

CECIL COUNTY, MARYLAND

2017

**CAPITAL IMPROVEMENT PROGRAM
APPROVED
JUNE 7, 2016**



TARI MOORE, COUNTY EXECUTIVE

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SUMMARY
CECIL COUNTY, MARYLAND
FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN

(\$ in thousands)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS								
Governmental Projects								
Cecil County Public Schools	10,265	10,629	17,039	12,813	9,922	60,668	37,949	98,617
Cecil College	1,083	1,300	1,214	7,306	7,088	17,991	24,581	42,572
Cecil County Public Library	0	1,345	9,057	8,250	0	18,652	2,061	20,713
Emergency Services	0	5,265	3,400	0	100	8,765	5,180	13,945
Cecil County Sheriff	0	0	0	0	0	0	0	0
Roads and Bridges	6,675	12,950	12,000	3,140	2,800	37,565	28,238	65,803
Parks and Recreation	913	913	0	0	2,180	4,006	6,858	10,864
Facilities Management	0	540	225	0	0	765	10,157	10,922
Information Technology	630	850	0	0	0	1,480	1,412	2,892
Total Governmental	\$19,566	\$33,792	\$42,935	\$31,509	\$22,090	\$149,892	\$116,436	\$266,328
Enterprise Fund Projects								
Wastewater	2,800	11,930	7,975	6,550	47,150	76,405	63,695	140,100
Solid Waste	0	390	830	500	2,800	4,520	5,384	9,904
Total Other Funds	\$2,800	\$12,320	\$8,805	\$7,050	\$49,950	\$80,925	\$69,079	\$150,004
Total All Projects	\$22,366	\$46,112	\$51,740	\$38,559	\$72,040	\$230,817	\$185,515	\$416,332
FINANCING SOURCES								
Governmental Projects								
General Obligation Bond Proceeds	\$15,578	\$20,853	\$33,321	\$21,724	\$12,585	\$104,061	\$71,994	\$176,055
General Fund Operating Transfer	\$0	\$0	\$0	\$0	\$0	\$0	\$7,544	\$7,544
General Fund - Fund Balance Appropriation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total County Funding	15,578	20,853	33,321	21,724	12,585	104,061	79,538	183,599
Federal	\$480	\$4,320	\$0	\$0	\$0	\$4,800	\$300	\$5,100
State	\$3,360	\$8,619	\$9,614	\$9,785	\$9,318	\$40,696	\$35,077	\$75,773
Other - VLT - Developer Contribution	\$148	\$0	\$0	\$0	\$187	\$335	\$1,521	\$1,856
Total Governmental	\$19,566	\$33,792	\$42,935	\$31,509	\$22,090	\$149,892	\$116,436	\$266,328
Enterprise Fund Projects								
Wastewater Bond Proceeds	2,800	9,130	7,975	5,600	36,850	62,355	28,404	90,759
Wastewater - Fund Balance Appropriation	0	0	0	0	300	300	2,535	2,835
Wastewater - Other	0	2,800	0	950	10,000	13,750	32,756	46,506
Solid Waste Bond Proceeds	0	390	830	500	2,800	4,520	2,865	7,385
Solid Waste - Fund Balance Appropriation	0	0	0	0	0	0	2,518	2,518
Solid Waste - Other	0	0	0	0	0	0	1	1
Total Other Funds	\$2,800	\$12,320	\$8,805	\$7,050	\$49,950	\$80,925	\$69,079	\$150,004
Total All Projects	\$22,366	\$46,112	\$51,740	\$38,559	\$72,040	\$230,817	\$185,515	\$416,332

CECIL COUNTY PUBLIC SCHOOLS
CECIL COUNTY, MARYLAND
FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS									
Governmental Projects									
Cecil School of Technology	71247	0	0	0	0	0	0	19,087	19,087
Perryville Elementary Renovation	71239	2,543	0	0	0	0	2,543	16,220	18,763
Conowingo Elementary School Roof Repl.	71249	0	0	0	0	0	0	358	358
Locally Funded Projects - State Sec. Init.	71250	0	0	0	0	0	0	557	557
Bo Manor Middle/High School Boiler Repl.		600	0	0	0	0	600	0	600
Kenmore Elementary School Boiler Repl.		490	0	0	0	0	490	0	490
Cherry Hill Middle School Boiler Repl.		697	0	0	0	0	697	0	697
Thomson Estates Elementary Boiler Repl.		574	0	0	0	0	574	0	574
Gilpin Manor Elementary Replacement	71251	4,113	9,736	12,475	3,319	0	29,643	1,500	31,143
Cecil Manor Elementary School Roof Repl.		0	893	0	0	0	893	0	893
Cecilton Elementary School Exterior Env.	71252	348	0	0	0	0	348	227	575
New Chesapeake City Elementary		900	0	2,814	9,494	8,422	21,630	0	21,630
Kenmore Elementary School Add/Ren		0	0	0	0	1,500	1,500	0	1,500
North East Middle School Add/Renovation		0	0	0	0	0	0	0	0
Cecil Manor Elementary School HVAC		0	0	1,750	0	0	1,750	0	1,750
Thomson Estates Elementary Renovation		0	0	0	0	0	0	0	0
Total Cecil County Public Schools		\$10,265	\$10,629	\$17,039	\$12,813	\$9,922	\$60,668	\$37,949	\$98,617
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$7,053	\$4,567	\$10,175	\$5,987	\$6,172	\$33,954	\$24,967	\$58,921
General Fund Operating Transfer		0	0	0	0	0	0	173	173
General Fund - Fund Balance Appropriation		0	0	0	0	0	0	0	0
Total County Funding		7,053	4,567	10,175	5,987	6,172	33,954	25,140	59,094
Federal		0	0	0	0	0	0	0	0
State		3,212	6,062	6,864	6,826	3,750	26,714	12,809	39,523
Other		0	0	0	0	0	0	0	0
Total Cecil County Public Schools		\$10,265	\$10,629	\$17,039	\$12,813	\$9,922	\$60,668	\$37,949	\$98,617

CECIL COLLEGE
CECIL COUNTY, MARYLAND
FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN

(\$ in thousands)	Project Number	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS									
Governmental Projects									
Engineering and Math Building	70021	0	0	0	0	0	0	23,647	23,647
College Center and Campus Entr. Phase I		0	0	0	6,255	5,833	12,088	0	12,088
Instructional Technology	70029	577	835	510	525	755	3,202	504	3,706
Mechanical Infrastructure Replacements	70032	506	465	704	526	500	2,701	430	3,131
College Center and Campus Entr. Phase II		0	0	0	0	0	0	0	0
Total Cecil College		\$1,083	\$1,300	\$1,214	\$7,306	\$7,088	\$17,991	\$24,581	\$42,572
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$1,083	\$1,300	\$1,214	\$5,347	\$1,707	\$10,651	\$9,041	\$19,692
General Fund Operating Transfer		0	0	0	0	0	0	796	796
General Fund - Fund Balance Appropriation		0	0	0	0	0	0	0	0
Total County Funding		1,083	1,300	1,214	5,347	1,707	10,651	9,837	20,488
Federal		0	0	0	0	0	0	0	0
State		0	0	0	1,959	5,381	7,340	14,744	22,084
Other		0	0	0	0	0	0	0	0
Total Cecil College		\$1,083	\$1,300	\$1,214	\$7,306	\$7,088	\$17,991	\$24,581	\$42,572

CECIL COUNTY PUBLIC LIBRARY
CECIL COUNTY, MARYLAND
FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN

(\$ in thousands)	Project Number	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS									
Governmental Projects									
Elkton Branch Energy and Bldg. Imps. B	72023	0	0	0	0	0	0	328	328
Rising Sun Branch Security Retrofit	72019	0	0	0	0	0	0	420	420
North East Branch Library	72018	0	1,345	9,057	8,250	0	18,652	1,313	19,965
Total Cecil Libraries		\$0	\$1,345	\$9,057	\$8,250	\$0	\$18,652	\$2,061	\$20,713
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$0	\$538	\$8,057	\$7,250	\$0	\$15,845	\$0	\$15,845
General Fund Operating Transfer		0	0	0	0	0	0	1,304	1,304
General Fund - Fund Balance Appropriation		0	0	0	0	0	0	0	0
Total County Funding		0	538	8,057	7,250	0	15,845	1,304	17,149
Federal		0	0	0	0	0	0	0	0
State		0	807	1,000	1,000	0	2,807	727	3,534
Other		0	0	0	0	0	0	30	30
Total Cecil Libraries		\$0	\$1,345	\$9,057	\$8,250	\$0	\$18,652	\$2,061	\$20,713

**EMERGENCY SERVICES
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
 FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS									
Governmental Projects									
CAD Replacement	50038	0	0	0	0	0	0	2,880	2,880
P25 Dispatch Migration - Dispatch/911		0	0	0	0	0	0	2,300	2,300
P25 Dispatch Migration - Towers		0	5,265	0	0	0	5,265	0	5,265
P25 Dispatch Migration - Units		0	0	3,400	0	0	3,400	0	3,400
Cecil College Paramedic Station #4		0	0	0	0	100	100	0	100
Fair Hill Station Construction		0	0	0	0	0	0	0	0
Total Emergency Services		\$0	\$5,265	\$3,400	\$0	\$100	\$8,765	\$5,180	\$13,945
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$0	\$3,515	\$1,650	\$0	\$100	\$5,265	\$4,300	\$9,565
General Fund Operating Transfer		0	0	0	0	0	0	0	0
General Fund - Fund Balance Appropriation		0	0	0	0	0	0	0	0
Total County Funding		0	3,515	1,650	0	100	5,265	4,300	9,565
Federal		0	0	0	0	0	0	0	0
State		0	1,750	1,750	0	0	3,500	880	4,380
Other		0	0	0	0	0	0	0	0
Total Emergency Services		\$0	\$5,265	\$3,400	\$0	\$100	\$8,765	\$5,180	\$13,945

CECIL COUNTY SHERIFF
CECIL COUNTY, MARYLAND
FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS									
Governmental Projects									
Body Cavity Scanner		0	0	0	0	0	0	0	0
Total Cecil County Sheriff		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Fund Operating Transfer		0	0	0	0	0	0	0	0
General Fund - Fund Balance Appropriation		0	0	0	0	0	0	0	0
Total County Funding		0	0	0	0	0	0	0	0
Federal		0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0
Other		0	0	0	0	0	0	0	0
Total Cecil County Sheriff		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**ROADS AND BRIDGES
CECIL COUNTY, MARYLAND
FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total *17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS									
Governmental Projects									
Red Toad Road at Route 40 Intersection Improvements	52684	0	0	0	0	0	0	1,198	1,198
Replacement of Bridge CE-0017 Mechanics Valley Road over Little North East Creek	52656	0	0	0	0	0	0	1,660	1,660
Replacement of Bridge CE-0043 Waibel Road over Basin Run	52030	0	0	0	0	0	0	920	920
Road Improvements at Waibel Road from Firetower Rd. to Dr. Jack Rd.	52664	0	0	0	0	0	0	1,250	1,250
Replacement of Bridge CE-0072 Razor Strap Road over Stony Run	52080	600	0	0	0	0	600	2,225	2,825
Razor Strap Road Improvements Phases I & II	52223	500	0	0	0	0	500	2,802	3,302
Racine School Road Improvements	52019	2,500	0	0	0	0	2,500	602	3,102
Oldfield Point Road Improvements (Old Chestnut to Old Ferry)	52594	1,000	4,000	12,000	0	0	17,000	3,689	20,689
Replacement of Reservoir Road Culverts	52685	450	0	0	0	0	450	1,295	1,745
Replace Star Route Road Culverts (2)	52691	50	0	0	0	0	50	609	659
Lums Road Street Improvements (Bouchelle Road to Little North East Creek)	52213	700	2,400	0	0	0	3,100	100	3,200
Replace Bohemia Church Road Culverts (3)	52692	275	1,150	0	0	0	1,425	0	1,425
Replacement of Bridge CE-0042 Mechanics Valley Road over CSX	52634	600	5,400	0	0	0	6,000	625	6,625
Upgrade Nottingham Roads Facility	52637	0	0	0	0	0	0	933	933
Chesapeake City Salt Storage Facility	52021	0	0	0	0	0	0	125	125
Old Elk Neck/Crestwood Roads Intersection Improvements	52643	0	0	0	350	600	950	0	950
Rehabilitate Bridge CE-0104 Iron Hill Road over Amtrak	52676	0	0	0	40	250	290	0	290
Rehabilitate Bridge CE-0101 Mechanic's Valley Road over Amtrak	52677	0	0	0	40	250	290	0	290
Rehabilitate Bridge CE-0102 Old Elk Neck Road over Amtrak	52697	0	0	0	40	250	290	0	290
Replacement of Bridge CE0060, Wheatley Road over West Branch	52695	0	0	0	250	150	400	0	400
Rehabilitation of Bridge CE-0096 Bethel Church Road over Stony Run	52645	0	0	0	450	0	450	137	587
New Central Garage Facility	52694	0	0	0	0	0	0	0	0
Upgrade Roads Central Yard Facilities	52693	0	0	0	0	0	0	0	0
Theodore Road Street Improvements (Rt. 274 to Ebenezer Church Rd)	52025	0	0	0	600	250	850	0	850
Replace Elk Mills Road Culverts	52686	0	0	0	170	400	570	0	570
Belle Hill Road and Appleton Road Intersection Improvements		0	0	0	200	125	325	0	325
Oldfield Point Road at Jones Chapel Road Intersection Improvements	52652	0	0	0	200	125	325	0	325
Dr. Jack Road at Frist Road Intersection Improvements	52651	0	0	0	200	100	300	0	300
Intersection Improvements - Leeds, Union Valley & North Simperts Road	52666	0	0	0	200	100	300	0	300
Intersection Improvements - Shady Beach Road at Old Elk Neck Road	52667	0	0	0	200	100	300	0	300
Old Elk Neck Road at Irishtown Road Intersection Improvements	52650	0	0	0	200	100	300	0	300
Painting of Various County Bridges		0	0	0	0	0	0	0	0
Replacement of Bridge CE-0112 Liberty Grove Road over Rock Run Creek	52648	0	0	0	0	0	0	0	0
Replacement of Bridge CE-0047 Dr. Jack Road over Abandoned Railroad	52658	0	0	0	0	0	0	0	0
Intersection Improvements - Union Church, Nottingham & Stevenson Rds.	52668	0	0	0	0	0	0	0	0

**ROADS AND BRIDGES
CECIL COUNTY, MARYLAND
FISCAL YEAR 2017 PROPOSED CAPITAL PROJECT BUDGET
FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total *17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
Replacement of Bridge CE-0055 Belvidere Road over CSX	52657	0	0	0	0	0	0	0	0
Spring Hill/Ridge Road Intersection Improvements	52029	0	0	0	0	0	0	0	0
Construct Meadowview Subdivision Street Improvements	52674	0	0	0	0	0	0	0	0
Construct Frenchtown Road Drainage Improvements	52683	0	0	0	0	0	0	0	0
Replacement of Bridge CE-0100 Old Telegraph Road over Sandy Branch	52659	0	0	0	0	0	0	0	0
Replacement of Bridge CE-0082 Slicers Mill Road over Stone Run	52653	0	0	0	0	0	0	0	0
Rehabilitation of Bridge CE-0081 Ragan Road over branch of Octoraro Creek	52660	0	0	0	0	0	0	0	0
Replacement of Bridge CE-0024 Providence Road over Little Elk Creek	52654	0	0	0	0	0	0	0	0
Replacement of Culverts on Oldfield Point Road	52687	0	0	0	0	0	0	0	0
Replace Culvert England Creamery Road (Porter Road & Kirks Mill Road)	52670	0	0	0	0	0	0	0	0
Black Snake Road Embankment Rehabilitation	52698	0	0	0	0	0	0	0	0
Offsite Wetland Mitigation Projects	52699	0	0	0	0	0	0	0	0
Realignment of Muddy Lane Underpass of AMTRAK	52690	0	0	0	0	0	0	100	100
Construct River Road Drainage Improvements	52672	0	0	0	0	0	0	0	0
Replace Pearl Street Culvert (Mason Runn/Reynolds Avenue)	52696	0	0	0	0	0	0	0	0
Replacement of Bridge CE0073 Rolling Mill Road over Northeast Creek	52646	0	0	0	0	0	0	0	0
Rehabilitation of Bridge CE-0068 Zeitler Road over Little Elk Creek	52647	0	0	0	0	0	0	0	0
Replacement of Bridge CE-0097 Baron Road over CSX	52020	0	0	0	0	0	0	4,066	4,066
Construct Old Elk Neck Road Improvements	52675	0	0	0	0	0	0	2,292	2,292
Replacement of Bridge CE-0075 Old Elk Neck Road over Piney Creek	52036	0	0	0	0	0	0	3,610	3,610
Total Roads and Bridges		\$6,675	\$12,950	\$12,000	\$3,140	\$2,800	\$37,565	\$28,238	\$65,803
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$6,195	\$8,630	\$12,000	\$3,140	\$2,800	\$32,765	\$19,233	\$51,998
General Fund Operating Transfer		0	0	0	0	0	0	4,611	4,611
General Fund - Fund Balance Appropriation		0	0	0	0	0	0	0	0
Total County Funding		6,195	8,630	12,000	3,140	2,800	32,765	23,844	56,609
Federal		480	4,320	0	0	0	4,800	300	5,100
State		0	0	0	0	0	0	3,074	3,074
Other - VLT, Developer Contribution		0	0	0	0	0	0	1,020	1,020
Total Roads and Bridges		\$6,675	\$12,950	\$12,000	\$3,140	\$2,800	\$37,565	\$28,238	\$65,803

**PARKS AND RECREATION
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
 FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS									
Governmental Projects									
Calvert Regional Park - Development	56015	913	913	0	0	2,180	4,006	4,907	8,913
Elk River - Dredged Material Placement	45759	0	0	0	0	0	0	1,951	1,951
Total Parks and Recreation		\$913	\$913	\$0	\$0	\$2,180	\$4,006	\$6,858	\$10,864
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$617	\$913	\$0	\$0	\$1,806	\$3,336	\$3,782	\$7,118
General Fund Operating Transfer		0	0	0	0	0	0	0	0
General Fund - Fund Balance Appropriation		0	0	0	0	0	0	0	0
Total County Funding		617	913	0	0	1,806	3,336	3,782	7,118
Federal		0	0	0	0	0	0	0	0
State		148	0	0	0	187	335	2,605	2,940
Other - VLT		148	0	0	0	187	335	471	806
Total Parks and Recreation		\$913	\$913	\$0	\$0	\$2,180	\$4,006	\$6,858	\$10,864

**FACILITIES MANAGEMENT
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
 FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS									
Governmental Projects									
Courthouse Phase II Renovations	58022	0	0	0	0	0	0	1,461	1,461
Courthouse Roof Replacement	58023	0	0	0	0	0	0	391	391
Courthouse - Prisoner Transport Sally Port	58024	0	0	0	0	0	0	325	325
Health Department Parking Lot & Curbing		0	0	0	0	0	0	0	0
Historical Society Building Renovations	58040	0	0	0	0	0	0	180	180
Courthouse Holding Cell Revocations		0	540	0	0	0	540	0	540
Resurface Courthouse Parking Lot		0	0	225	0	0	225	0	225
Acquire 107 Chesapeake Boulevard		0	0	0	0	0	0	7,300	7,300
Acquire Animal Control Facility		0	0	0	0	0	0	500	500
Total Facilities Management		\$0	\$540	\$225	\$0	\$0	\$765	\$10,157	\$10,922
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$0	\$540	\$225	\$0	\$0	\$765	\$9,334	\$10,099
General Fund Operating Transfer		0	0	0	0	0	0	585	585
General Fund - Fund Balance Appropriation		0	0	0	0	0	0	0	0
Total County Funding		0	540	225	0	0	765	9,919	10,684
Federal		0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	238	238
Other		0	0	0	0	0	0	0	0
Total Facilities Management		\$0	\$540	\$225	\$0	\$0	\$765	\$10,157	\$10,922

INFORMATION TECHNOLOGY
CECIL COUNTY, MARYLAND
FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN

(\$ in thousands)	Project Number	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS									
Governmental Projects									
BTOP - Broadband Initiative	61002	580	0	0	0	0	580	1,412	1,992
Permitting System		50	850	0	0	0	900	0	900
Total Facilities Management		\$630	\$850	\$0	\$0	\$0	\$1,480	\$1,412	\$2,892
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$630	\$850	\$0	\$0	\$0	\$1,480	\$1,337	\$2,817
General Fund Operating Transfer		0	0	0	0	0	0	75	75
General Fund - Fund Balance Appropriation		0	0	0	0	0	0	0	0
Total County Funding		630	850	0	0	0	1,480	1,412	2,892
Federal		0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0
Other		0	0	0	0	0	0	0	0
Total Facilities Management		\$630	\$850	\$0	\$0	\$0	\$1,480	\$1,412	\$2,892

**WASTEWATER
CECIL COUNTY, MARYLAND
FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS									
Enterprise Fund Projects									
Repair Carpenters Point Sewer Trenches	55060	0	0	0	0	0	0	521	521
Upgrade NERAWWTP	55051	0	0	0	0	0	0	37,089	37,089
Construct Highlands Interceptor Sewer	55052	0	0	0	0	0	0	5,112	5,112
Construct Elkton West Sant. Sewer SD	55064	0	5,000	3,300	3,000	20,000	31,300	7,906	39,206
Construct Principio San. Sewer North	55018	2,200	0	0	0	0	2,200	2,945	5,145
Repair Port Deposit WWTP	55069	0	0	0	0	0	0	1,200	1,200
Upgrade Two Existing Port Deposit PS	55055	0	0	125	1,000	0	1,125	125	1,250
Replace Harbour View WWTP	55053	0	3,500	0	0	0	3,500	550	4,050
Construct CECO to Cherry Hill Connection	55070	0	0	0	0	0	0	0	0
Construct Rt. 40 West Sanitary Sewer	55031	100	0	0	0	2,000	2,100	1,380	3,480
Construct Holloway Beach Sewer	55041	0	2,900	0	0	0	2,900	350	3,250
Construct Rock Run Road Sewer Ext.	55057	0	0	150	950	0	1,100	0	1,100
Expand Meadowview WWTP	55033	0	0	0	0	1,750	1,750	430	2,180
Washington Street PS Upgrades Ph. II	55029	0	0	0	0	0	0	650	650
Upgrade Mechanics Valley Rd. Pump Stat	55059	0	100	400	0	0	500	0	500
Construct E. Old Phila. Rd. Sewer CS	55047	0	40	300	1,500	0	1,840	0	1,840
Construct Effluent Reuse Pipeline	55036	0	350	3,500	0	0	3,850	0	3,850
Replace CSX Sewer Line @ Red Toad Rd	55066	500	0	0	0	0	500	105	605
I/I - Port Deposit	55061	0	0	0	0	0	0	2,520	2,520
Upgrade Meadowview Sewer Collect, Ph 4,5	55065	0	0	0	0	0	0	1,250	1,250
Improve Septage Acceptance Station	55071	0	40	160	0	0	200	0	200
Construct W. Old Phila. Rd. Sewer CS	55048	0	0	40	0	0	40	0	40
Cherry Hill to Meadowview Sewer Intercept	55067	0	0	0	0	0	0	0	0
Construct Rt. 40 -Principio West Sewer	55054	0	0	0	0	0	0	0	0
I/I - Meadowview, Cherry Hill, Highlands	55062	0	0	0	0	0	0	700	700
Expand NERAWWTP	55021	0	0	0	100	23,300	23,400	862	24,262
Construct Hances Point Sewer Collection	55039	0	0	0	0	100	100	0	100
Construct Port Deposit to NERAWWTP Int.	55044	0	0	0	0	0	0	0	0
Construct Crystal Beach Sewer CS	55045	0	0	0	0	0	0	0	0
Construct Red Point Sewer Collection Sys.	55040	0	0	0	0	0	0	0	0
Total Wastewater Enterprise Fund		\$2,800	\$11,930	\$7,975	\$6,550	\$47,150	\$76,405	\$63,695	\$140,100
FINANCE SOURCES									
Enterprise Fund Projects									
Wastewater Bond Proceeds		\$2,800	\$9,130	\$7,975	\$5,600	\$36,850	\$62,355	\$28,404	\$90,759
Wastewater - Fund Balance Appropriation		0	0	0	0	300	300	2,535	2,835
Wastewater - Other		0	2,800	0	950	10,000	13,750	32,756	46,506
Total Wastewater Enterprise Fund		\$2,800	\$11,930	\$7,975	\$6,550	\$47,150	\$76,405	\$63,695	\$140,100

**SOLID WASTE
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2017 APPROVED CAPITAL PROJECT BUDGET
 FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5-Year Total '17-'21	PRIOR APPROP. thru FY16	PROJECT TOTAL thru FY21
CAPITAL COSTS									
Enterprise Fund Projects									
Construct Landfill Gas to Energy Facility	53021	0	190	330	0	0	520	1	521
Upgrade Green Waste Processing Area	53016	0	50	500	0	0	550	0	550
Expand LFG Collection Control System	53023	0	150	0	0	0	150	800	950
Construct Horizontal Expansion	53029	0	0	0	500	2,800	3,300	1,517	4,817
Upgrade Landfill Entrance Road	53026	0	0	0	0	0	0	0	0
Upgrade/Expand Operations Facilities	53014	0	0	0	0	0	0	173	173
Install Perimeter Fencing	53024	0	0	0	0	0	0	0	0
Construct Landfill Waste Receiving Station	53020	0	0	0	0	0	0	0	0
Construct Southern Regional Xfr Station	53012	0	0	0	0	0	0	0	0
Upgrade Central Landfill Stormw. Mgmt.	53019	0	0	0	0	0	0	2,893	2,893
Total Solid Waste Enterprise Fund		\$0	\$390	\$830	\$500	\$2,800	\$4,520	\$5,384	\$9,904
FINANCING SOURCES									
Enterprise Fund Projects									
Solid Waste Bond Proceeds		\$0	\$390	\$830	\$500	\$2,800	\$4,520	\$2,865	\$7,385
Solid Waste - Fund Balance Appropriation		0	0	0	0	0	0	2,518	2,518
Solid Waste - Other		0	0	0	0	0	0	1	1
Total Solid Waste Enterprise Fund		\$0	\$390	\$830	\$500	\$2,800	\$4,520	\$5,384	\$9,904

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department:
Cecil County Public Schools

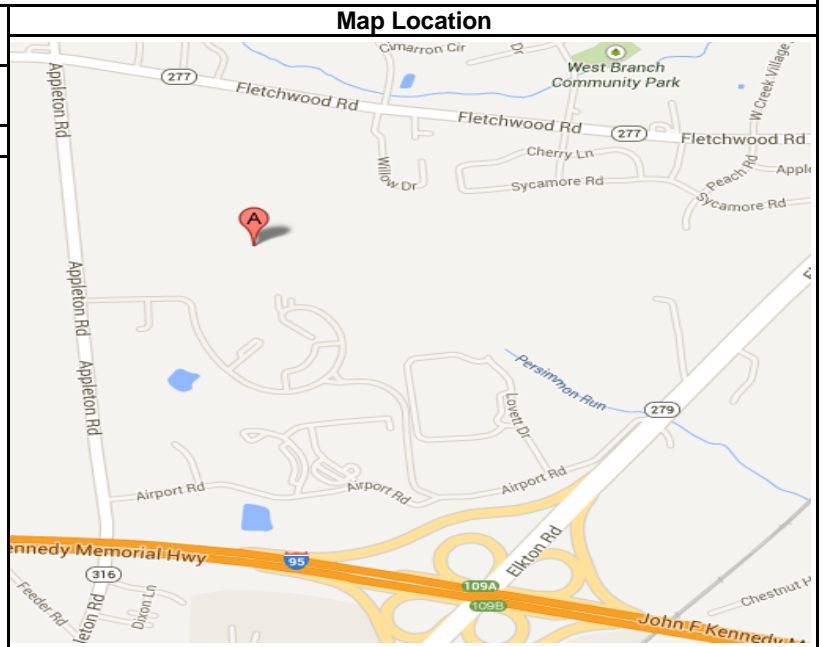
Project Number:
71247

Project Title:
Cecil School of Technology

Project Location:
912 Appleton Road, Elkton

Project Description/Status: **Priority:** 1

Project assumes the acquisition of an existing 90 acre site and 141,000 sq. ft. facility to expand CTE programs. To provide a trained and skilled workforce for automotive repair, cosmetology, culinary arts, welding, allied health, fire science, and building trades.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	460	460	0						
Land Acquisition	8,250	8,250	0						
Site Work	500	500	0						
Construction	6,887	6,887	0						
Equipment/Furnishings	2,190	2,190	0						
Other (Capital lease, etc)	800	800	0						
Total Cost	19,087	19,087	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0	0	0						
County Bonds	13,776	13,776	0						
State	5,311	5,311	0						
Federal	0	0	0						
Other - CCPS	0	0	0	0					
Total Funds	19,087	19,087	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 19,073,275
 Encumbered 0
Total 19,073,275

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: Cecil County Public Schools	Project Number: 71239
Project Title: Perryville Elementary Renovation	Project Location: 901 Maywood Avenue, Perryville
Project Description/Status: Priority: 2	



This project will provide a complete renovation of the school. Overall, this building is not serving effectively as an elementary school. Currently instructional spaces are not configured ideally in parts of the building, as it was originally designed for small groups of special needs students. The main office and health office are well undersized. In addition to programmatic challenges faced by the school, the building itself is in need of extensive work. The existing electrical and mechanical systems need to be replaced. The building has an old steam heating system serving the original portion of the building. Steam leaks located in inaccessible areas have caused extensive rusting throughout the building, including in electrical conduits. An FY08 state maintenance survey rated this building as "adequate" and reported the school to be "in dire need of upgrades."

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,400	1,120	180	100					
Land Acquisition	0	0							
Site Work	784	784	0						
Construction	14,293	5,915	6,578	1,800					
Equipment/Furnishings	772	20	152	600					
Other	1,514	371	1,100	43					
Total Cost	18,763	8,210	8,010	2,543	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0	0							
County Bonds	11,109	5,110	4,360	1,639					
State	7,654	3,100	3,650	904					
Federal	0	0							
Other - VLT	0	0							
Total Funds	18,763	8,210	8,010	2,543	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	6,209,018
Encumbered	0
Total	<u><u>6,209,018</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: Cecil County Public Schools	Project Number: 71249	Map Location	
Project Title: Conowingo Elem. Roof Replacement	Project Location: 471 Rowlandsville Road, Conowingo		
Project Description/Status: Replace 1993 EPDM portions of roof only.			
		<small>Google earth</small>	

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	22	22							
Land Acquisition	0								
Site Work	0								
Construction	306	306							
Equipment/Furnishings	0								
Other	30	30							
Total Cost	358	358	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	142	142							
State	216	216							
Federal	0								
Other	0								
Total Funds	358	358	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	111,495
Encumbered	0
Total	<u><u>111,495</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: Cecil County Public Schools	Project Number: 71250	Map Location	
Project Title: Local Project Funding Support	Project Location: Various		
Project Description/Status:		Priority: 4	
<p>Various locally funded projects, including State SI Project.</p>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0	0							
Land Acquisition	0	0							
Site Work	0	0							
Construction	557	557							
Equipment/Furnishings	0	0							
Other	0	0							
Total Cost	557	557	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	173	173							
County Bonds	0	0							
State	384	384							
Federal	0	0							
Other	0	0							
Total Funds	557	557	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	172,521
Encumbered	0
Total	<u><u>172,521</u></u>

Project Form		Cecil County Capital Improvements Program 2017		
Agency/Department: Cecil County Public Schools	Project Number:	Map Location		
Project Title: Bo Manor Middle/High School Boiler Repl.	Project Location:			
Project Description/Status:				Priority: 5
<p>The existing heating plant serving this facility consists of two (2) equally sized oil fired fire tube boilers rated at 50 BHP (1,670,000 BTUH) each. The boilers were manufactured by Cleaver Brooks and are twenty-two (22) years old. Scope includes replacing existing with two (2) new 80 BHP Cleaver Brooks fire tube boilers with enhanced efficiency as well as upgrading approximately 100 terminal controls (VAV boxes, unit heaters).</p>				

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	585			585					
Equipment/Furnishings	0								
Other	15			15					
Total Cost	600	0	0	600	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	222			222					
State	378			378					
Federal	0								
Other	0								
Total Funds	600	0	0	600	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
 Total 0

Project Form		Cecil County Capital Improvements Program 2017		
Agency/Department: Cecil County Public Schools	Project Number:	Map Location		
Project Title: Kenmore Elementary School Boiler Repl.	Project Location:			
Project Description/Status:				Priority: 6
<p>Kenmore Elementary School is heated by a central hot water heating plant. Heat is generated by two (2) oil fired scotch marine fire tube style boilers. The boilers were manufactured in 1984 by Cleaver Brooks, Model CB 50 Boiler Horse Power (1,670,000 BTUH). Fuel oil is stored in an underground 10,000 gallon tank. The existing boilers are thirty-one (31) years old and are standard efficiency (80 - 82%) non-condensing style boilers with a 5:1 turndown ratio. Each boiler was sized for approximately two-thirds (2/3) of the entire building load. They also utilize a more expensive, not clean fuel source in #2 fuel oil. It is recommended that the two (2) existing oil fired boilers be replaced with four (4) equally sized 1,500,000 BTUH nominal capacity vertical fire tube gas fired high efficiency condensing boilers. Additionally a boiler sequencing controller is recommended and for it to be interfaced with the existing Johnson Controls Energy Management System. The existing undergrounds fuel oil tank, fuel oil pumps and piping is recommended to be removed in its entirety. Also, the existing domestic water heater and master mixing valve will need to be replaced with a high efficiency gas fired condensing style.</p>				

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	478			478					
Equipment/Furnishings	0								
Other	12			12					
Total Cost	490	0	0	490	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	181			181					
State	309			309					
Federal	0								
Other	0								
Total Funds	490	0	0	490	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department:
Cecil County Public Schools

Project Number:

Map Location

Project Title:
Cherry Hill Middle School Boiler Repl.

Project Location:
2535 Singerly Road, Elkton MD



Project Description/Status: **Priority:** 7

Cherry Hill Middle School is heated by a central hot water heating plant. Heat is generated by two (2) oil fired scotch marine fire tube style boilers with propane pilots. The boilers were manufactured in 1967 by Cleaver Brooks, Model CB 100 Boiler Horse Power (3,340,000 BTUH). Fuel oil is stored in an underground 10,000 gallon tank. The existing boilers are forty-eight (48) years old and are standard efficiency (80 - 82%) non-condensing style boilers with a 5:1 turndown ratio. They also utilize a more expensive, not clean fuel source in #2 fuel oil. Natural gas is available to the building. It is recommended that the two (2) existing oil fired boilers be replaced with six (6) equally sized 1,500,000 BTUH nominal capacity vertical fire tube gas fired high efficiency condensing boilers. Each boiler shall be provided with an automatic isolation valve so they can be sequenced in lead lag fashion and rotated daily. Additionally a boiler sequencing controller is recommended and for it to be interfaced with the existing Johnson Controls Energy Management System. The existing undergrounds fuel oil tank, fuel oil pumps and piping is recommended to be removed in its entirety. Also, the existing domestic water heater and master mixing valve will need to be replaced with a high efficiency gas fired condensing style.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	680			680					
Equipment/Furnishings	0								
Other	17			17					
Total Cost	697	0	0	697	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	258			258					
State	439			439					
Federal	0								
Other	0								
Total Funds	697	0	0	697	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
Total 0

Project Form		Cecil County Capital Improvements Program 2017		
Agency/Department: Cecil County Public Schools	Project Number:	Map Location		
Project Title: Thomson Estates Elementary Boiler Repl.	Project Location:			
Project Description/Status:				Priority: 8
<p>Thomson Estates Elementary School is heated by a central hot water heating plant. Heat is generated by two (2) oil fired scotch marine fire tube style boilers with propane pilots. The boilers were manufactured in 1975 by Cleaver Brooks, Model CB 100 Boiler Horse Power (3,340,000 BTUH). Fuel oil is stored in an underground 10,000 gallon tank. The existing boilers are forty (40) years old and are standard efficiency (80 - 82%) non-condensing style boilers with a 5:1 turndown ratio. Each boiler was sized for the entire building load so one boiler functions as a standby. They also utilize a more expensive, not clean fuel source in #2 fuel oil. Natural gas is available to the building. It is recommended that the two (2) existing oil fired boilers be replaced with four (4) equally sized 1,500,000 BTUH nominal capacity vertical fire tube gas fired high efficiency condensing boilers. The boilers also allows the building to be converted to variable primary flow thus enhancing operational efficiency during partial load conditions. The existing heating water pumps are recommended to be replaced in kind utilizing high efficiency inverter duty type motors which complies with IECC and controlled by a variable speed drive. Additionally a boiler sequencing controller is recommended and for it to be interfaced with the existing Johnson Controls Energy Management System.</p>				

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	560			560					
Equipment/Furnishings	0								
Other	14			14					
Total Cost	574	0	0	574	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	212			212					
State	362			362					
Federal	0								
Other	0								
Total Funds	574	0	0	574	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: Cecil County Public Schools	Project Number: 71251
Project Title: Gilpin Manor ES Replacement	Project Location: 203 Newark Avenue, Elkton
Project Description/Status:	Priority: 9



Gilpin Manor was built in 1952 with additions in 1954, 1980 and 2005. Even with the recent kindergarten addition, this building is not serving effectively as an elementary school. It was originally built to be a special education facility. As such, classrooms were built smaller than current state standards for primary classrooms. The gym, kitchen and cafeteria are undersized for the current population, with no space to enlarge them. Admin. and core areas are also too small. Mechanical and electrical systems need to be upgraded. HVAC upgrades in the existing building will be difficult to accomplish due to the low floor slab to roof deck height. Windows and exterior masonry are also in poor condition. ADA issues need to be addressed. This project is also intended to increase capacity of the school. A feasibility study has been conducted, and provides justification for building a new school at the west end of the campus, then demolishing the existing building. New construction is more cost effective than the alternative of renovating and adding on the existing building.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,500		1,500						
Land Acquisition	0								
Site Work	3,513			3,513					
Construction	20,720			600	9,366	9,792	962		
Equipment/Furnishings	2,257						2,257		
Other	3,153				370	2,683	100		
Total Cost	31,143	0	1,500	4,113	9,736	12,475	3,319	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	18,237		1,500	3,513	4,237	6,750	2,237		
State	12,906			600	5,499	5,725	1,082		
Federal	0								
Other	0								
Total Funds	31,143	0	1,500	4,113	9,736	12,475	3,319	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	493,856
Encumbered	0
Total	<u><u>493,856</u></u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department:
Cecil County Public Schools

Project Number:

Map Location

Project Title:
Cecil Manor Elementary Roof

Project Location:
971 Elk Mills Road, Elkton



Project Description/Status: **Priority:** 10

Roof Replacement - Replace 1990 and 1995 portions of built up roof. State of Maryland did not approve funding for FY 2016... defer until FY 2018.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	21				21				
Land Acquisition	0								
Site Work	0								
Construction	867				867				
Equipment/Furnishings	0								
Other	5				5				
Total Cost	893	0	0	0	893	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	330				330				
State	563				563				
Federal	0								
Other	0								
Total Funds	893	0	0	0	893	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
Total 0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: Cecil County Public Schools	Project Number: 71252
Project Title: Cecilton Elementary School Roof Repl.	Project Location: 251 W. Main Street, Cecilton
Project Description/Status:	Priority: 11



The existing roof is a two-ply SBS modified bitumen roof that was installed in 1994 and 1997. The building was built in 1939 with an addition in 1997. The 1939 section of the building is part single floor and other parts two-story. The exterior brick has extensive deterioration of the mortar joints due to age. Water is entering the walls and getting behind wall flashings on parapet walls and roof transitions from single story to two-story. The project will include repair of all masonry and replacement of the roof with a new two-ply modified bitumen roof with tapered insulation, new counter flashings, and repair of coping stones on all walls.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	575		227	348					
Equipment/Furnishings	0								
Other	0								
Total Cost	575	0	227	348	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	207		79	128					
State	368		148	220					
Federal	0								
Other	0								
Total Funds	575	0	227	348	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: Cecil County Public Schools	Project Number:
Project Title: New Chesapeake City Elementary School	Project Location: curr. 214 Third Street, Ches. City
Project Description/Status:	Priority: 12



Built in 1939, Chesapeake City Elementary once served as the area's high school. In time, the higher grades were moved into a new location, and in 1972 the school received a single story addition of 12,000 sf. This addition was designed in the "open classroom" format and is currently a difficult teaching environment. Chesapeake City is also one of the last schools in the county that is not completely air conditioned and it does not meet current ADA conditions, as it does not have an elevator or accessible rest rooms. The building occupies 2 locally-owned relocatable classrooms and currently has limited resources for media, data networks, music and art. The building's steam boiler is vintage 1939 and presents inconsistent heating control reflecting in safety concerns and IAQ issues. Studies are being conducted to determine other possible building locations in the area where water & sewer are available. It is intended to build a new replacement school on a less restrictive site.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	3,354					2,814	540		
Land Acquisition	900			900					
Site Work	2,744						2,744		
Construction	16,076						6,210	8,422	1,444
Equipment/Furnishings	969								969
Other	286								286
Total Cost	24,329	0	0	900	0	2,814	9,494	8,422	2,699

FUNDING SCHEDULE

County Paygo	0								
County Bonds	13,886			900		2,814	3,750	4,672	1,750
State	10,443						5,744	3,750	949
Federal	0								
Other	0								
Total Funds	24,329	0	0	900	0	2,814	9,494	8,422	2,699

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: Cecil County Public Schools	Project Number:
Project Title: Kenmore Elementary School Add/Ren	Project Location: 2475 Singerly Road, Elkton MD
Project Description/Status:	Priority: 13



This project is to address issues at two adjacent elementary schools located in the center of the county. Kenmore Elementary School is currently over capacity and has been nearly as long as it has been open. The use of three exterior portable classrooms has been the method of offsetting the issues related to enrollment. Adjacent to Kenmore Elementary School is the enrollment district of Leeds Elementary School. Leeds was constructed in 1968 and has served a rural community in the center of the county. The most notable characteristic of the school is that it is on a well and septic system that would be very costly to renovate and replace. The project is to renovate Kenmore Elementary and add additional seat capacity to allow for the closure of Leeds Elementary and the redistricting of both areas into one school. Leeds Elementary would be taken out of service per COMAR and turned over to the County as surplus.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,500							1,500	
Land Acquisition	0								
Site Work	5,671								5,671
Construction	32,992								32,992
Equipment/Furnishings	1,232								1,232
Other	0								
Total Cost	41,395	0	0	0	0	0	0	1,500	39,895

FUNDING SCHEDULE

County Paygo	0								
County Bonds	22,340							1,500	20,840
State	19,055								19,055
Federal	0								
Other	0								
Total Funds	41,395	0	0	0	0	0	0	1,500	39,895

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department:
Cecil County Public Schools

Project Number:

Project Title:
North East Middle School Add/Renovation

Project Location:
200 East Cecil Avenue, North East

Project Description/Status:

Priority: 14

This building was originally constructed as the town's high school in 1932. Two additions have been made and in 1973 the building was converted into a middle school by adding 11,500 square feet and doing interior renovations. However, the renovation at that time did not completely replace all systems. For example, the boilers are still original to the building. A complete renovation of the entire existing building outside of the newly remodeled areas is needed. Mechanical and electrical systems need to be replaced and upgraded. Asbestos containing materials need to be removed and all systems need to be brought up to current codes and standards. The building is not fully sprinklered, nor is it fully ADA accessible. The school is currently over capacity and enrollment is projected to increase.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,800								1,800
Land Acquisition	0								
Site Work	0								
Construction	45,317								45,317
Equipment/Furnishings	0								
Other	0								
Total Cost	47,117	0	0	0	0	0	0	0	47,117

FUNDING SCHEDULE

County Paygo	0								
County Bonds	26,815								26,815
State	20,302								20,302
Federal	0								
Other	0								
Total Funds	47,117	0	0	0	0	0	0	0	47,117

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
 Total 0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: Cecil County Public Schools	Project Number:
Project Title: Cecil Manor Elementary HVAC	Project Location: 971 Elk Mills Road, Elkton
Project Description/Status:	Priority: 15



HVAC Replacement - Replace chiller, roof top units, VAV's. Provide DDC controls.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	90					90			
Land Acquisition	0								
Site Work	0								
Construction	1,651					1,651			
Equipment/Furnishings	0								
Other	9					9			
Total Cost	1,750	0	0	0	0	1,750	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	611					611			
State	1,139					1,139			
Federal	0								
Other	0								
Total Funds	1,750	0	0	0	0	1,750	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department:
Cecil County Public Schools

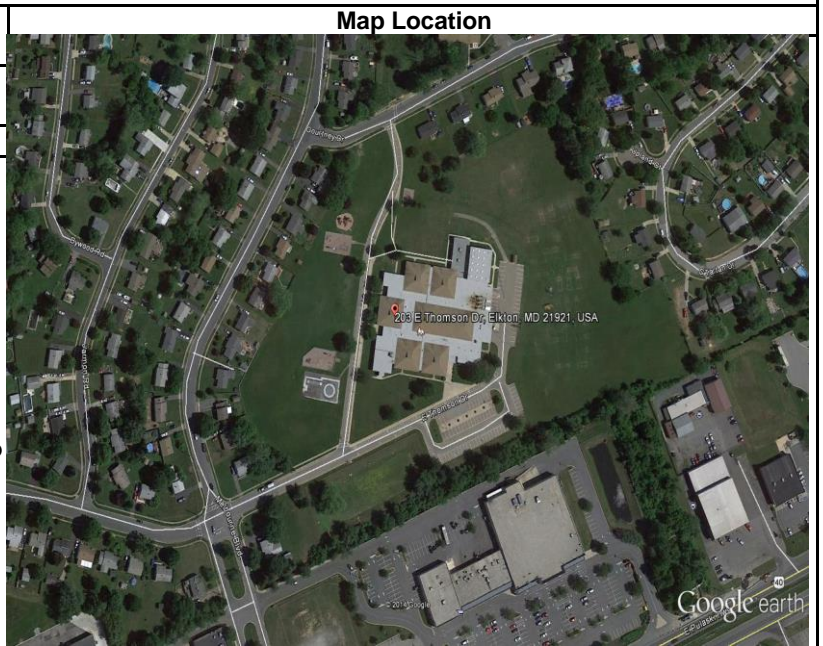
Project Number:

Project Title:
Thomson Estates Elementary Renovation

Project Location:
203 East Thomson Drive, Elkton

Project Description/Status: **Priority:** 16

This school was built with an open classroom configuration and vaulted wood plank ceilings. While partitions have been added where possible, circulation areas cannot be created without reducing classroom count. Without acoustical ceilings, noise transmission is a real challenge to delivering effective education. HVAC equipment is located in joists and a safety harness must be worn just to change filters on some units. The recent addition of an acoustical ceiling in the cafeteria made a huge improvement to noise levels in that space. This project will address converting the rest of the school into a more conducive learning space.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,500								1,500
Land Acquisition	0								
Site Work	0								
Construction	21,641								21,641
Equipment/Furnishings	0								
Other	0								
Total Cost	23,141	0	0	0	0	0	0	0	23,141

FUNDING SCHEDULE

County Paygo	0								
County Bonds	13,318								13,318
State	9,823								9,823
Federal	0								
Other	0								
Total Funds	23,141	0	0	0	0	0	0	0	23,141

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
Total 0

Project Form A Cecil County Capital Improvements Program 2017

Agency/Department:
CECIL COLLEGE

Project Number:
70021

Project Title: ENGINEERING/MATH BLDG. Phase 2

Project Location:
North East, MD

Project Description/Status: **Priority: Temp U&O**

The College proposes to build a 28,000 gsf building on its North East property to support Engineering, Math/Science and Technology programs and the training needs of the BRAC related workforce associated with Aberdeen Proving Ground, Edgewood Arsenal, and related industries relocating to the region. The concept and program have been approved by the Maryland Higher Education Commission and the Department of Budget and Management. Design services began in the later part of Fiscal Year 2010. Construction began in March 2013 and achieved substantial completion in August 2014. A temporary Certificate of Occupancy was issued on August 12, 2014; the final Certificate of Occupancy is pending completion of as-builts and County final review.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,723	1,723							
Land Acquisition	0								
Site Work	0								
Construction	19,700	19,700							
Equipment/Furnishings	2,067	2,067							
Other	157	157							
Total Cost	23,647	23,647	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	796	796							
County Bonds	8,107	8,107							
State	14,744	14,744							
Federal	0								
Other	0								
Total Funds	23,647	23,647	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: **0**
 Annual Operating/Maintenance Cost: **0**
 New Positions (FTE's): **0.0**

Financial Activity as of **2/5/2016**
 Expended **23,624,886**
 Encumbered **0**
Total 23,624,886

Project Form A Cecil County Capital Improvements Program 2017

Agency/Department:
CECIL COLLEGE

Project Number:

Project Title:
COLLEGE CENTER & CAMPUS ENTRANCE - Phase 1

Project Location:
North East Campus, MD

Project Description/Status:

Priority: 1

This project will be completed in two phases and has three related components: construction of a new College Center which would include a “one stop” student services, demolition and reconstruction of the Facilities Maintenance Building, and additional parking and site work for new primary entrance/roadway to the campus.
Phase 1 includes a new primary entrance with multiple lanes that will meet the requirements for safe access and egress on the North East Campus. The lack of an adequate roadway to evacuate the campus and handle incoming emergency vehicles has been noted as a deficiency and recommendation in each of the campus emergency drills and exercises over the past 8 years. The new Facilities Maintenance Building is proposed to be 16,000 gsf and will be relocated on the North East Campus to make way for the roadway connecting the northern property to the core campus. Phase 1 also includes the extension of utilities: water, sewer, electricity, and telecommunications along the new roadway in preparation for future development.

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,003						1,003		
Land Acquisition	0								
Site Work	0								
Construction	10,504						5,252	5,252	
Equipment/Furnishings	581							581	
Other	0								
Total Cost	12,088	0	0	0	0	0	6,255	5,833	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	4,748						4,296	452	
State	7,340						1,959	5,381	
Federal	0								
Other	0								
Total Funds	12,088	0	0	0	0	0	6,255	5,833	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
 Total 0

Project Form A Cecil County Capital Improvements Program 2017

Agency/Department:
CECIL COLLEGE

Project Number:
70029

Project Title:
INSTRUCTIONAL TECHNOLOGY

Project Location:
North East Campus, MD

Project Description/Status: Priority: 2

The FY 2017 Request includes funding for upgrade of 2 distance learning classrooms, server replacements and the replacement of general classroom computers and printers, faculty and staff desktop computers. Classroom computers are replaced every four years as specified in the technology equipment replacement schedule and best practices in higher education. This request also includes software and hardware to support academic achievement and the learning environment. The projected funding request for future years (2018-2021) is based on scheduled system and hardware replacements, upgrades of classroom technology and other technology improvements to maintain and advance the campus IT infrastructure. A new Information Technology Plan will be completed over the next six months and this information will be used to update these projections.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	3,706		504	577	835	510	525	755	
Other	0								
Total Cost	3,706	0	504	577	835	510	525	755	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	3,706		504	577	835	510	525	755	
State	0								
Federal	0								
Other	0								
Total Funds	3,706	0	504	577	835	510	525	755	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 362,052
 Encumbered 0
Total 362,052

Project Form A Cecil County Capital Improvements Program 2017

Agency/Department: CECIL COLLEGE	Project Number: 70032
Project Title: MECHANICAL/BUILDING INFRASTRUCTURE	Project Location: North East Campus, MD
Project Description/Status:	Priority: 3

Various mechanical components within College facilities have exceeded their standard life cycle and/or replacement parts are no longer available to repair units. These mechanical systems are critical to the building operating systems and conservation of energy. The 2017 CIP Request includes three major components: North East campus building exterior cleaning, mortar repairs and sealant, installation of energy efficient LED exterior lighting in parking lots and pathways and other repairs (including ADA compliance) identified as critical by the recent facilities condition assessment. The projected need for future years (2018 -2021) is based on deferred maintenance projects, scheduled replacements and other energy savings initiatives and will be updated at the completion of the ten-year Campus Master Plan.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	3,131		430	506	465	704	526	500	
Other	0								
Total Cost	3,131	0	430	506	465	704	526	500	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	3,131		430	506	465	704	526	500	
State	0								
Federal	0								
Other	0								
Total Funds	3,131	0	430	506	465	704	526	500	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 318,522
 Encumbered 0
Total 318,522

Project Form A Cecil County Capital Improvements Program 2017

Agency/Department:
CECIL COLLEGE

Project Number:

Project Title:
COLLEGE CENTER & CAMPUS DEV. - Phase 2

Project Location:
North East Campus, MD

Project Description/Status: **Priority:**

This project will be completed in two phases and has three related components: “one stop” Student Services Center, demolition and reconstruction of the Maintenance Building and site work for new primary entrance to the campus.
 Phase 2 consists of a new College Center building that includes a "one stop" for all student services functions. These services will be housed on the first two floors of the new College Center facility and will serve the College’s growing student population by providing the following services: Admissions, Advising, Bookstore, Career Development, Registration, Financial Aid, Food Service, Student Government and Activities Offices, Health Services and Conference Center. The third floor of the College Center will consolidate the administrative functions of the College in one location. The spaces vacated by this consolidation will be renovated into instructional and instructional support space under a separate, future project. The new College Center is proposed to be approximately 62,000 gsf.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	4,300								4,300
Land Acquisition	0								-
Site Work	0								-
Construction	39,400								39,400
Equipment/Furnishings	6,900								6,900
Other	0								-
Total Cost	50,600	-	-	-	-	-	-	-	50,600

FUNDING SCHEDULE

County Paygo	0									-
County Bonds	19,886									19,886
State	30,714									30,714
Federal	0									-
Other	0									-
Total Funds	50,600	-	-	-	-	-	-	-	-	50,600

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
 Total 0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: **Cecil County Public Library** Project Number: **72023**

Project Title: **Elkton Energy and Building Improvements B** Project Location: **301 Newark Ave Elkton**

Project Description/Status: _____ Priority: **2**

Part B of this project is the construction of solar array for the Elkton Central Library. When we met with state officials in support of our grant request for a state match for the Elkton Energy and Building Improvements project, they expressed support for project in general, and they strongly encouraged us to include a solar component in our grant request. State reviews indicated support for the solar component as a state prototype for retrofitting a public library with solar. We have included that component as Project Number 1 B. The construction of a 77.5KW solar roof array would provide additional energy savings for an estimated 30 year period. We project that the state (MSDE/DBM) will recommend a 50% match for the complete project (A&B), subject to confirmation by the General Assembly in the next session. If approved, the county cost of part 1 A and 1B would be \$75,000 less than part A alone had been in the approved CIP for FY 2013.



Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	28	28							
Land Acquisition	0								
Site Work	0								
Construction	300	300							
Equipment/Furnishings	0								
Other	0								
Total Cost	328	328	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	164	164							
County Bonds	0								
State	164	164							
Federal	0								
Other	0								
Total Funds	328	328	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: **0**
 Annual Operating/Maintenance Cost: **0**
 New Positions (FTE's): **0.0**

Financial Activity as of **2/5/2016**
 Expended **0**
 Encumbered **0**
Total **0**

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: **Cecil County Public Library** Project Number: **72019**

Project Title: **Rising Sun Branch Security/ Retrofits** Project Location: **111 Colonial Drive Rising Sun**

Project Description/Status: _____ Priority: **1**



The Rising Sun Branch is one of the busiest libraries in Cecil County and is a hub of the greater Rising Sun community. Rising Sun was designed in the early 90s prior to the introduction of technology now integral to library services and operations. After successfully addressing long term issues with roof and windows in FY13, this project will implement technology and layout improvements that will greatly improve efficiency, workflow, and both public space and work space allocations. These changes are consistent with improvements already part of other CCPL branches. Rising Sun Branch will be retrofitted and updated with security and self-check out technology now in the Perryville, Chesapeake City and Elkton Libraries. A new layout will allow us to expand the heavily used and undersized children's area through space reallocation. This library is in the region of Cecil County eligible for slots funds. CCPL has received a partial match from private funds raised by CCPL support organizations. Cost estimates for this project are updated based on current costs for library and similar construction in Maryland.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	21	21							
Land Acquisition	0								
Site Work	0								
Construction	272	272							
Equipment/Furnishings	119	119							
Other	8	8							
Total Cost	420	420	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	390	390							
County Bonds	0								
State	0								
Federal	0								
Other	30	30							
Total Funds	420	420	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: **0**
 Annual Operating/Maintenance Cost: **0**
 New Positions (FTE's): **0.0**

Financial Activity as of **2/5/2016**
 Expended **17,500**
 Encumbered **0**
Total **17,500**

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department:
Cecil County Public Library

Project Number:
72018

Map Location

Project Title:
North East Branch Library

Project Location:
North East



Project Description/Status: **Priority:** 1

The need for a new library in North East is at the critical stage. The current North East Branch, 2,800 sq.ft. is far too small to serve one of the county's largest communities with 26,000 citizens. Usage levels are overwhelming and growing. This project has been in the adopted CIP for over 5 years. A 3.5 prime acre site in the middle of this community was purchased in mid-2015 with state and county funds and it now awaits construction funding. The community and state grantors are anxious for this land to be used as planned in the previous adopted CIPs. The new two story library is planned to meet MD's minimum standard for this size community--30,000 sq. ft. public library space. CCPL uses an additional 15,000 sq.ft. to relocate its hdq. operating space, thereby benefitting the two largest Cecil County communities with one project. The Elkton Library is CCPL's busiest branch and serves a community of comparable size, is 25,000 sq. ft. and is crowded with users, services, and materials, and the current headquarters operations space. By moving CCPL's headquarters operations from Elkton to the new branch, the Elkton Library could increase much in-demand user space for the public. State competitive grant estimates are shown below. Construction related cost estimates for this project are updated and expected to increase 5% per year based on current costs for library and similar construction in Maryland. Library "opening day" collection costs of \$563,000 are included. Funding necessary for completion: 18,652,000. Projected state grant funding is estimated in funding schedule below. Additional state grant funding will be sought.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,300				1,010	180	110		
Land Acquisition	1,126	1,126							
Site Work	1,000				50	900	50		
Construction	13,864	187				7,977	5,700		
Equipment/Furnishings	1,567						1,567		
Other	1,108					285	823		
Total Cost	19,965	1,313	0	0	1,345	9,057	8,250	0	0

FUNDING SCHEDULE

County Paygo	750	750							
County Bonds	15,845				538	8,057	7,250		
State	3,370	563			807	1,000	1,000		
Federal	0								
Other	0								
Total Funds	19,965	1,313	0	0	1,345	9,057	8,250	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 1,129,748
 Encumbered 0
Total 1,129,748

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DES	Project Number: 50038	Map Location	
Project Title: CAD Replacement	Project Location: Elkton, Md		
Project Description/Status: Priority: Current			
<p>The current CAD serves the 911 Center, DES, 9 Volunteer fire companies, CCSO, North East, Elkton, Perryville and Rising Sun PDs. The current system is approaching 8 years old and does not serve the needs of the public safety agencies. Further, Cecil County pays \$80k in annual service fees to maintain the system and most of the agencies have never used the features. The system has never been user friendly. Technology has yielded several other products that keep pace with today's environment. A suitable replacement will provide CAD services to all of the partnering agencies with current technological capabilities. 2015 funding is to account for Detention Center jail management system.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	2,880	2,880							
Total Cost	2,880	2,880	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	2,000	2,000							
State	880	880							
Federal	0								
Other	0								
Total Funds	2,880	2,880	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	1,938,430
Annual Operating/Maintenance Cost:	0	Encumbered	46,894
New Positions (FTE's):	0.0	Total	<u>1,985,324</u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DES	Project Number:	Map Location	
Project Title: P25 Dispatch migration - Phase I	Project Location: Elkton, Md		
Project Description/Status:	Priority: 1		
<p>Cecil County Communications is reaching its 10th anniversary since installation. The radio system itself is scheduled for a changeover to the P25 technology (Project 25). Project 25 (P25 or APCO-25) is a suite of standards for digital radio communications for use by federal, state and local public safety agencies in North America to enable them to communicate with other agencies and mutual aid response teams in emergencies. In this regard, P25 fills the same role as the European Terrestrial Trunked Radio (TETRA) protocol, although not interoperable with it. The current EDACS system will no longer be supported after 2014. This expenditure is a transformation of the dispatch center and backup center to P25 ready. It is a first step towards the conversion of the entire system to P25.</p>			

This expenditure begins the process

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	2,300		2,300						
Total Cost	2,300	0	2,300	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,300		2,300						
State	0								
Federal	0								
Other	0								
Total Funds	2,300	0	2,300	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 13,607
 Total 13,607

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DES	Project Number:	Map Location	
Project Title: P25 Dispatch migration - Phase II	Project Location: Elkton, Md		
Project Description/Status:	Priority: 2		
<p>Cecil County Communications is comprised of 9 tower sites in Cecil County. These sites provide the connectivity to the radio system between the dispatch center and the user units. This component of the P25 upgrade will bring the tower sites into compliance of the P25 standard. This is the second phase of the system upgrade.</p>			

This expenditure begins the process

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	5,265				5,265				
Total Cost	5,265	0	0	0	5,265	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	3,515				3,515				
State	1,750				1,750				
Federal	0								
Other	0								
Total Funds	5,265	0	0	0	5,265	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	<u>0</u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DES	Project Number:	Map Location	
Project Title: P25 Dispatch migration - Phase III	Project Location: Elkton, Md		
Project Description/Status:	Priority: 3		
<p>Cecil County Communications system is comprised of 1500 user units. The portable, mobile, and base station radios provide the direct communication between personnel and dispatch. The current user units are nearing end of life and are original to the system. The replacement P25 units will provide multi frequency use and incorporate the MdFirst 700 mhz system into Cecil County. This is of paramount importance to our interoperability with surrounding jurisdictions. Cecil County is surrounded by two states and two Maryland counties all on different radio frequencies.</p>			

This expenditure begins the process									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	3,400					3,400			
Total Cost	3,400	0	0	0	0	3,400	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	1,650					1,650			
State	1,750					1,750			
Federal	0								
Other	0								
Total Funds	3,400	0	0	0	0	3,400	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DES	Project Number:
Project Title: Paramedic Station 4	Project Location: Cecil College Station
Project Description/Status:	
Priority: 4	
<p>This is a replacement station for the agency as well as a radio installation shop. The Current Central Station on the Howell property is reaching the maturity of a 10 year lease. Further, the sale of the radio shop on the North St property has left a need for an installation shop. An additional bay will be included in this construction to address that need.</p>	



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	100							100	
Land Acquisition	0								
Site Work	0								
Construction	1,100								1,100
Equipment/Furnishings	200								200
Other	0								
Total Cost	1,400	0	0	0	0	0	0	100	1,300

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,400							100	1,300
State	0								
Federal	0								
Other	0								
Total Funds	1,400	0	0	0	0	0	0	100	1,300

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DES	Project Number:
Project Title: Fair Hill Station	Project Location: Fair Hill
Project Description/Status:	
Priority: 5	

Based on anticipated growth and vehicle response times a station in the Fair Hill area is anticipated. This project will include land acquisition as well as construction. The building will continue with the same design as previous DES projects. Geographically, this will provide a well balanced response configuration



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	75								75
Land Acquisition	200								200
Site Work	60								60
Construction	950								950
Equipment/Furnishings	25								25
Other	0								0
Total Cost	1,310	0	0	0	0	0	0	0	1,310

FUNDING SCHEDULE

County Paygo	275								275
County Bonds	1,035								1,035
State	0								
Federal	0								
Other	0								
Total Funds	1,310	0	0	0	0	0	0	0	1,310

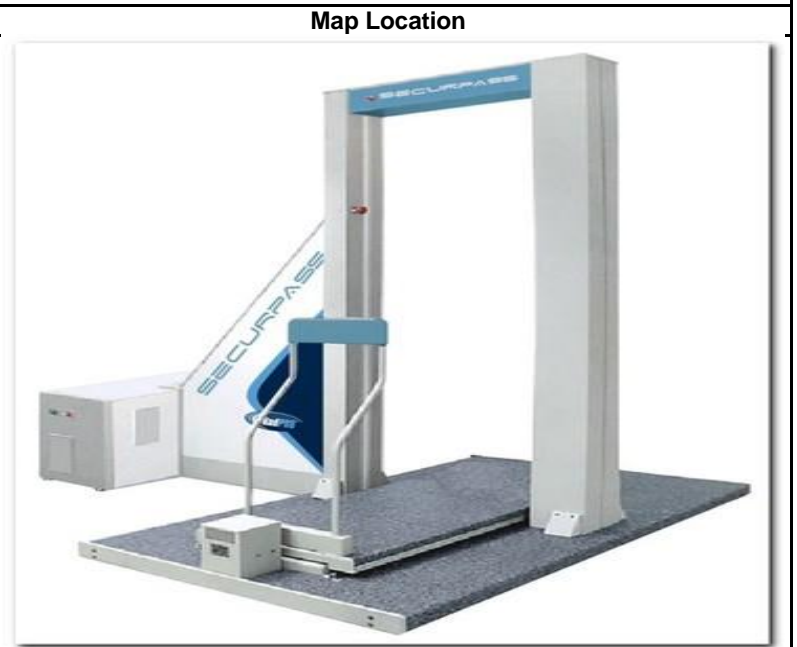
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
Total 0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: Cecil County Sheriff	Project Number:
Project Title: Body Cavity Scanner	Project Location: 500 Landing Lane, Elkton, MD
Project Description/Status:	
Priority:	
<p>This project anticipates the purchase of a SecurPASS Whole Body Digital Security Imaging System. The Cecil County Correctional Facility has increasingly encountered inmates attempting to bring contraband items into the facility. Typical methods include but are not limited to secreting items in the mouth, hair, armpit, anal cavity and vaginal cavity. Contraband can best be described as anything that an inmate cannot legally or by policy possess or have within their control. Good pat downs and strip searches by correctional officers are the primary defense against contraband smuggling. However, more creative methods of bringing items into the facility cause the contraband to go undetected and in turn are introduced into the inmate population. If staff suspects an inmate has secreted contraband a search and seizure warrant must be obtained to stop the contraband from entering the inmate population. When weapons and/or drugs are in the hands of the inmates, the potential for bodily harm via a weapon or drug overdose becomes a liability issue for the facility staff, county officials, and ultimately the taxpayers. The purchase of a body scanner capable of detecting all items of contraband on and in the body of a person committed would not only provide detection of drugs and weapons but would significantly decrease our liability. Sheriff Adams proposed cancellation of this project at this time to focus more fully on other operational needs for the Sheriff's Office.</p>	



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	5								5
Equipment/Furnishings	180								180
Other	0								
Total Cost	185	0	0	0	0	0	0	0	185

FUNDING SCHEDULE

County Paygo	0								
County Bonds	185								185
State	0								
Federal	0								
Other	0								
Total Funds	185	0	0	0	0	0	0	0	185

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	10,000
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52684
Project Title: Red Toad Road at Route 40 Intersection Improvements	Project Location: North East, MD
Project Description/Status:	Priority: 1

Map Location

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This project consists of an addition of a dedicated right turn/decel lane on Route 40 west bound at Red Toad Rd. and associated improvements on the north east corner of the intersection. It is proposed that the right turn lane be constructed in coordination with the Razor Strap Rd. Bridge Project (#52080) to encourage motorists to remain west bound on Route 40 rather than cut through on Razor Strap Rd. to Red Toad Rd. when the new bridge is opened. **PROJECT IS ADVERTISED FOR CONSTRUCTION STARTING SPRING 2015**

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	48,000	48,000							
Land Acquisition	50,000	50,000							
Site Work	25,000	25,000							
Construction	1,075,000	450,000	625,000						
Equipment/Furnishings	0								
Other	0								
Total Cost	1,198,000	573,000	625,000	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	98,000	98,000							
County Bonds	1,100,000	475,000	625,000						
State	0								
Federal	0								
Other	0								
Total Funds	1,198,000	573,000	625,000	0	0	0	0	0	0

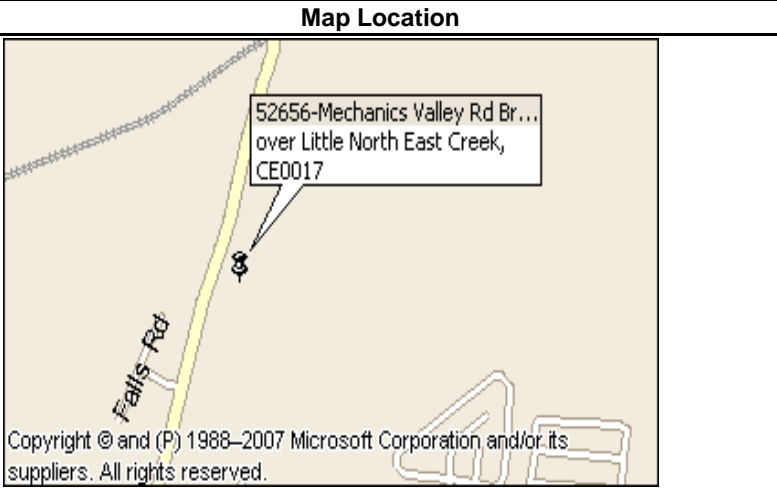
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	224,424
Encumbered	71,973
Total	<u>296,396</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52656
Project Title: Replacement of Bridge CE0017 Mechanics Valley over Little North East Creek	Project Location: North East, MD
Project Description/Status:	Priority: 2



This bridge is a single span steel beam bridge with a concrete deck. The bridge was built in 1964; rehabilitated in 2005. It has an overall length of 60' with a clear roadway width of 24'3". The 2011 BSR was 65.5. This project consists of replacement of the existing structure. 2004 ADT 4267.
PROJECT IS UNDER CONSTRUCTION

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	260,000	260,000							
Land Acquisition	50,000	50,000							
Site Work	50,000	50,000							
Construction	1,300,000		1,300,000						
Equipment/Furnishings	0								
Other	0								
Total Cost	1,660,000	360,000	1,300,000	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	360,000	360,000							
County Bonds	1,300,000		1,300,000						
State	0								
Federal	0								
Other	0								
Total Funds	1,660,000	360,000	1,300,000	0	0	0	0	0	0

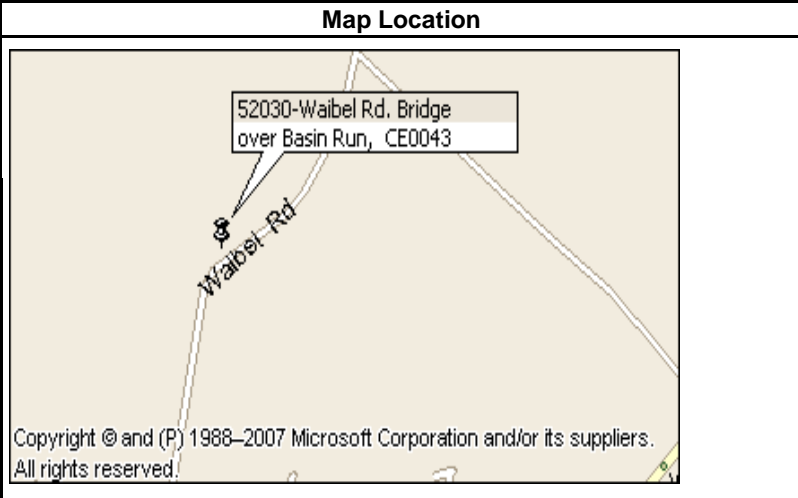
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	299,199
Encumbered	1,293,282
Total	<u><u>1,592,481</u></u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52030
Project Title: Replacement of Bridge CE0043 Waibel Road over Basin Run	Project Location: Colora, MD
Project Description/Status:	Priority: 3



This is a two span continuous cast in place bridge, 24' long with a clear roadway width of 29'7". The structure is currently closed to traffic and has been removed. This project to be bid with Project 52664, Intersection Improvements to Waibel Road and Firetower Road. **PROJECT IS ADVERTISED FOR CONSTRUCTION STARTING SPRING 2016.**

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	220,000	220,000							
Land Acquisition	50,000	50,000							
Site Work	50,000	50,000							
Construction	600,000	600,000							
Equipment/Furnishings	0								
Other	0								
Total Cost	920,000	920,000	0	0	0	0	0	0	0

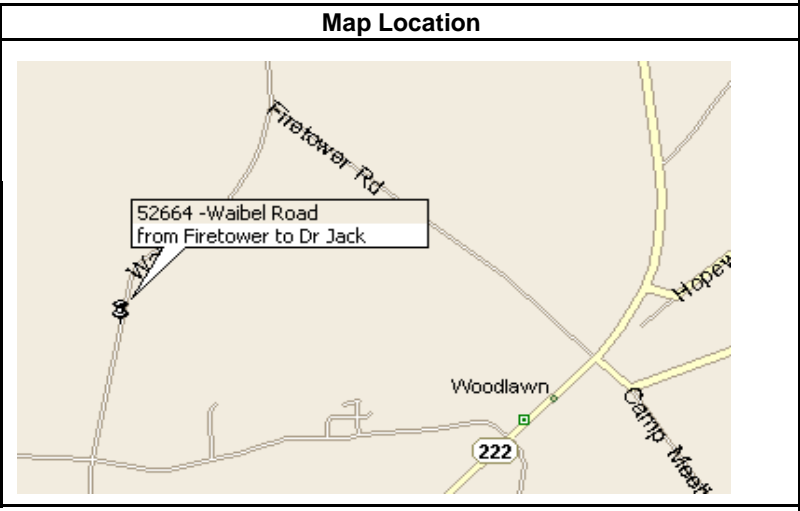
FUNDING SCHEDULE

County Paygo	0								
County Bonds	750,000	750,000							
State	0								
Federal	0								
Other	170,000	170,000							
Total Funds	920,000	920,000	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	140,604
Annual Operating/Maintenance Cost:	0	Encumbered	71,327
New Positions (FTE's):	0.0	Total	<u>211,931</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52664
Project Title: Road Improvements Waibel Rd. from Firetower to Dr. Jack	Project Location: Colora, MD
Project Description/Status:	Priority: 4



Adjust alignment and profile to improve sight distances and upgrade road and drainage. This intersection improvement project is a public safety issue at the Woodlawn Transfer Station. This project to be bid with Project 52030, Waibel Road Bridge Replacement. **PROJECT IS ADVERTISED FOR CONSTRUCTION STARTING SPRING 2015**

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	150,127	150,127							
Land Acquisition	100,000	100,000							
Site Work	50,000	50,000							
Construction	950,000	400,000	550,000						
Equipment/Furnishings	0								
Other	0								
Total Cost	1,250,127	700,127	550,000	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,150,127	600,127	550,000						
State	0								
Federal	0								
Other	100,000	100,000							
Total Funds	1,250,127	700,127	550,000	0	0	0	0	0	0

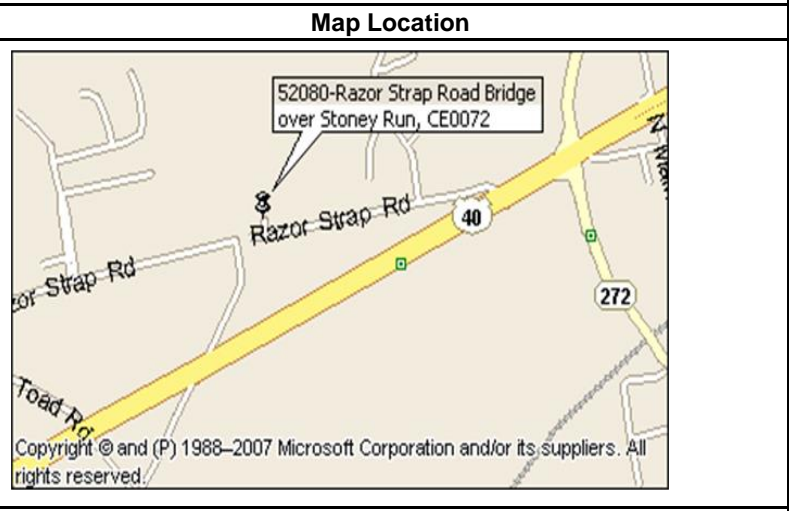
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	242,580
Encumbered	59,819
Total	<u>302,400</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52080
Project Title: Replacement of Bridge CE0072 Razor Strap Rd over Stoney Run	Project Location: North East, MD
Project Description/Status:	Priority: 5



This is a two span concrete, steel, and timber bridge, built 1930, 52' long with a clear roadway of 16'. Its 2005 inspection BSR is 14.6 and is closed to vehicular and pedestrian traffic. In 2005 the bridge deck was removed. This project includes 370 ft of approach work on the west side of the bridge. The project will be bid with Phase 2 of Razor Strap Road Improvements, Project #52223. Wells Camp Road between Razor Strap Road and MD Route 40 to be evaluated.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	252,000	252,000							
Land Acquisition	140,000	140,000							
Site Work	280,000	280,000							
Construction	2,153,160	1,553,160		600,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	2,825,160	2,225,160	0	600,000	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	225,160	225,160							
County Bonds	2,400,000	1,800,000		600,000					
State	0								
Federal	0								
Other	200,000	200,000							
Total Funds	2,825,160	2,225,160	0	600,000	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	331,360
Annual Operating/Maintenance Cost:	0	Encumbered	132,914
New Positions (FTE's):	0.0	Total	<u><u>464,273</u></u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52223
Project Title: Razor Strap Rd Improvements, Ph 1 & 2	Project Location: North East, MD
Project Description/Status:	Priority: 6

Map Location

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This project consists of geometric improvements to the intersection of Razor Strap Rd. and Red Toad Rd. and widening of Razor Strap Rd. to minor collector road standards. Note: This project will be coupled with Razor Strap Rd. Bridge, CE0108, Project #52080 and will be done in two phases: Phase 1: North Woods to Red Toad Rd. is completed. Phase 2: Razor Strap Rd. Bridge to Lakeside Drive.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	370,000	370,000							
Land Acquisition	930,000	930,000							
Site Work	200,000	200,000							
Construction	1,801,867	1,301,867		500,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	3,301,867	2,801,867	0	500,000	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	381,596	381,596							
County Bonds	2,220,271	1,720,271		500,000					
State	0								
Federal	0								
Other - Dev. Contribution/VLT	700,000	700,000							
Total Funds	3,301,867	2,801,867	0	500,000	0	0	0	0	0

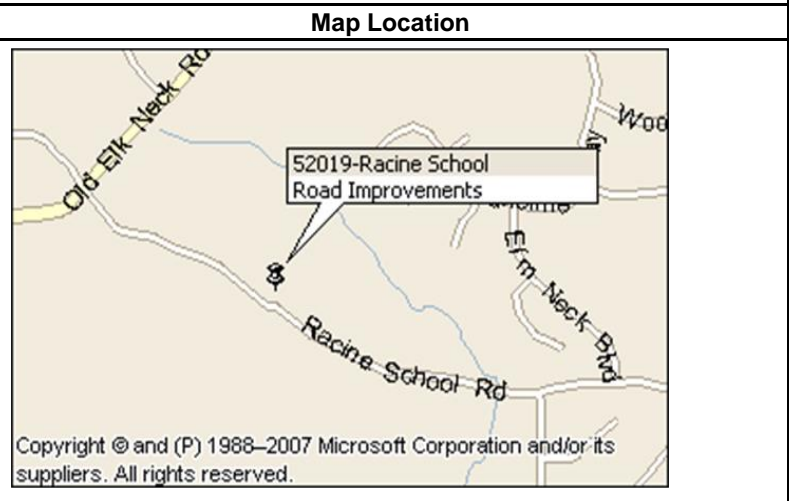
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	1,325,611
Encumbered	73,155
Total	<u>1,398,766</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52019
Project Title: Racine School Road Improvements	Project Location: Elkton, MD
Project Description/Status:	Priority: 7



This project will consist of road widening and drainage improvements to upgrade to a minor collector road on Racine School Road from Old Elk Neck Road to Oldfield Point Road, to include intersection improvements at Old Elk Neck Road and replacement of a culvert at Jones Creek.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	338,249	338,249							
Land Acquisition	113,722	113,722							
Site Work	150,000	150,000							
Construction	2,500,000			2,500,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	3,101,971	601,971	0	2,500,000	0	0	0	0	0

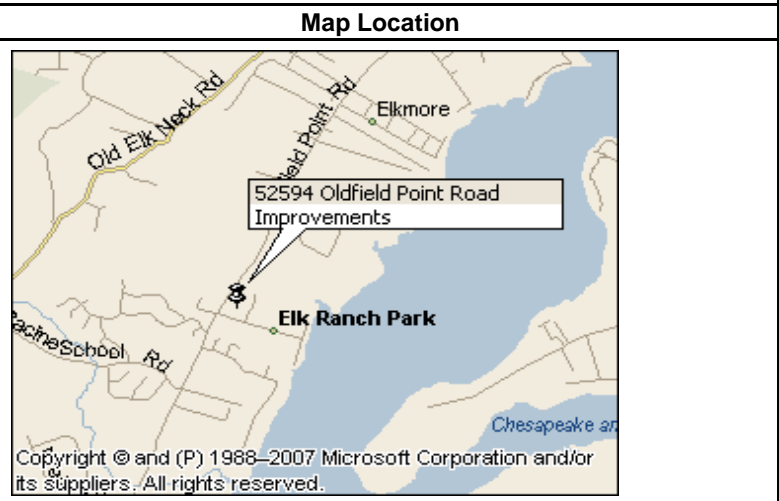
FUNDING SCHEDULE

County Paygo	601,971	601,971							
County Bonds	2,500,000			2,500,000					
State	0								
Federal	0								
Other	0								
Total Funds	3,101,971	601,971	0	2,500,000	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	479,974
Annual Operating/Maintenance Cost:	0	Encumbered	38,652
New Positions (FTE's):	0.0	Total	<u>518,626</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52594
Project Title: Oldfield Point Road Improvements (Old Chestnut to Old Ferry)	Project Location:
Project Description/Status:	Priority: 8



This project includes widening roadway, improving horizontal and vertical alignments, constructing a bridge at Jones Creek, in addition to four (4) culverts and stormwater management improvements on Oldfield Point Road from Old Chestnut Road to Old Ferry Road. 2008 ADT was 2463. Utility relocations are required for this project.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	562,163	562,163							
Land Acquisition	2,127,242	1,627,242		500,000					
Site Work	6,000,000	500,000	1,000,000	500,000	4,000,000				
Construction	12,000,000					12,000,000			
Equipment/Furnishings	0								
Other	0								
Total Cost	20,689,405	2,689,405	1,000,000	1,000,000	4,000,000	12,000,000	0	0	0

FUNDING SCHEDULE

County Paygo	1,573,855	1,573,855							
County Bonds	19,115,550	1,115,550	1,000,000	1,000,000	4,000,000	12,000,000	0		
State	0								
Federal	0								
Other	0								
Total Funds	20,689,405	2,689,405	1,000,000	1,000,000	4,000,000	12,000,000	0	0	0

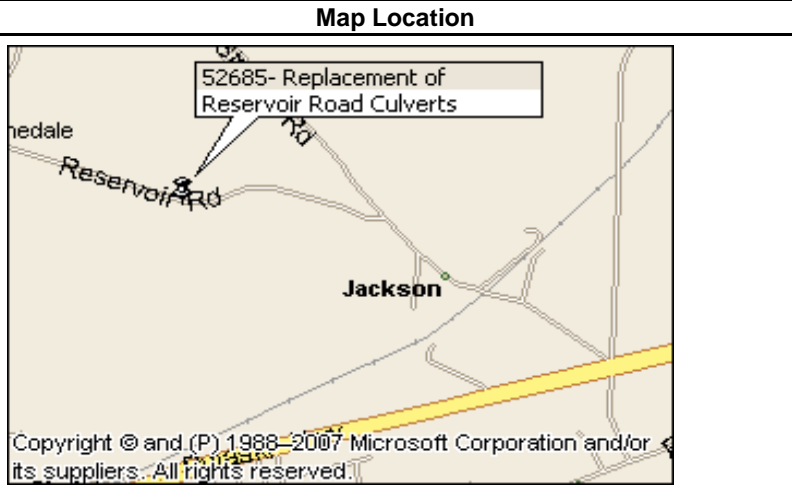
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	1,590,613
Encumbered	412,459
Total	<u><u>2,003,072</u></u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52685
Project Title: Replacement of Reservoir Road Culverts	Project Location: Perryville, MD
Project Description/Status:	Priority: 9



This project is the replacement of an existing culverts with larger fixed spans or bridge structures with minor approach improvements.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	225,000	225,000							
Land Acquisition	60,000	60,000							
Site Work	60,000	60,000							
Construction	1,400,000	750,000	200,000	450,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	1,745,000	1,095,000	200,000	450,000	0	0	0	0	0

FUNDING SCHEDULE

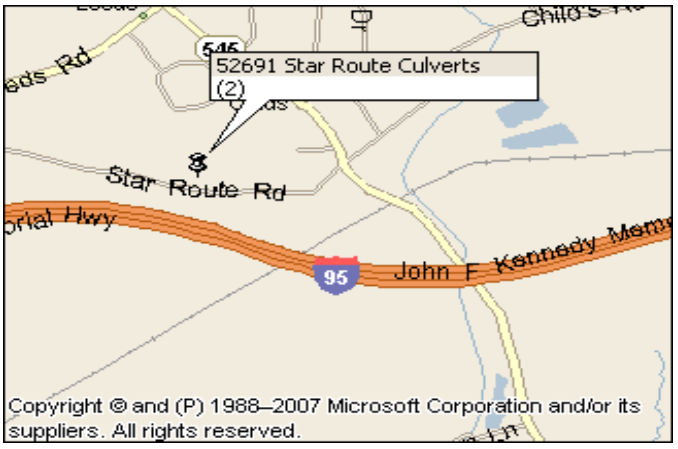
County Paygo	85,000	85,000							
County Bonds	1,660,000	1,010,000	200,000	450,000					
State	0								
Federal	0								
Other	0								
Total Funds	1,745,000	1,095,000	200,000	450,000	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	549,660
Annual Operating/Maintenance Cost:	0	Encumbered	263,515
New Positions (FTE's):	0.0	Total	<u>813,175</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52691
Project Title: Replace Star Route Rd. Culverts (2)	Project Location: Elkton, MD
Project Description/Status:	Priority: 10

Map Location



This project consists of replacing an existing culvert that have deteriorated with new a culvert along with associated minor drainage, site and roadway approach improvements.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	15,000		15,000						
Land Acquisition	10,000		10,000						
Site Work	100,000		100,000						
Construction	533,700	283,700	200,000	50,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	658,700	283,700	325,000	50,000	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	658,700	283,700	325,000	50,000					
State	0								
Federal	0								
Other	0								
Total Funds	658,700	283,700	325,000	50,000	0	0	0	0	0

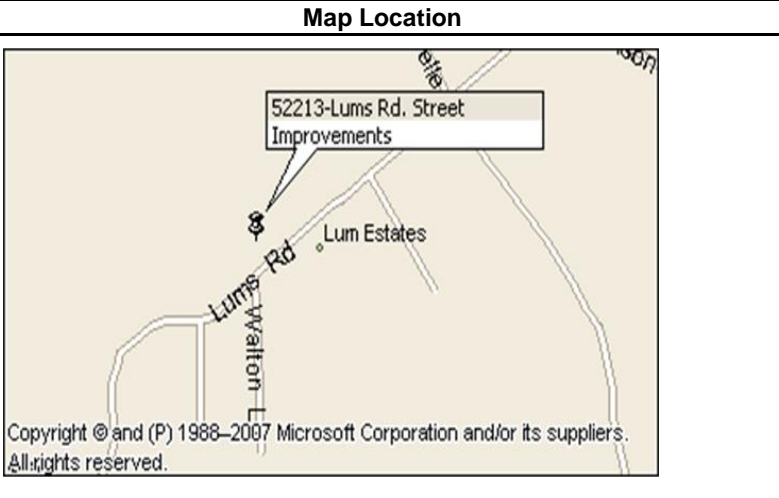
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	293,934
Encumbered	20,678
Total	<u>314,612</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52213
Project Title: Lums Rd. Street Improvements Bouchelle Rd. to Little North East Creek	Project Location: North East, MD
Project Description/Status:	Priority: 11



Lums Road has been a relief route for truck traffic from Mechanics Valley Road. The road has been closed to truck traffic because of its poor alignment and degraded condition. The resulting re-routing of traffic to Mechanics Valley has impacted the condition of the road and bridges CE0017 and CE0042. This project will involve roadway widening of Lums Road between Bouchelle Road to approximately 500 feet west of Plummer Road and includes roadway surface improvements on Lums Road between Bouchelle Road and Stevenson Road, and between MD272 to Plummer Road. This project will seek coordination and cost sharing agreement between the County and the Town of Northeast for the surface improvements on Lums Road that are under the Towns limits on the projects western limits towards MD 272. Deferred by County Council 6-2-2015.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	450,000		100,000	350,000					
Land Acquisition	100,000			100,000					
Site Work	250,000			250,000					
Construction	2,400,000				2,400,000				
Equipment/Furnishings	0								
Other	0								
Total Cost	3,200,000	0	100,000	700,000	2,400,000	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	3,200,000		100,000	700,000	2,400,000				
State	0								
Federal	0								
Other	0								
Total Funds	3,200,000	0	100,000	700,000	2,400,000	0	0	0	0

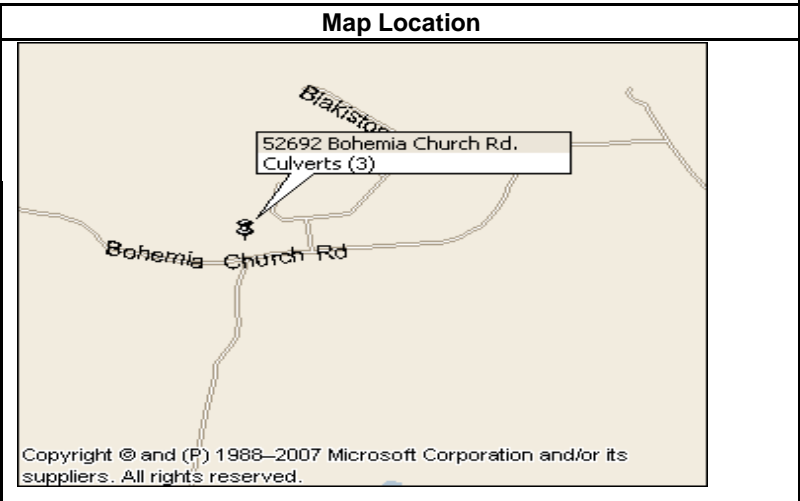
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	100,000
Total	100,000

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52692
Project Title: Replacement of Bohemia Church Road Culverts (3)	Project Location: Warwick, MD
Project Description/Status:	Priority: 12



This project consists of replacment of three (3) existing culverts that have deteriorated with new culverts along with minor drainage, site work, and roadway improvements. Culverts XCE1073, XCE1074, XCE1075. Deferred to a later fiscal year by County Council from FY 2016 6-2-2015.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	160,000			160,000					
Land Acquisition	55,000			55,000					
Site Work	60,000			60,000					
Construction	1,150,000				1,150,000				
Equipment/Furnishings	0								
Other	0								
Total Cost	1,425,000	0	0	275,000	1,150,000	0	0	0	0

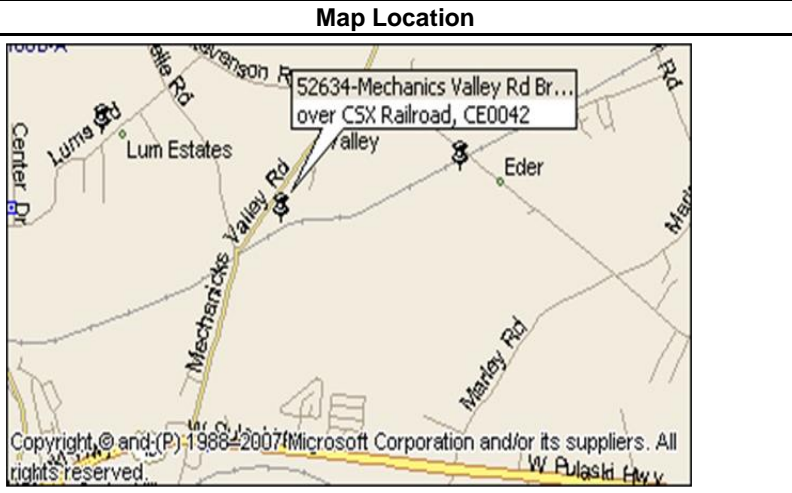
FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,425,000			275,000	1,150,000				
State	0								
Federal	0								
Other	0								
Total Funds	1,425,000	0	0	275,000	1,150,000	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52634
Project Title: Replacement of Bridge CE0042 Mechanics Valley Rd over CSX	Project Location: North East, MD
Project Description/Status:	Priority: 13



This is a five span concrete bridge, built 1975, 142' long with a clear roadway of 22'. Its 2011 inspection BSR is 60.4 and has no load posting. 9/04 ADT was 4094. Plans to include geometric improvements to the intersection of Mechanics Valley Rd. and Bouchelle Rd.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	824,842	124,842	500,000	200,000					
Land Acquisition	150,000			150,000					
Site Work	250,000			250,000					
Construction	5,400,000				5,400,000				
Equipment/Furnishings	0								
Other	0								
Total Cost	6,624,842	124,842	500,000	600,000	5,400,000	0	0	0	0

FUNDING SCHEDULE

County Paygo	83,000	83,000							
County Bonds	1,341,842	41,842	100,000	120,000	1,080,000				
State	0								
Federal	5,200,000		400,000	480,000	4,320,000				
Other	0								
Total Funds	6,624,842	124,842	500,000	600,000	5,400,000	0	0	0	0

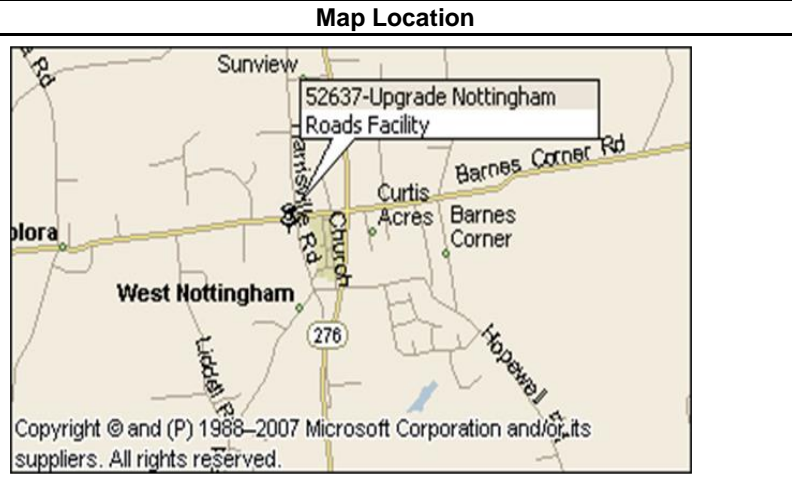
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	46,815
Encumbered	0
Total	<u>46,815</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52637
Project Title: Upgrade Nottingham Roads Facility	Project Location: 191 Harrisville Rd., Colora
Project Description/Status:	Priority: 14



Rehabilitation of office/maintenance building to include upgrades to electricity, plumbing, change floor plan, roof repairs, security system installation, lighting, fencing, and replace existing storage sheds and new septic system.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	133,178	133,178							
Land Acquisition	0								
Site Work	0								
Construction	780,000	780,000							
Equipment/Furnishings	20,000	20,000							
Other	0								
Total Cost	933,178	933,178	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	128,178	128,178							
County Bonds	805,000	805,000							
State	0								
Federal	0								
Other	0								
Total Funds	933,178	933,178	0	0	0	0	0	0	0

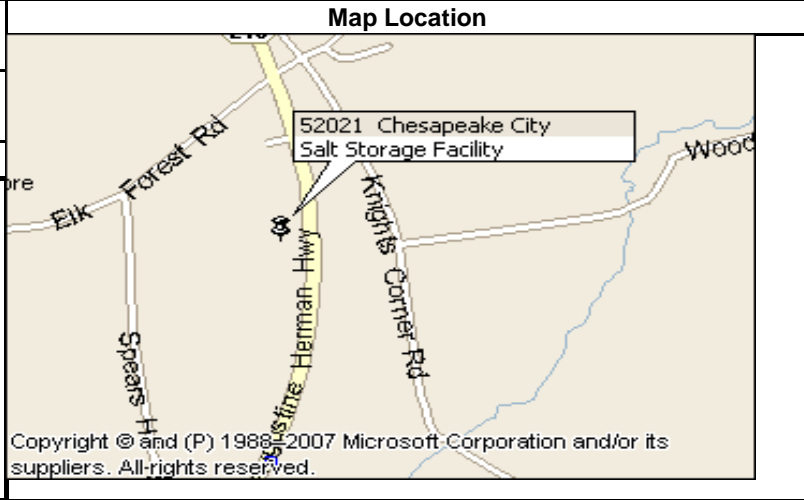
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	97,153
Encumbered	19,973
Total	<u>117,126</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52021
Project Title: Chesapeake City Salt Storage Facility	Project Location: Elkton, MD
Project Description/Status:	Priority: 15



Increased snow removal demands would be better met with a satellite facility in this area that would reduce trip times and lower fuel costs. Proposed structure is a pole barn with lighting.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	80,000								80,000
Land Acquisition	125,000	125,000							
Site Work	0								
Construction	620,000								620,000
Equipment/Furnishings	0								
Other	0								
Total Cost	825,000	125,000	0	0	0	0	0	0	700,000

FUNDING SCHEDULE

County Paygo	125,000	125,000							
County Bonds	700,000								700,000
State	0								
Federal	0								
Other	0								
Total Funds	825,000	125,000	0	0	0	0	0	0	700,000

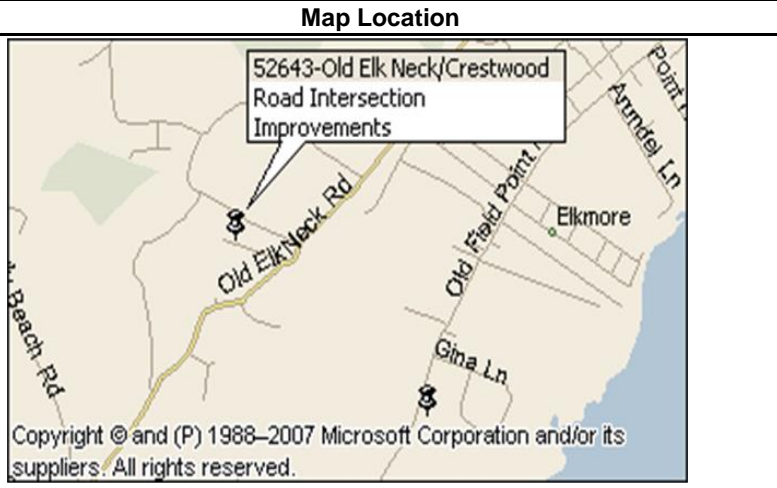
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	27,230
Encumbered	442
Total	<u>27,672</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52643
Project Title: Old Elk Neck/Crestwood Rd Intersection Improvements	Project Location: Elkton, MD
Project Description/Status:	Priority: 16



It is proposed to improve geometrics of the intersection by removing the reverse curves in Old Elk Neck Road and making a T-Intersection at Crestwood Drive. This will require substantial land acquisition and utility relocations.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	150,000						150,000		
Land Acquisition	100,000						100,000		
Site Work	100,000						100,000		
Construction	600,000							600,000	
Equipment/Furnishings	0								
Other	0								
Total Cost	950,000	0	0	0	0	0	350,000	600,000	0

FUNDING SCHEDULE

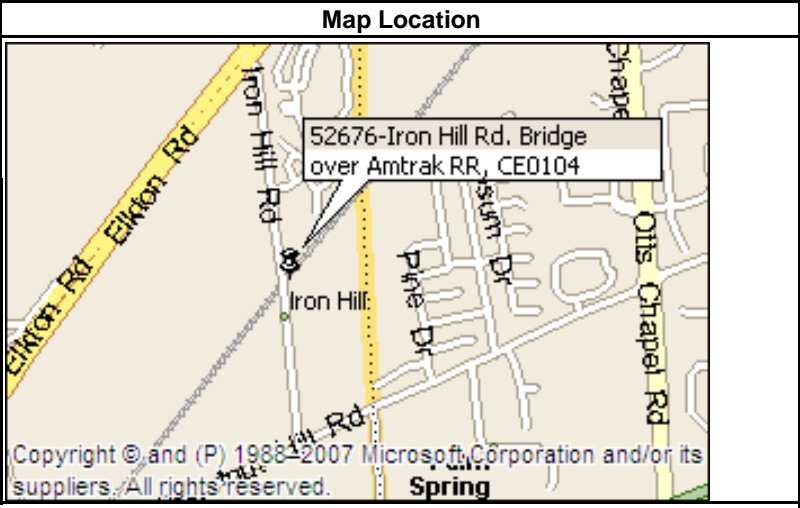
County Paygo	0								
County Bonds	950,000						350,000	600,000	
State	0								
Federal	0								
Other	0								
Total Funds	950,000	0	0	0	0	0	350,000	600,000	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	2/5/2016
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52676
Project Title: Rehabilitate Bridge CE0104 Iron Hill Road over Amtrak	Project Location: Elkton, MD
Project Description/Status:	Priority: 17



This bridge was built in 1981 and consists of weathered steel beams and has a length of 307 ft and an ADT of 1057. Its 2011 BSR is 81.8. Rehabilitation consist of repair bridge joints, zone painting, and miscellaneous repairs. Traffic detour, railroad fees and access are major cost contributors.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	40,000						40,000		
Land Acquisition	0								
Site Work	0								
Construction	250,000							250,000	
Equipment/Furnishings	0								
Other	0								
Total Cost	290,000	0	0	0	0	0	40,000	250,000	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	290,000						40,000	250,000	
State	0								
Federal	0								
Other	0								
Total Funds	290,000	0	0	0	0	0	40,000	250,000	0

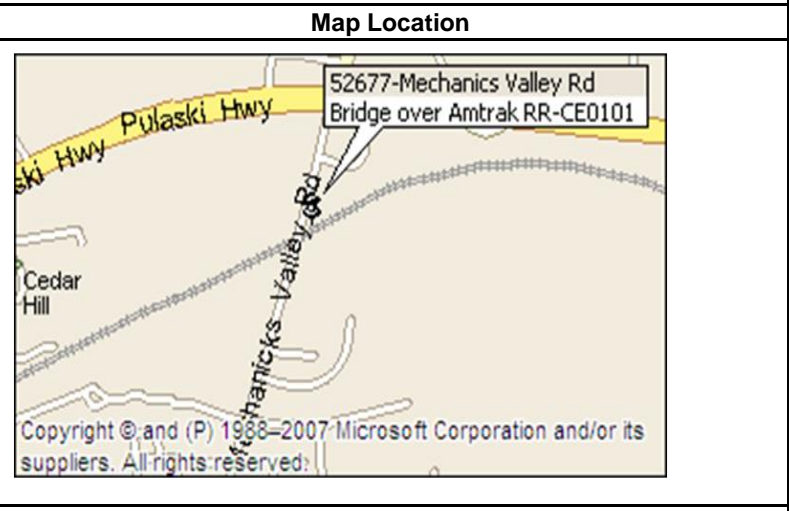
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52677
Project Title: Rehabilitate Bridge CE0101 Mechanics Valley Rd. over Amtrak	Project Location: North East, MD
Project Description/Status:	Priority: 18



This bridge was built in 1980 and consists of weathered steel beams and has a length of 283 ft and an ADT of 7198. Its 2011 BSR is 95.8. Rehabilitation consist of repair bridge joints, zone painting, and miscellaneous repairs. Traffic detour railroad fees and access are major cost contributors.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	40,000						40,000		
Land Acquisition	0								
Site Work	0								
Construction	250,000							250,000	
Equipment/Furnishings	0								
Other	0								
Total Cost	290,000	0	0	0	0	0	40,000	250,000	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	290,000						40,000	250,000	
State	0								
Federal	0								
Other	0								
Total Funds	290,000	0	0	0	0	0	40,000	250,000	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52697
Project Title: Rehabilitate Bridge CE-0102 Old Elk Neck Road over Amtrak	Project Location: Elkton, MD
Project Description/Status:	Priority: 19

Map Location

This bridge was built in 1980 and consists of weathered steel beams and has a length of 221 ft. and an ADT of 4565. It's 2014 BSR is 96.7. Rehabilitation consists of repair bridge joints, zone painting, and miscellaneous repairs. Traffic detour and railroad fees and access are major cost contributors.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2015	Five Year Capital Program					Balance to Complete
				FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Design/Engineering	40,000						40,000		
Land Acquisition	0								
Site Work	0								
Construction	250,000							250,000	
Equipment/Furnishings	0								
Other	0								
Total Cost	290,000	0	0	0	0	0	40,000	250,000	0

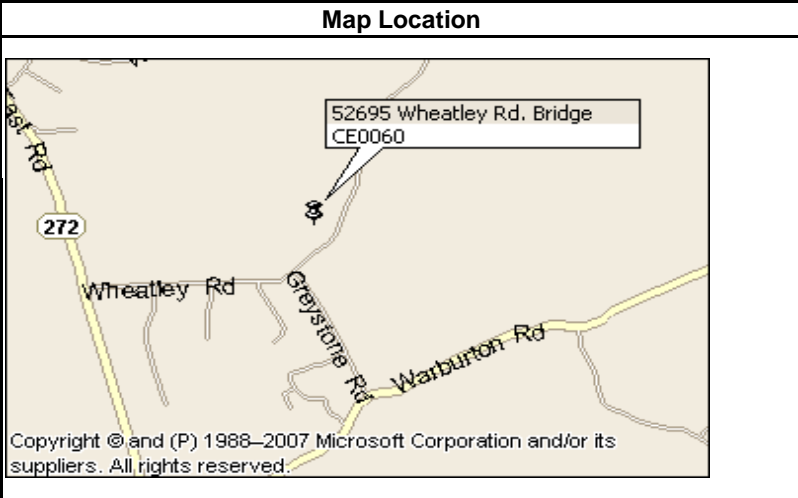
FUNDING SCHEDULE

County Paygo	0								
County Bonds	290,000						40,000	250,000	
State	0								
Federal	0								
Other	0								
Total Funds	290,000	0	0	0	0	0	40,000	250,000	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52695
Project Title: Replacement of Bridge CE0060 Wheatley Rd. over West Branch	Project Location: Wheatley Rd., North East MD
Project Description/Status:	Priority: 20



This is a single span steel beam bridge constructed in 1966 and rehabilitated in 1999. The structure has an overall length of 32.1 clear roadway width of 21'7" and carries a two lane roadway. The 2011 BSR rating is 70.6 with a weight restriction of 43k/67k. 2004 ADT of 314.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	250,000						250,000		
Land Acquisition	50,000							50,000	
Site Work	100,000							100,000	
Construction	750,000								750,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,150,000	0	0	0	0	0	250,000	150,000	750,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,150,000						250,000	150,000	750,000
State	0								
Federal	0								
Other	0								
Total Funds	1,150,000	0	0	0	0	0	250,000	150,000	750,000

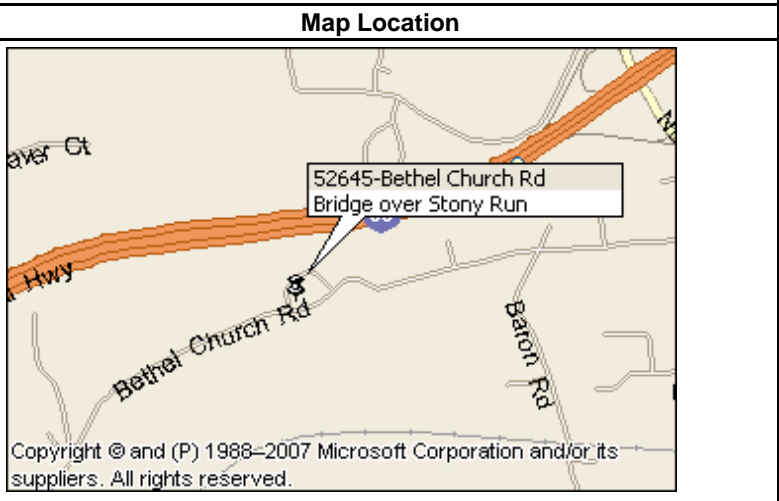
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52645
Project Title: Rehabilitation of Bridge CE0096 Bethel Church Road over Stoney Run	Project Location: North East, MD
Project Description/Status:	Priority: 21



This is a single span steel beam bridge constructed in 1968. The structure has an overall length of 60' and a clear roadway width of 26'11". Its 2011 BSR is 66 with no load posting required. 2004 ADT-597. During rehabilitation it was determined that additional work is needed which includes replacement of the concrete deck.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	87,341	37,341					50,000		
Land Acquisition	0								
Site Work	0								
Construction	499,579	99,579					400,000		
Equipment/Furnishings	0								
Other	0								
Total Cost	586,920	136,920	0	0	0	0	450,000	0	0

FUNDING SCHEDULE

County Paygo	37,341	37,341							
County Bonds	549,579	99,579					450,000		
State	0								
Federal	0								
Other	0								
Total Funds	586,920	136,920	0	0	0	0	450,000	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	136,920
Encumbered	0
Total	<u>136,920</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52694
Project Title: New Central Garage Facility	Project Location: Central Landfill, Elkton, MD
Project Description/Status:	Priority: 22

Map Location

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The aging Central Garage facilities do not meet the current needs as they relate to Public Works. At the current time new light and heavy vehicle maintenance bays are required to meet minimum maintenance requirements. No expansion space is available. Also, some heavy vehicles can not be serviced in the current garage and must be serviced outdoors. The fuel pumps and tanks are approaching the end of their useful life. The proposal is to construct a new Central Garage facility on the west side of the scale house. These improvements are to be performed in conjunction with the redevelopment of the overall area including separate improvements to the Solid Waste Management and Roads Division's facilities. This work is proposed to be performed in phases.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,450,000								1,450,000
Land Acquisition	0								
Site Work	0								
Construction	7,100,000								7,100,000
Equipment/Furnishings	0								
Other	0								
Total Cost	8,550,000	0	0	0	0	0	0	0	8,550,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	8,550,000								8,550,000
State	0								
Federal	0								
Other	0								
Total Funds	8,550,000	0	0	0	0	0	0	0	8,550,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52693
Project Title: Upgrade Roads Central Yard Facilities	Project Location: Central Landfill, Elkton, MD
Project Description/Status:	Priority: 23

Map Location

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The Roads Central yard has facilities in need of replacement or rehabilitation. These improvements are to be performed in conjunction with the redevelopment of the overall area including separately funded improvements to the Solid Waste Management Division and Central Garage facilities. This work is proposed to be performed in phases. Phase 1: Design of site work. Phase 2: Construction of the site work and design of the new facilities and temporary relocations; Phase 3: Construction of the new facilities (new shops, storage areas, truck wash building, and weld shop). Phase 4: Furbish and Move in to these facilities.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	700,000								700,000
Land Acquisition	0								
Site Work	0								
Construction	3,400,000								3,400,000
Equipment/Furnishings	0								
Other	0								
Total Cost	4,100,000	0	0	0	0	0	0	0	4,100,000

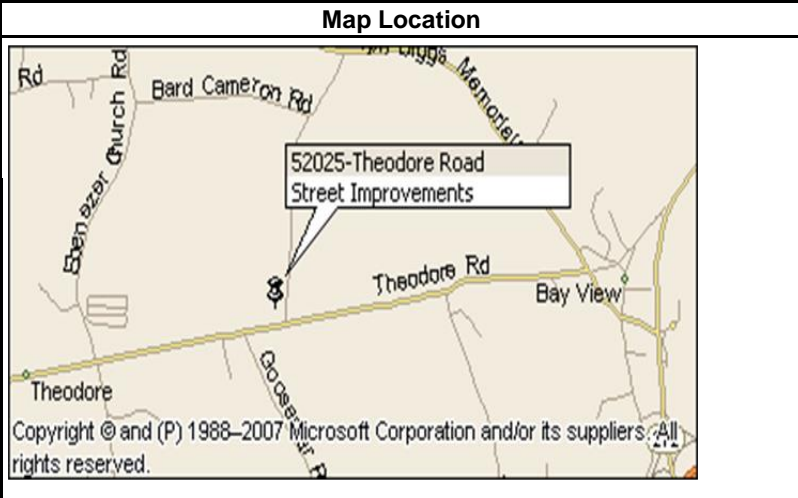
FUNDING SCHEDULE

County Paygo	0								
County Bonds	4,100,000								4,100,000
State	0								
Federal	0								
Other	0								
Total Funds	4,100,000	0	0	0	0	0	0	0	4,100,000

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52025
Project Title: Theodore Rd. Street Improvements (274 to Ebenezer Church)	Project Location: North East, MD
Project Description/Status:	Priority: 24



The road has become significantly more traveled with increased residential development (3/04 ADT 2041). The road will be widened and drainage improvements will be completed. Horizontal and vertical alignments will be improved where possible. Project extends 13,000-15,000 linear feet from MD Route 274 to Ebenezer Church Road. Concept study will determine phasing plan for construction.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	600,000						600,000		
Land Acquisition	250,000							250,000	
Site Work	500,000								500,000
Construction	5,000,000								5,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	6,350,000	0	0	0	0	0	600,000	250,000	5,500,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	6,350,000						600,000	250,000	5,500,000
State	0								
Federal	0								
Other	0								
Total Funds	6,350,000	0	0	0	0	0	600,000	250,000	5,500,000

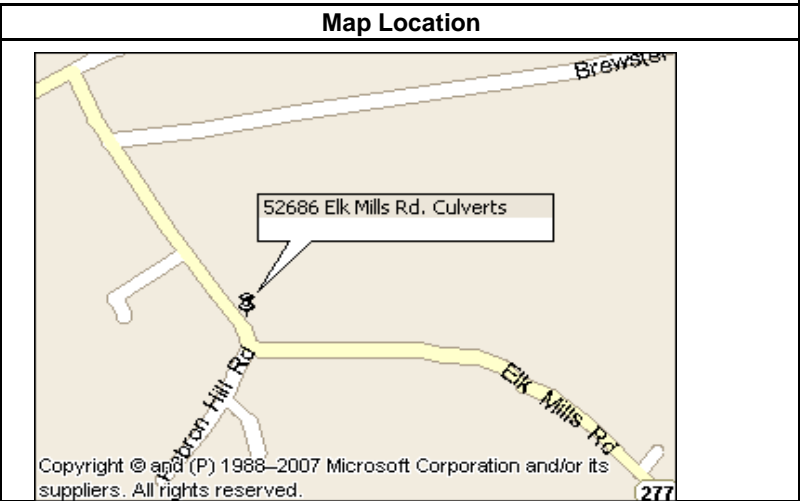
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52686
Project Title: Replace Elk Mills Road Culverts	Project Location: Elk Mills, MD
Project Description/Status:	Priority: 25



This project will consist of replacement of double 48" corrugated culverts with new structure. Project is located just north of Hebron Hill

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	120,000						120,000		
Land Acquisition	25,000						25,000		
Site Work	25,000						25,000		
Construction	400,000							400,000	
Equipment/Furnishings	0								
Other	0								
Total Cost	570,000	0	0	0	0	0	170,000	400,000	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	570,000						170,000	400,000	
State	0								
Federal	0								
Other	0								
Total Funds	570,000	0	0	0	0	0	170,000	400,000	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	<u>0</u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Roads/Bridges	Project Number: TBD	Map Location	
Project Title: Belle Hill Road and Appleton Road Intersection Improvements	Project Location: Elkton, MD		
Project Description/Status:		Priority:	26
<p>This project consists of improving the horizontal alignment of Belle Hill Road as it intersects Appleton Road.</p>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	150,000						150,000		
Land Acquisition	50,000						50,000		
Site Work	125,000							125,000	
Construction	650,000								650,000
Equipment/Furnishings	0								
Other	0								
Total Cost	975,000	0	0	0	0	0	200,000	125,000	650,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	975,000						200,000	125,000	650,000
State	0								
Federal	0								
Other	0								
Total Funds	975,000	0	0	0	0	0	200,000	125,000	650,000

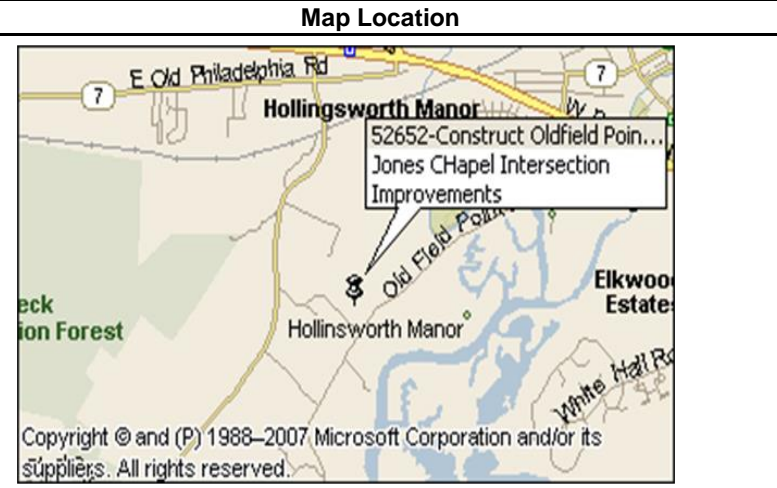
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
 Total 0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52652
Project Title: Oldfield Point Road at Jones Chapel Road Intersection Improvements	Project Location: Elkton, MD
Project Description/Status:	Priority: 27



This project consists of improving the vertical alignment on Oldfield Point Road, south of Jones Chapel Road to improve site distance.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	150,000						150,000		
Land Acquisition	50,000						50,000		
Site Work	125,000							125,000	
Construction	650,000								650,000
Equipment/Furnishings	0								
Other	0								
Total Cost	975,000	0	0	0	0	0	200,000	125,000	650,000

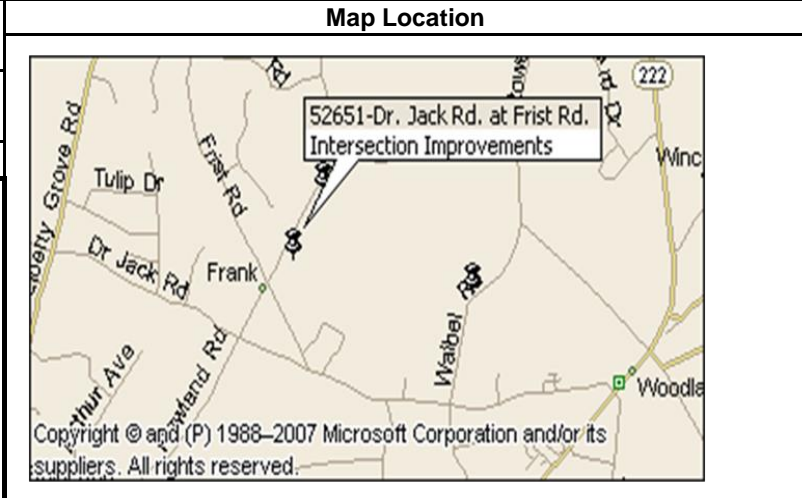
FUNDING SCHEDULE

County Paygo	0								
County Bonds	975,000						200,000	125,000	650,000
State	0								
Federal	0								
Other	0								
Total Funds	975,000	0	0	0	0	0	200,000	125,000	650,000

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52651
Project Title: Dr. Jack Road at Frist Road Intersection Improvements	Project Location:
Project Description/Status:	Priority: 28



This project consists of geometric intersection improvements to include horizontal and vertical alignment and drainage improvements

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	150,000						150,000		
Land Acquisition	50,000						50,000		
Site Work	100,000							100,000	
Construction	650,000								650,000
Equipment/Furnishings	0								
Other	0								
Total Cost	950,000	0	0	0	0	0	200,000	100,000	650,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	950,000						200,000	100,000	650,000
State	0								
Federal	0								
Other	0								
Total Funds	950,000	0	0	0	0	0	200,000	100,000	650,000

OPERATING BUDGET IMPACT:

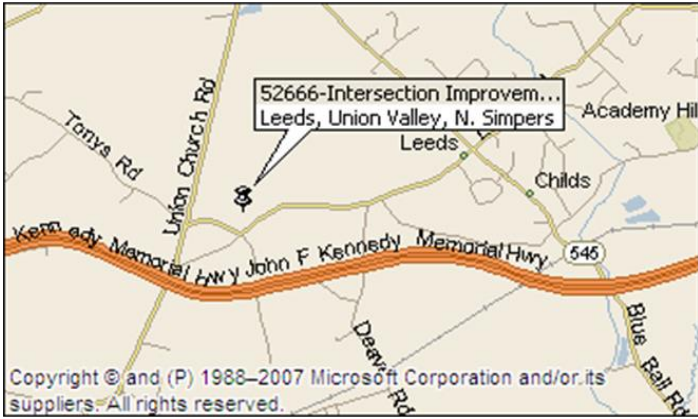
Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52666
Project Title: Intersection Improvements at Leeds, Union Valley & N. Simpers Roads	Project Location: Elkton, MD
Project Description/Status:	Priority: 29

Map Location



This project will consist of geometric improvements and drainage improvements at the intersection.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	150,000						150,000		
Land Acquisition	50,000						50,000		
Site Work	100,000							100,000	
Construction	650,000								650,000
Equipment/Furnishings	0								
Other	0								
Total Cost	950,000	0	0	0	0	0	200,000	100,000	650,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	950,000						200,000	100,000	650,000
State	0								
Federal	0								
Other	0								
Total Funds	950,000	0	0	0	0	0	200,000	100,000	650,000

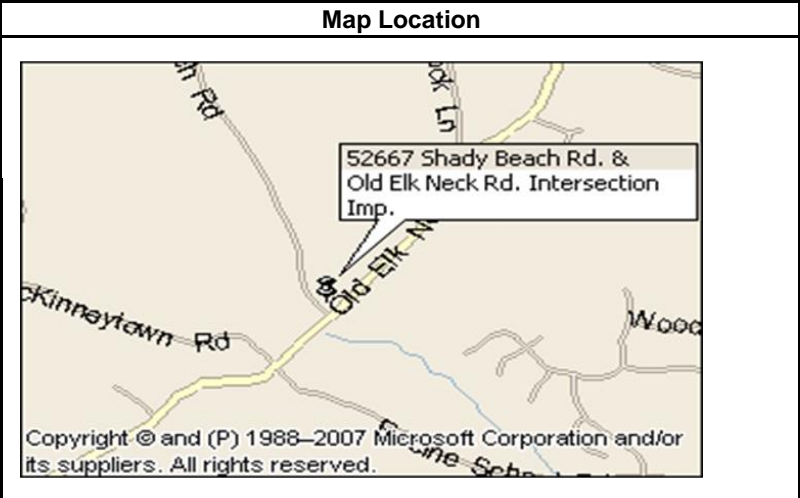
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52667
Project Title: Intersection Improvements Shady Beach Rd at Old Elk Neck Rd.	Project Location: Elkton, MD
Project Description/Status:	Priority: 30



This project will consist of vertical realignment on Old Elk Neck Road, land acquisition, and drainage improvements.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	150,000						150,000		
Land Acquisition	50,000						50,000		
Site Work	100,000							100,000	
Construction	650,000								650,000
Equipment/Furnishings	0								
Other	0								
Total Cost	950,000	0	0	0	0	0	200,000	100,000	650,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	950,000						200,000	100,000	650,000
State	0								
Federal	0								
Other	0								
Total Funds	950,000	0	0	0	0	0	200,000	100,000	650,000

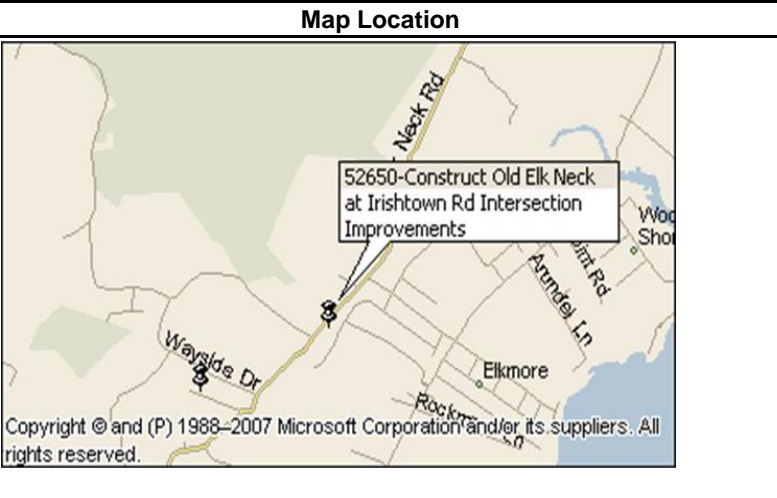
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	<u><u>0</u></u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52650
Project Title: Old Elk Neck at Irishtown Rd Intersection Improvements	Project Location: Elkton, MD
Project Description/Status:	Priority: 31



This project consists of geometric intersection alterations to improve the vertical alignment on Old Elk Neck Road south of Irishtown Road.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	150,000						150,000		
Land Acquisition	50,000						50,000		
Site Work	100,000							100,000	
Construction	650,000								650,000
Equipment/Furnishings	0								
Other	0								
Total Cost	950,000	0	0	0	0	0	200,000	100,000	650,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	950,000						200,000	100,000	650,000
State	0								
Federal	0								
Other	0								
Total Funds	950,000	0	0	0	0	0	200,000	100,000	650,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: TBD	Map Location
Project Title: Painting of Various County Bridges	Project Location: Various Locations in the County	
Project Description/Status: Priority: 32		
<p>This project is the environmental documental and permitting for cleaning and painting of various County Bridges.</p>		

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	30,000								30,000
Land Acquisition	0								
Site Work	2,000,000								2,000,000
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	2,030,000	0	0	0	0	0	0	0	2,030,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,030,000								2,030,000
State	0								
Federal	0								
Other	0								
Total Funds	2,030,000	0	0	0	0	0	0	0	2,030,000

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52648
Project Title: Replacement of Bridge CE0112 Liberty Grove over Rock Run Creek	Project Location: Port Deposit, MD
Project Description/Status:	Priority: 33

Map Location

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This is a single span cast in place reinforced concrete slab bridge.; The year the bridge was constructed is unknown. The span length is 21' with a clear roadway width of 25'2". The 2011 BSR is 59.5 with no load posting. This project will be a full replacement of the bridge. 2004 ADT - 390

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	250,000								250,000
Land Acquisition	100,000								100,000
Site Work	100,000								100,000
Construction	800,000								800,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,250,000	0	0	0	0	0	0	0	1,250,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,250,000								1,250,000
State	0								
Federal	0								
Other	0								
Total Funds	1,250,000	0	0	0	0	0	0	0	1,250,000

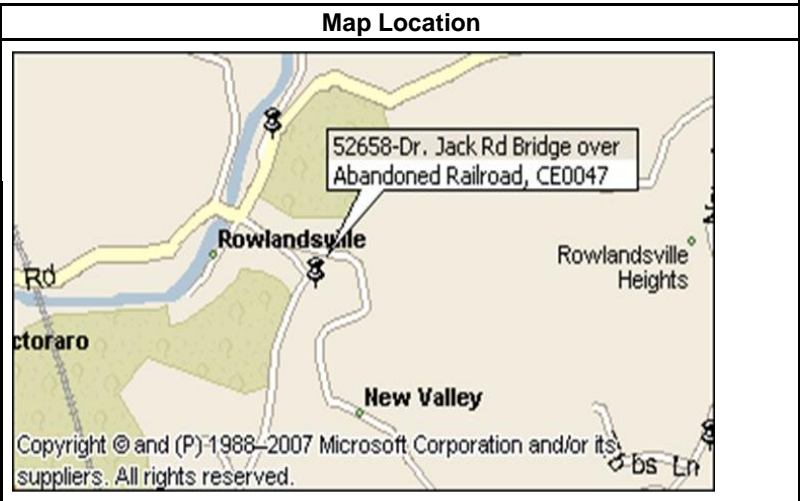
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52658
Project Title: Replacement of Bridge CE0047 Dr. Jack Rd. over Abandoned Railroad	Project Location: Conowingo, MD
Project Description/Status:	Priority: 34



This bridge is a single span steel beam with reinforced concrete deck, built in 1981, with an overall length of 91' and a clear roadway width of 20'. Project will include full replacement of the bridge and will address the approach alignments. 8/04 ADT - 1324 and 2011 BSR of 75.6.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	350,000								350,000
Land Acquisition	100,000								100,000
Site Work	100,000								100,000
Construction	2,000,000								2,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	2,550,000	0	0	0	0	0	0	0	2,550,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,550,000								2,550,000
State	0								
Federal	0								
Other	0								
Total Funds	2,550,000	0	0	0	0	0	0	0	2,550,000

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

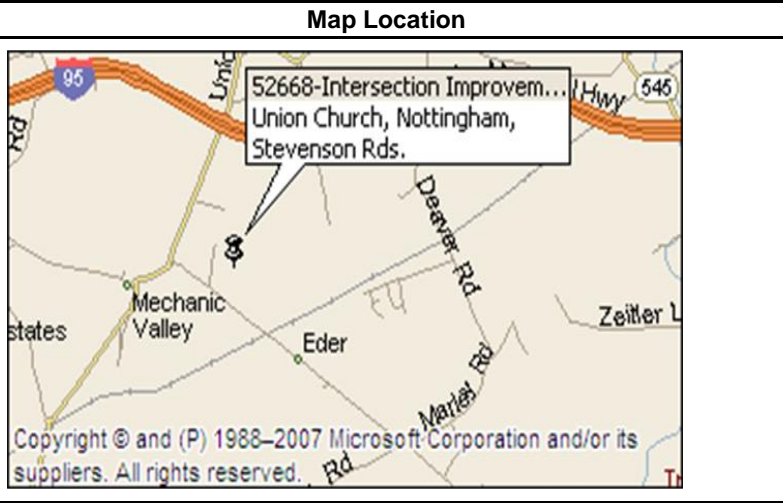
Agency/Department:
DPW-Roads/Bridges

Project Number:
52668

Project Title: Intersection Improvements at Union Church, Nottingham & Stevenson Rds

Project Location:

Project Description/Status: **Priority:** 35



This project will consist of geometric improvements and drainage improvements.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	200,000								200,000
Land Acquisition	100,000								100,000
Site Work	100,000								100,000
Construction	650,000								650,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,050,000	0	0	0	0	0	0	0	1,050,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,050,000								1,050,000
State	0								
Federal	0								
Other	0								
Total Funds	1,050,000	0	0	0	0	0	0	0	1,050,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0

Annual Operating/Maintenance Cost: 0

New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016

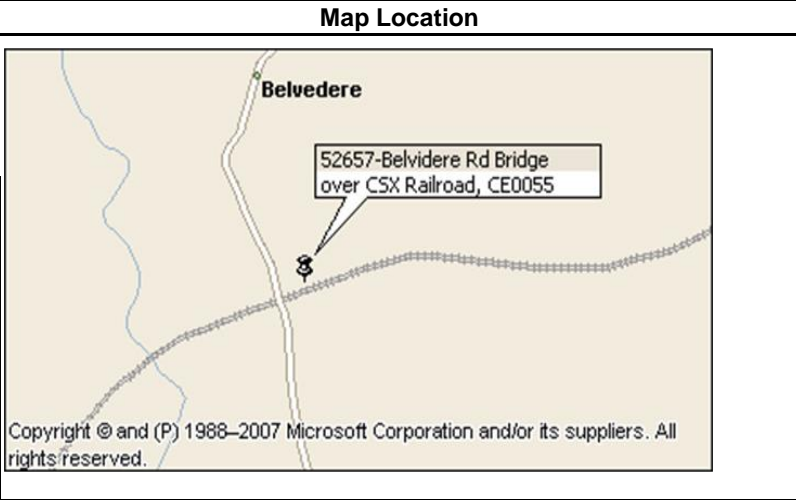
Expended 0

Encumbered 0

Total 0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52657
Project Title: Replace Bridge CE0055 Belvidere Road over CSX	Project Location: Perryville, MD
Project Description/Status:	Priority: 36



This bridge is a three span pre-stressed concrete box beam with concrete wearing surface. It was built in 1973 and has an overall length of 123'10" and a clear roadway width of 22'. Its 2012 BSR was 69.4. The project consists of complete replacement. 8/08 ADT - 1564

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	600,000								600,000
Land Acquisition	100,000								100,000
Site Work	150,000								150,000
Construction	3,000,000								3,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	3,850,000	0	0	0	0	0	0	0	3,850,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	970,000								970,000
State	0								
Federal	2,880,000								2,880,000
Other	0								
Total Funds	3,850,000	0	0	0	0	0	0	0	3,850,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52029
Project Title: Spring Hill/Ridge Road Intersection Improvements	Project Location: Rising Sun, MD
Project Description/Status:	Priority: 37



This project will improve vertical and horizontal alignment and widen turning radii at the intersection.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	200,000								200,000
Land Acquisition	100,000								100,000
Site Work	50,000								50,000
Construction	500,000								500,000
Equipment/Furnishings	0								
Other	0								
Total Cost	850,000	0	0	0	0	0	200,000	0	850,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	850,000								850,000
State	0								
Federal	0								
Other	0								
Total Funds	850,000	0	0	0	0	0	0	0	850,000

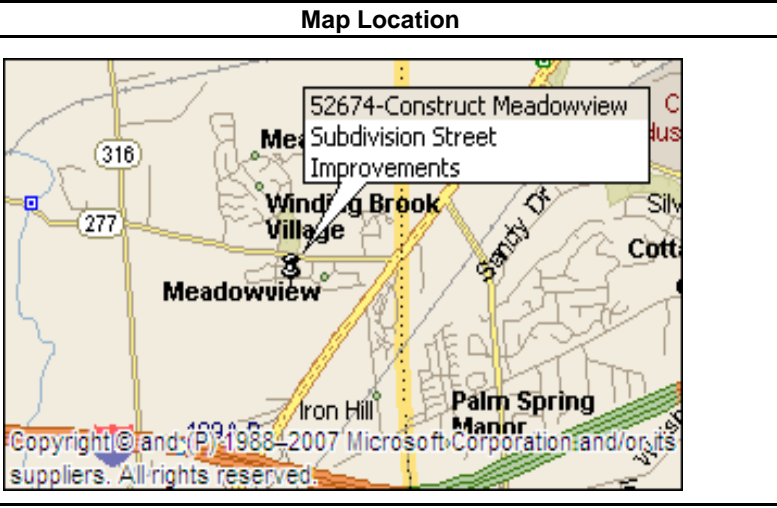
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	<u><u>0</u></u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52674
Project Title: Construct Meadowview Subdivision Street Improvements	Project Location: Meadowview, Elkton, MD
Project Description/Status:	Priority: 38



Replace aging curbing, pavement, and improve drainage concerns.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	100,000								100,000
Land Acquisition	0								
Site Work	50,000								50,000
Construction	800,000								800,000
Equipment/Furnishings	0								
Other	0								
Total Cost	950,000	0	0	0	0	0	0	0	950,000

FUNDING SCHEDULE

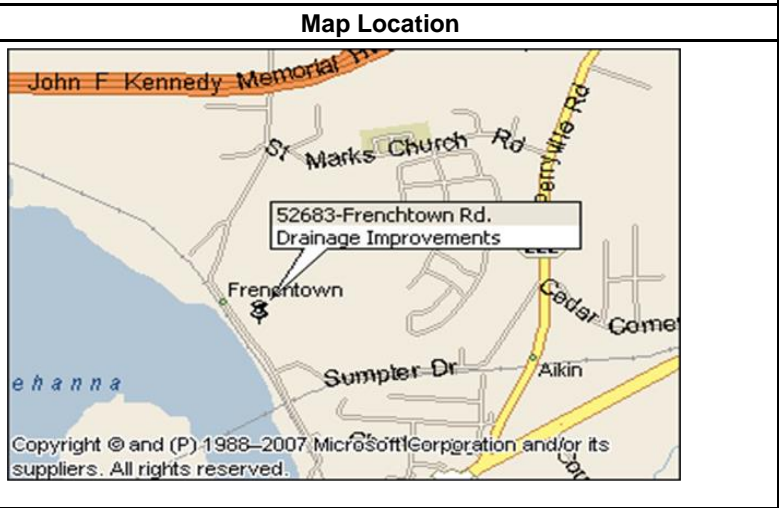
County Paygo	0								
County Bonds	950,000								950,000
State	0								
Federal	0								
Other	0								
Total Funds	950,000	0	0	0	0	0	0	0	950,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	2/5/2016
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52683
Project Title: Construct Frenchtown Road Drainage Improvements	Project Location: Perryville, MD
Project Description/Status:	Priority: 39



Road improvements to include reconstruction of roadside ditches and construction of stormwater management facilities. Approximately 5,000 LF of improvements. WIP Credits will be generated.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	100,000								100,000
Land Acquisition	50,000								50,000
Site Work	50,000								50,000
Construction	300,000								300,000
Equipment/Furnishings	0								
Other	0								
Total Cost	500,000	0	0	0	0	0	0	0	500,000

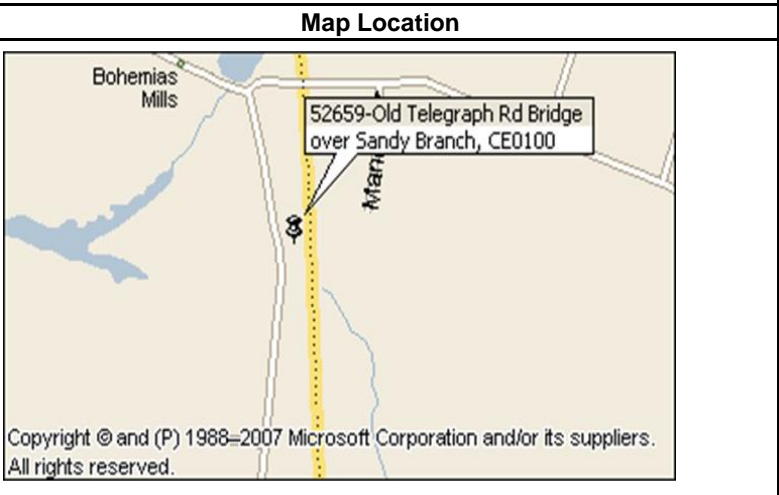
FUNDING SCHEDULE

County Paygo	0								
County Bonds	500,000								500,000
State	0								
Federal	0								
Other	0								
Total Funds	500,000	0	0	0	0	0	0	0	500,000

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52659
Project Title: Replace Bridge CE0100 Old Telegraph Rd. over Sandy Branch	Project Location: Earleville, MD
Project Description/Status:	Priority: 40



This bridge is a four cell corrugated metal pipe arch culvert, built in 1965, with an overall length of 28' and a clear roadway of 26'5". Its 2011 BSR was 54.9. The project consists of a full replacement of the bridge with land acquisition and site work in 2017 and construction in 2019. 2005 ADT-401

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	275,000								275,000
Land Acquisition	100,000								100,000
Site Work	100,000								100,000
Construction	750,000								750,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,225,000	0	0	0	0	0	0	0	1,225,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,225,000								1,225,000
State	0								
Federal	0								
Other	0								
Total Funds	1,225,000	0	0	0	0	0	0	0	1,225,000

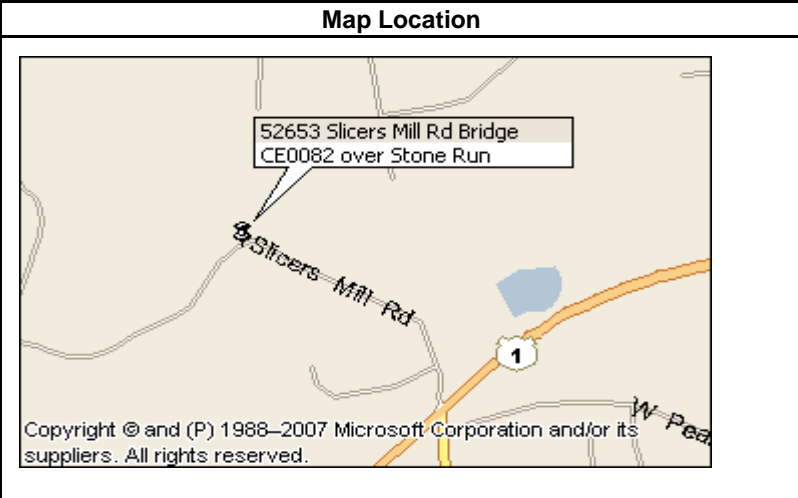
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	<u>2/5/2016</u>
Expended	0
Encumbered	0
Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52653
Project Title: Replacement of Bridge CE0082 Slicers Mill Road over Stone Run	Project Location: Rising Sun, MD
Project Description/Status:	Priority: 41



This bridge is a two cell corrugated aluminum plate pipe arch with overall length of 44' and a clear roadway width of 22'5" and was built in 1984. Its 2007 BSE was 84.9. This project consists of full replacement of the bridge. 2004 ADT-322

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	275,000								275,000
Land Acquisition	100,000								100,000
Site Work	50,000								50,000
Construction	750,000								750,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,175,000	0	0	0	0	0	0	0	1,175,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,175,000								1,175,000
State	0								
Federal	0								
Other	0								
Total Funds	1,175,000	0	0	0	0	0	0	0	1,175,000

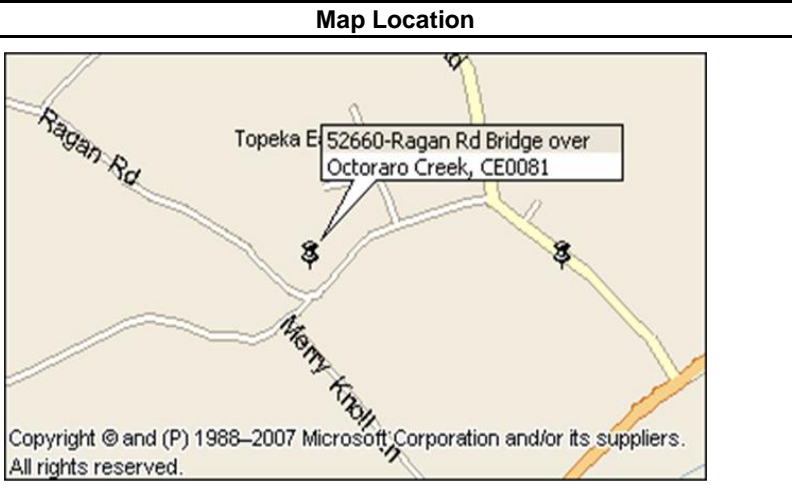
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52660
Project Title: Rehabilitation of Bridge CE0081 Ragan Rd. over branch of Octoraro Creek	Project Location: Conowingo, MD
Project Description/Status:	Priority: 42



This is a single span reinforced concrete bridge with an overall length of 17'8" and a clear roadway of 21'3". Its 2011 BSR was 66.9 with no load posting required. 2004 ADT-605

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	275,000								275,000
Land Acquisition	100,000								100,000
Site Work	100,000								100,000
Construction	750,000								750,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,225,000	0	0	0	0	0	0	0	1,225,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,225,000								1,225,000
State	0								
Federal	0								
Other	0								
Total Funds	1,225,000	0	0	0	0	0	0	0	1,225,000

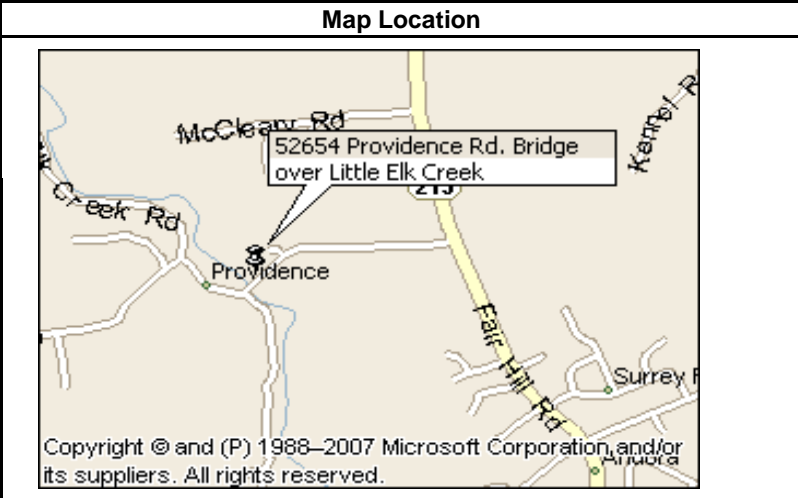
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52654
Project Title: Replacement of Bridge CE0024 Providence Rd. over Little Elk Creek	Project Location: Elkton, MD
Project Description/Status:	Priority: 43



This bridge is a single span weathered steel beams supporting an open steel grid deck and was rehabilitated in 1998. It has an overall length of 86' and a clear roadway width of 16'4". This project consists of full replacement of the bridge. 2011 BRS is 76.8. 2004 ADT-555

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	325,000								325,000
Land Acquisition	100,000								100,000
Site Work	100,000								100,000
Construction	1,800,000								1,800,000
Equipment/Furnishings	0								
Other	0								
Total Cost	2,325,000	0	0	0	0	0	0	0	2,325,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,325,000								2,325,000
State	0								
Federal	0								
Other	0								
Total Funds	2,325,000	0	0	0	0	0	0	0	2,325,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	2/5/2016
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

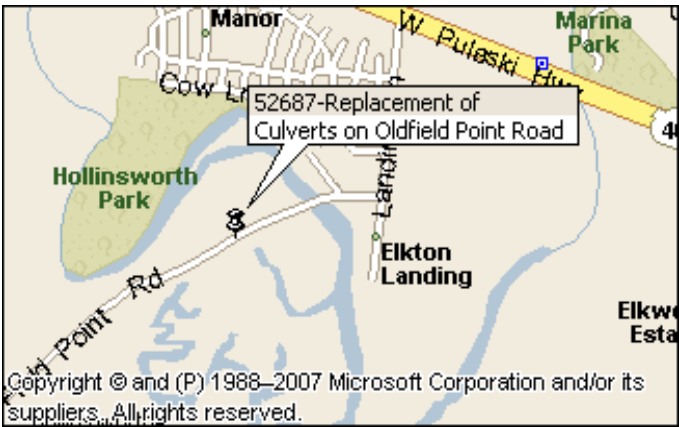
Agency/Department: **DPW-Roads/Bridges** Project Number: **52687**

Project Title: **Replacement of Culverts On Oldfield Point Road** Project Location: **Elkton, MD**

Project Description/Status: _____ Priority: **44**

This project will consist of replacement of two sets of existing culverts with larger fixed spans or bridge structures. Minor approach improvements. These culverts are located approximately 1/4 mile south of Oldfield Point Road Bridge, CE0029, over Little Elk Creek.

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	250,000								250,000
Land Acquisition	100,000								100,000
Site Work	100,000								100,000
Construction	550,000								550,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,000,000	0	0	0	0	0	0	0	1,000,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,000,000								1,000,000
State	0								
Federal	0								
Other	0								
Total Funds	1,000,000	0	0	0	0	0	0	0	1,000,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: **0**
 Annual Operating/Maintenance Cost: **0**
 New Positions (FTE's): **0.0**

Financial Activity as of **2/5/2016**
 Expended **0**
 Encumbered **0**
 Total **0**

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52670
Project Title: Replace culvert on England Creamery Rd (Porter Rd/Kirks Mill Rd)	Project Location: North East, MD
Project Description/Status:	Priority: 45

Map Location

Replace existing pipe culvert with new concrete box culvert; minor drainage and roadway approach improvements.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	250,000								250,000
Land Acquisition	100,000								100,000
Site Work	100,000								100,000
Construction	550,000								550,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,000,000	0	0	0	0	0	0	0	1,000,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,000,000								1,000,000
State	0								
Federal	0								
Other	0								
Total Funds	1,000,000	0	0	0	0	0	0	0	1,000,000

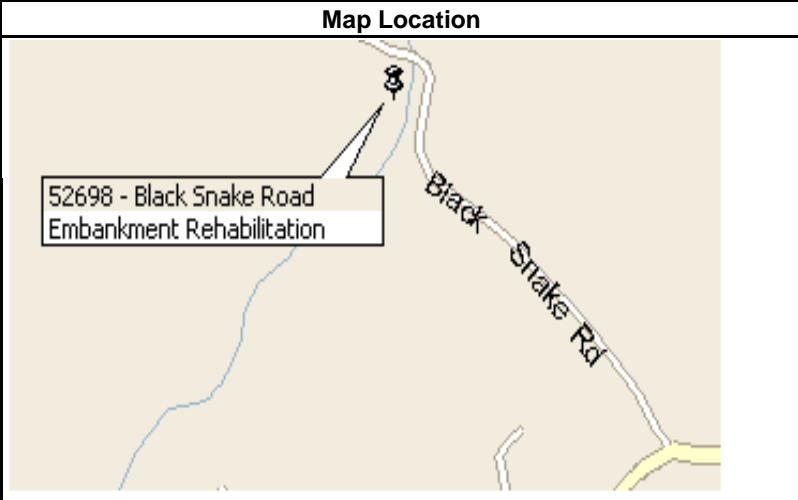
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52698
Project Title: Black Snake Road Embankment Rehabilitation	Project Location: Elkton, MD
Project Description/Status:	Priority: 46



This project includes the roadway embankment rehabilitation and stabilization along Black Snake Road for approximately 500 ft. south of Cecil County Bridge CE0063 over Little Elk Creek. The Little Elk Creek parallels Black Snake Road at this location and the roadway embankment has been undermined due stream impacts. ADT is estimated at 250.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2015	Five Year Capital Program					Balance to Complete
				FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Design/Engineering	300,000								300,000
Land Acquisition	750,000								750,000
Site Work	50,000								50,000
Construction	3,500,000								3,500,000
Equipment/Furnishings	0								
Other	0								
Total Cost	4,600,000	0	0	0	0	0	0	0	4,600,000

FUNDING SCHEDULE

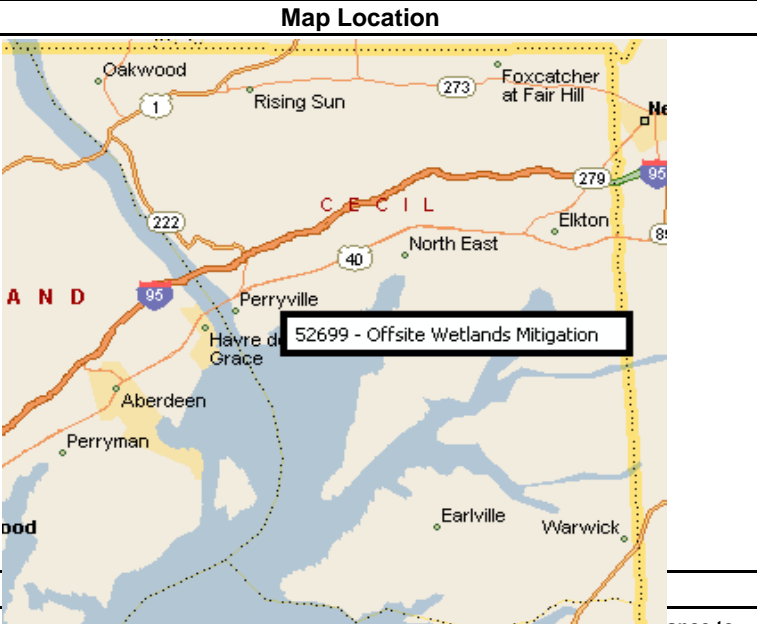
County Paygo	0								
County Bonds	4,600,000								4,600,000
State	0								
Federal	0								
Other	0								
Total Funds	4,600,000	0	0	0	0	0	0	0	4,600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	2/5/2016
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52699
Project Title: Offsite Wetlands Mitigation Projects	Project Location: Elkton, MD
Project Description/Status:	Priority: 47



Cecil County does not have an approved Wetland bank Site. Any project in the County that is required to do wetlands mitigation must either develop its own individual site or pay a fee-in-lieu. Development of individual wetland mitigation sites can be a timely and costly proposition often adding a year or more to the permitting process. The fee in lieu is sent out of County for use in developing wetland mitigation sites in other parts of the state. Building a wetland bank in County will allow the money to stay in Cecil County and will be advantageous for County projects, some portion may be made available (at a fee) for other development in the County. It will be environmentally beneficial for the County to develop wetlands that will improve water quality and habitat in the County. Initially the project will review current County property for mitigation opportunities. Other opportunities will be explored as opportunities arise. The intent is to develop several acres of mitigation area. This project may also provide Environmental Site Design credits for stormwater requirements on other County projects. The wetland bank may also provide stream restoration opportunities to satisfy the County's MS4 Permit requirements and Bay Restoration WIP goals.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2015	Five Year Capital Program					Balance to Complete
				FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Design/Engineering	500,000								500,000
Land Acquisition	150,000								150,000
Site Work	150,000								150,000
Construction	3,500,000								3,500,000
Equipment/Furnishings	0								
Other	0								
Total Cost	4,300,000	0	0	0	0	0	0	0	4,300,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	4,300,000								4,300,000
State	0								
Federal	0								
Other	0								
Total Funds	4,300,000	0	0	0	0	0	0	0	4,300,000

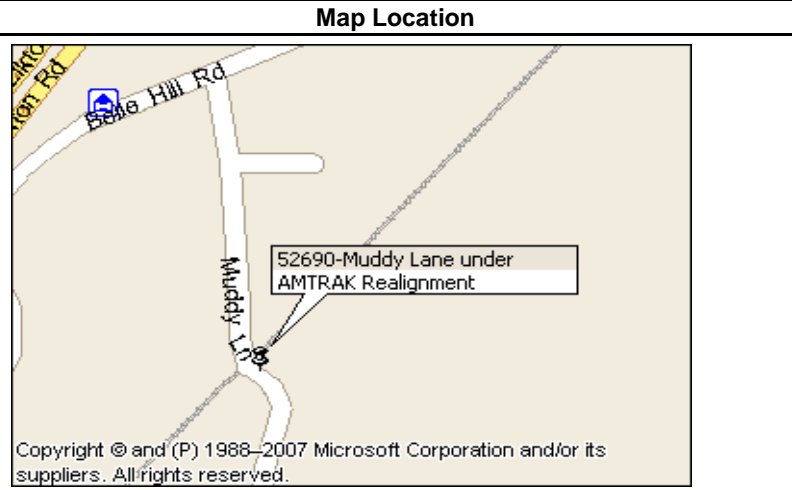
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52690
Project Title: Realignment of Muddy Lane Underpass of Amtrak	Project Location: Elkton, MD
Project Description/Status:	Priority: 48



This project involves the realignment of the Muddy Lane underpass of AMTRAK. The current alignment provides limited sight distance at both approaches. The project involves realigning both approaches to improve sight distance and safety when approaching and under the existing overpass.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	600,000	100,000							500,000
Land Acquisition	1,000,000								1,000,000
Site Work	250,000								250,000
Construction	4,000,000								4,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	5,850,000	100,000	0	0	0	0	0	0	5,750,000

FUNDING SCHEDULE

County Paygo	100,000	100,000							
County Bonds	5,750,000								5,750,000
State	0								
Federal	0								
Other	0								
Total Funds	5,850,000	100,000	0	0	0	0	0	0	5,750,000

OPERATING BUDGET IMPACT:

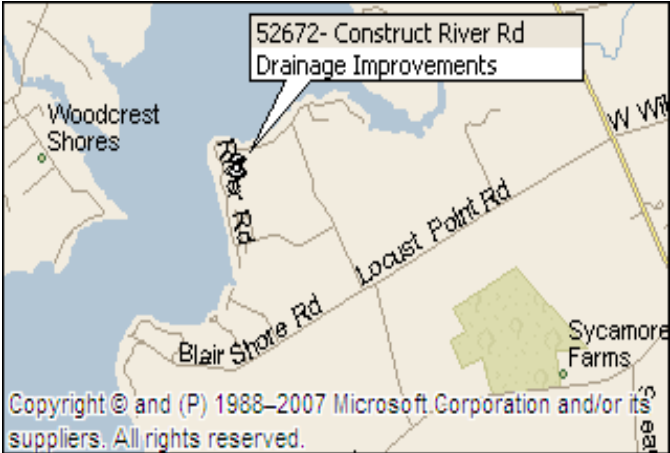
Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	25,498
Encumbered	13,475
Total	<u>38,973</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52672
Project Title: Construct River Road Drainage Improvements	Project Location: Chesapeake City, MD
Project Description/Status:	Priority: 49

Map Location



General drainage improvements consisting of ditching, road culverts, inlets, new outfalls. Currently road floods due to very poor drainage conditions.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	100,000								100,000
Land Acquisition	125,000								125,000
Site Work	200,000								200,000
Construction	500,000								500,000
Equipment/Furnishings	0								
Other	0								
Total Cost	925,000	0	0	0	0	0	0	0	925,000

FUNDING SCHEDULE

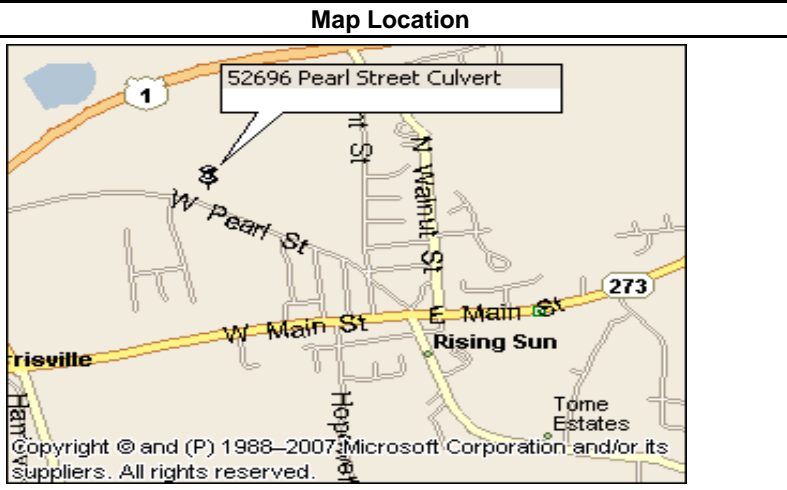
County Paygo	0								
County Bonds	925,000								925,000
State	0								
Federal	0								
Other	0								
Total Funds	925,000	0	0	0	0	0	0	0	925,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	2/5/2016
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52696
Project Title: Replace Pearl Street Culvert (Mason Runn/Reynold	Project Location: Rising Sun, MD
Project Description/Status:	Priority: 50



This project consists of replacing the existing triple 72" reinforced concrete pipes, minor approach roadway improvements and traffic safety features.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	250,000								250,000
Land Acquisition	100,000								100,000
Site Work	150,000								150,000
Construction	550,000								550,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,050,000	0	0	0	0	0	0	0	1,050,000

FUNDING SCHEDULE

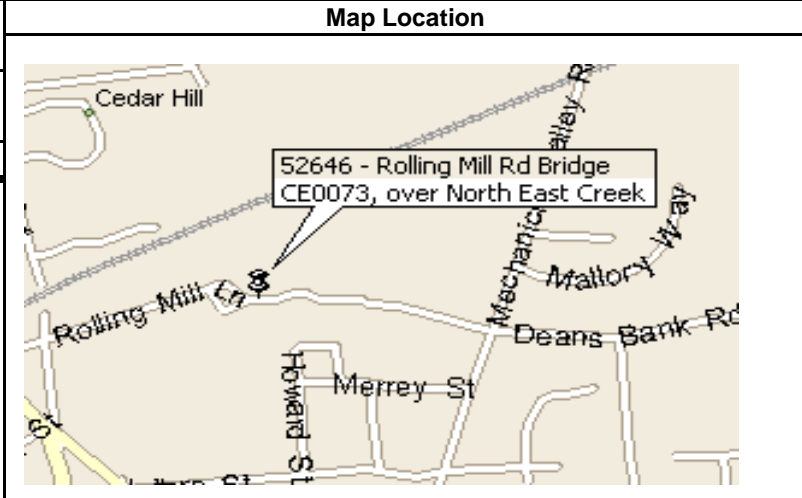
County Paygo	0								
County Bonds	1,050,000								1,050,000
State	0								
Federal	0								
Other	0								
Total Funds	1,050,000	0	0	0	0	0	0	0	1,050,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	2/5/2016
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	<u>0</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52646
Project Title: Replacement of Rolling Mill Road Bridge, CE0073, over Northeast Creek	Project Location: North East, MD
Project Description/Status:	Priority: 51



On September 20, 2006 a vehicle struck the northeast diagonal of the steel truss of this bridge. The impact caused a complete failure of the bridge causing the bridge to collapse in to the Northeast Creek. It is proposed to replace the bridge with a single span bridge with a curb-to-curb width in order to reuse the existing foundations. The curb-to-curb width is estimated to be 16'.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	250,000								250,000
Land Acquisition	150,000								150,000
Site Work	150,000								150,000
Construction	2,000,000								2,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	2,550,000	0	0	0	0	0	0	0	2,550,000

FUNDING SCHEDULE

County Paygo	0	0							
County Bonds	2,550,000								2,550,000
State	0								
Federal	0								
Other	0								
Total Funds	2,550,000	0	0	0	0	0	0	0	2,550,000

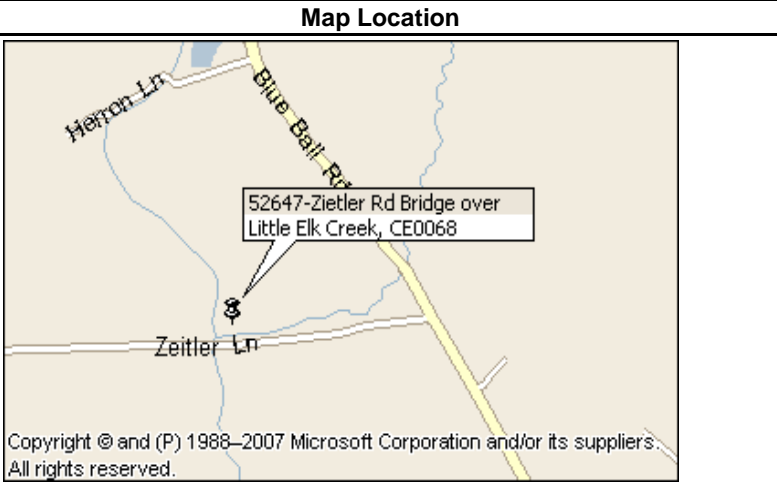
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52647
Project Title: Rehabilitate Bridge CE0068 Zeitler Road over Little Elk Creek	Project Location: Elkton, MD
Project Description/Status:	Priority: 52



This bridge is a two span steel beam with timber deck. It was rehabilitated in 1991 with an overall length of 114' and a clear roadway width of 16'5". The 2011 BSR is 49.3.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	250,000								250,000
Land Acquisition	150,000								150,000
Site Work	100,000								100,000
Construction	1,800,000								1,800,000
Equipment/Furnishings	0								
Other	0								
Total Cost	2,300,000	0	0	0	0	0	0	0	2,300,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,300,000								2,300,000
State	0								
Federal	0								
Other	0								
Total Funds	2,300,000	0	0	0	0	0	0	0	2,300,000

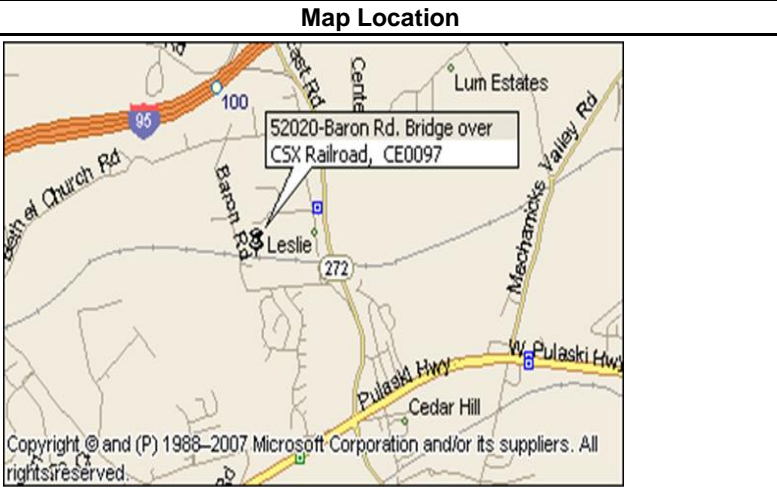
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52020
Project Title: Replacement of Bridge CE0097 Baron Road over CSX	Project Location: North East, MD
Project Description/Status:	Priority: 53



This is a five span steel, timber, and concrete bridge, circa 1940, 137' long with a clear roadway of 18'. Its 2011 inspection BSR is 12.5 and has a 12K/14K load posting. 8/04 ADT was 712. This bridge is closed to traffic. Federal funds to be used to partially fund this project. Anticipated construction to start in FY 14.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	694,768	694,768							
Land Acquisition	250,000	250,000							
Site Work	150,000	150,000							
Construction	2,971,405	2,971,405							
Equipment/Furnishings	0								
Other	0								
Total Cost	4,066,173	4,066,173	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	513,954	513,954							
County Bonds	728,404	728,404							
State	0								
Federal	2,823,815	2,823,815							
Other	0								
Total Funds	4,066,173	4,066,173	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	1,352,007
Encumbered	40,364
Total	<u>1,392,370</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52675
Project Title: Construct Old Elk Neck Road Improvements	Project Location: North East/Elkton
Project Description/Status:	Priority: 54

Map Location

The map shows a section of Cecil County, Maryland, with several roads and a water body. A callout box points to a specific location on Old Elk Neck Road, labeled '52675 Old Elk Neck Road Improvements'. Other roads shown include Dille, Bleg Ln, Dove Ln, Arbour Dr, Elk Neck, Elk River, and San d. The map also shows the Elk River and a portion of the Holmwood area. Copyright © and (P) 1988-2007 Microsoft Corporation and/or its suppliers. All rights reserved.

Section I will consist of improvements and road widening from Dant Lane south to Arbour Lane, approximately 3900 lf. Section II will consist of improvements of the Old Elk Neck Road, Elk River Lane and Route 272 intersections, to include widening, improving site distance and construction of tapers. Section II includes the purchase of property to allow the necessary geometric improvements to be completed.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	541,907	541,907							
Land Acquisition	400,000	400,000							
Site Work	400,000	400,000							
Construction	950,000	950,000							
Equipment/Furnishings	0								
Other	0								
Total Cost	2,291,907	2,291,907	0	0	0	0	0	0	0

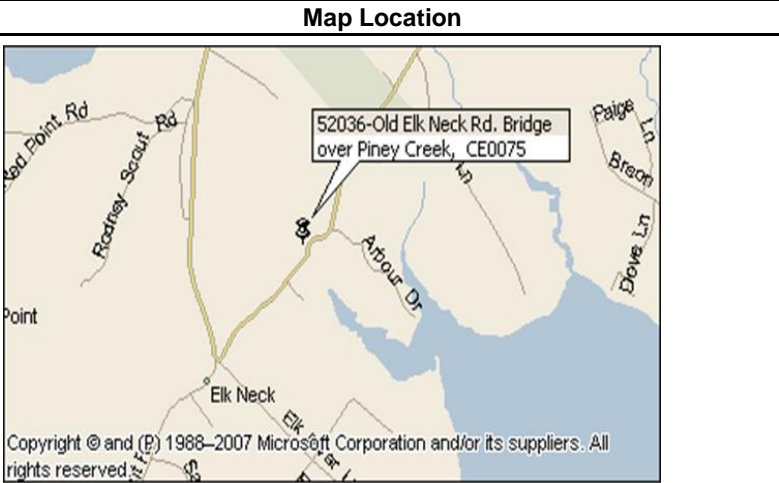
FUNDING SCHEDULE

County Paygo	121,779	121,779							
County Bonds	2,170,128	2,170,128							
State	0								
Federal	0								
Other	0								
Total Funds	2,291,907	2,291,907	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	1,785,399
Annual Operating/Maintenance Cost:	0	Encumbered	352,096
New Positions (FTE's):	0.0	Total	<u>2,137,495</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Roads/Bridges	Project Number: 52036
Project Title: Replacement of Bridge CE0075 Old Elk Neck Rd over Piney Creek	Project Location: Elkton, MD
Project Description/Status:	Priority: 55



This was a single span timber bridge, built in 1930, 23' long with a clear roadway of 18'. Its 2005 inspection BSR is 12.2 and has a 20K/34K load posting, but the bridge is now closed to all traffic and the superstructure is removed. Approach roadway work and offsite critical area mitigation to be included in this project.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	233,000	233,000							
Land Acquisition	175,000	175,000							
Site Work	172,700	172,700							
Construction	3,029,000	3,029,000							
Equipment/Furnishings	0								
Other	0								
Total Cost	3,609,700	3,609,700	0	0	0	0	0	0	0


FUNDING SCHEDULE

County Paygo	175,700	175,700							
County Bonds	3,434,000	3,434,000							
State	0								
Federal	0								
Other	0								
Total Funds	3,609,700	3,609,700	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0


Financial Activity as of	2/5/2016
Expended	3,419,129
Encumbered	148,537
Total	<u>3,567,665</u>

Project Form		Cecil County Capital Improvements Program 2017							
Agency/Department: Parks and Recreation		Project Number: 56015/56016		Map Location					
Project Title: Calvert Regional Park - Development		Project Location: Calvert							
Project Description/Status:		Priority: 1							
History <ul style="list-style-type: none"> • Purchased by the State in 2008 Intent <ul style="list-style-type: none"> • To become the first Regional Park in Cecil County Benefits <ul style="list-style-type: none"> • Increased Physical Activity • Improved Health • Economic Revitalization • Safe Family Environment • Environmental Education • Open Space Stewardship Outcome <ul style="list-style-type: none"> • Parks and open space improve our physical and psychological health, create strong stable communities, provide economic revitalization, and make our neighborhoods more attractive places to live, work, and play. Grand Opening held October 31, 2015.									
EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	715	170	280	265					
Land Acquisition	0								
Site Work	60		60						
Construction	7,532	2,329	1,662	648	713			2,180	
Equipment/Furnishings	606	406			200				
Other	0								
Total Cost	8,913	2,905	2,002	913	913	0	0	2,180	0
FUNDING SCHEDULE									
County Paygo	0								
County Bonds	7,118	2,296	1,486	617	913			1,806	
State	989	422	232	148				187	
Federal	0								
Other - VLT	806	187	284	148				187	
Total Funds	8,913	2,905	2,002	913	913	0	0	2,180	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	4,543,738
Encumbered	180,138
Total	<u>4,723,876</u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: Parks and Recreation	Project Number: 56017	Map Location	
Project Title: Elk River DMP	Project Location: Elk River Park, Elkton, MD		
Priority: 2			
<p>State driven project to expand capacity to 70,000 cubic yards. Project requested for future river dredging spoils.</p>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,058	1,058							
Land Acquisition	0								
Site Work	0								
Construction	893	893							
Equipment/Furnishings	0								
Other	0								
Total Cost	1,951	1,951	0	0	0	0	0	0	0

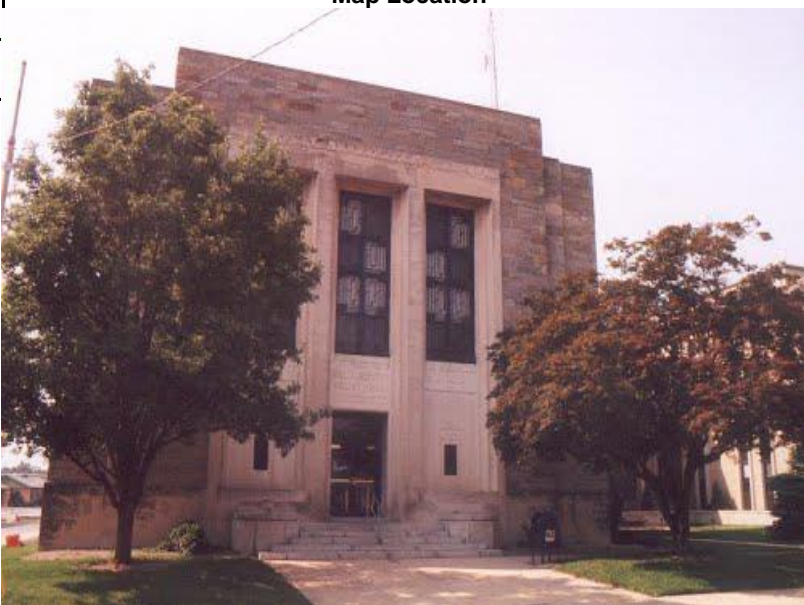
FUNDING SCHEDULE

County Paygo	0								
County Bonds	0								
State	1,951	1,951							
Federal	0								
Other	0								
Total Funds	1,951	1,951	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	1,648,283
Encumbered	211,005
Total	<u>1,859,288</u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: Facilities Management	Project Number: 58022	Map Location	
Project Title: Courthouse Phase II Renovations	Project Location: 129 E Main St, Elkton		
Project Description/Status: Phase II of the Courthouse renovations includes a realignment of the both the Clerk of the Court and Security functions at the Circuit Court Building. The current building circulation allows for excessive contact of prisoners and the general public in common spaces, including lobby, corridors, and elevator. The Clerk of the Court offices are in need of modernization and reconfiguration to perform more efficiently. This project will also include roof replacement, restroom, parking lot and stormwater rehabilitation. Ultimately, we intend to leverage dollars from the AOC to assist with portions of the scope related to security and employee safety.			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	350	350							
Land Acquisition	0								
Site Work	0								
Construction	1,111	1,111							
Equipment/Furnishings	0								
Other	0								
Total Cost	1,461	1,461	0	0	0	0	0	0	0


FUNDING SCHEDULE

County Paygo	585	585							
County Bonds	638	638							
State - AOC	238	238							
Federal	0								
Other	0								
Total Funds	1,461	1,461	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	25,000
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	1,206,196
Encumbered	8,598
Total	<u><u>1,214,794</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: Facilities Management	Project Number: 58023	Map Location	
Project Title: Courthouse Roof Replacement	Project Location: 129 E. Main St., Elkton, MD 21921		
Project Description/Status: Remove existing roof ballast and "worn out" roof materials to expose roof's concrete deck. Install tapered insulation in any roof areas where ponding currently occurs. Cover all courthouse roof areas with new heat welded 2-ply membrane roofing, Superflex flood coat and new gravel.			
		Priority:	1

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	22	22							
Land Acquisition	0								
Site Work	0								
Construction	354	354							
Equipment/Furnishings	0								
Other	15	15							
Total Cost	391	391	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	391	391							
State	0								
Federal	0								
Other	0								
Total Funds	391	391	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 384,734
 Encumbered 6,853
Total 391,587

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department:
Facilities Management

Project Number:

Project Title:
Health Department Parking Lot & Curbing

Project Location:
401 Bow St Elkton

Project Description/Status: **Priority: 3**

Mill away existing "semi-porous" asphalt parking lot, make necessary repairs & new installation to storm water drainage system, install new concrete curbing, re-asphalt all parking lot surfaces and stripe new parking lot.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	50								50
Land Acquisition	0								
Site Work	0								
Construction	325								325
Equipment/Furnishings	0								
Other	0								
Total Cost	375	0	0	0	0	0	0	0	375

FUNDING SCHEDULE

County Paygo	0								
County Bonds	375								375
State	0								
Federal	0								
Other	0								
Total Funds	375	0	0	0	0	0	0	0	375

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
 Total 0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department:
Facilities Management

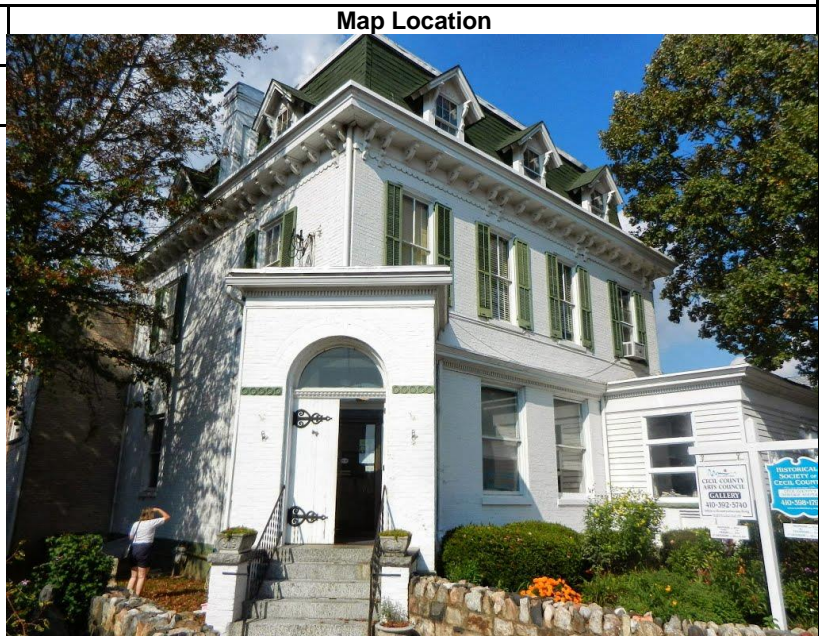
Project Number:
58040

Project Title:
Historical Society Bldg Renovations

Project Location:
135 E. Main St. Elkton, MD 21921

Project Description/Status: **Priority:** 5

Remove old, single paned, uninsulated wood windows and replace with new double paned insulated window system. Remove old roofing and install new roll-on roofing, asphalt shingles and roof flashing as needed. Remove and replace damaged/deteriorated sections of soffit/fascia and trim board. Restore / renovate window shutters. Replace concealed spline ceiling with new acoustical ceiling tile. Replace existing, worn carpet as needed. Install an addressable fire alarm system with remote dial up monitoring capabilities that meet current NFPA code and safety standards.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	25		25						
Land Acquisition	0		0						
Site Work	0		0						
Construction	155		155						
Equipment/Furnishings	0		0						
Other	0		0						
Total Cost	180	0	180	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0		0						
County Bonds	180		180						
State	0		0						
Federal	0		0						
Other	0		0						
Total Funds	180	0	180	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016

Expended 0
 Encumbered 0
Total 0

Cecil County Capital Improvements Program 2017

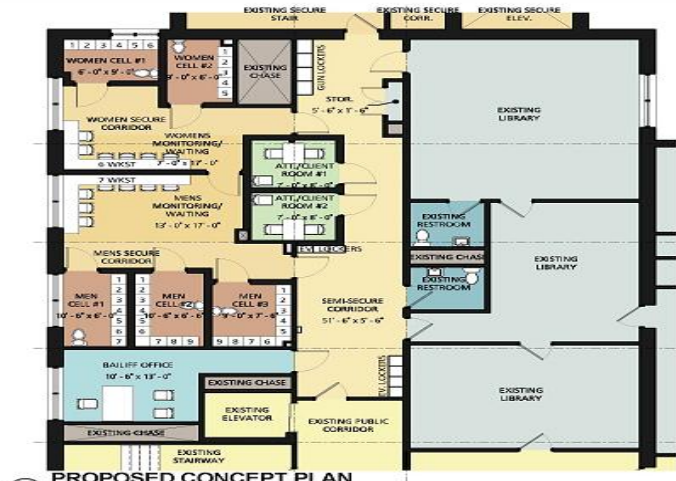
Agency/Department: Facilities Management
Project Number:

Project Title: Courthouse Holding Cell Renovations
Project Location: 129 E. Main St. Elkton

Project Description/Status: Priority: **3**

Completely renovate existing Circuit Court holding cell, bailiff office and prisoner transport driver area to create: Three group Male Holding Cells, Two group Women Holding Cells, a separate Mens & Womens Monitoring Waiting Areas, two secure/confidential Attorney/Client Meeting rooms and a new Bailiff's Office. Several schematic designs have been reviewed resulting in the attached Concept Plan.

Map Location



1
 DESIGN CONCEPT
 CECIL COUNTY COURTHOUSE HOLDING CELLS
 129 E Main St, Elkton, MD 21921

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	55				55				
Land Acquisition	0								
Site Work	0								
Construction	400				400				
Equipment/Furnishings	60				60				
Other	25				25				
Total Cost	540	0	0	0	540	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	540				540				
State	0								
Federal	0								
Other	0								
Total Funds	540	0	0	0	540	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
 Total 0

Cecil County Capital Improvements Program 2017

Agency/Department: **Facilities Management** Project Number:

Project Title: **New Asphalt - Courthouse Parking Lot** Project Location: **129 E. Main St. Elkton**

Project Description/Status: Priority: **3**

Mill away existing top layer of asphalt parking lot surface. Where necessary, undercut and refill "soft areas" with appropriate sub-base and patch with new asphalt. Resurface with ~ 2 inches of new asphalt and restripe entire lot.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	18					18			
Land Acquisition	0								
Site Work	0								
Construction	207					207			
Equipment/Furnishings	0								
Other	0								
Total Cost	225	0	0	0	0	225	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	225					225			
State	0								
Federal	0								
Other	0								
Total Funds	225	0	0	0	0	225	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: **0**
 Annual Operating/Maintenance Cost: **0**
 New Positions (FTE's): **0.0**

Financial Activity as of **2/5/2016**
 Expended **0**
 Encumbered **0**
 Total **0**

Cecil County Capital Improvements Program 2017

Agency/Department: Facilities Management	Project Number:
Project Title: Acquire 107 Chesapeake Boulevard	Project Location: 107 Chesapeake Boulevard, Elkton
Project Description/Status: This project is to accommodate the purchase of a commercial office building located at 107 Chesapeake Boulevard, Elkton, Maryland. The County had been looking for solutions to reduce the rent paid at this property, and recently became aware that the building was being listed for sale. Explored as options were a “continuing to lease” option, as well as a “purchase” option. The property is a single-story multi-tenant office building sitting on 4.906 acres of land, is zoned business industrial, and has approximately 54,080 sq. ft. of rentable space, and was built in 2002. The savings are estimated to be over \$7,000,000 over a twenty year life. The savings to be generated are based on the difference between the cash outlays made by the County if it continues to pay rent versus the cash outlays for debt service and maintenance less the rents received from other tenants. After twenty years, an additional \$470,000 per year would be saved as the County would own the building and debt service payments would no longer be required. The cash flow savings in the first year are estimated to be about \$200,000.	
Priority:	



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	7,119		7,119						
Site Work	0								
Construction	0								
Equipment/Furnishings	181		181						
Other	0								
Total Cost	7,300	0	7,300	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	7,300		7,300						
State	0								
Federal	0								
Other	0								
Total Funds	7,300	0	7,300	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	7,118,545
Encumbered	0
Total	<u>7,118,545</u>

Cecil County Capital Improvements Program 2017

Agency/Department: Facilities Management	Project Number:	Map Location
Project Title: Acquire Animal Control Facility	Project Location: TBD	
Project Description/Status: This project contemplates the purchase of a commercial facility for the purpose of operating an animal care and control facility. The County had been looking for solutions to provide this service at alternate locations and to provide savings where possible. The estimated purchase price is \$400,000, with an estimated cost of repairs and acquisition of equipment \$100,000. The intent is for the County to acquire at least one and possibly additional sites in order to provide animal care and control services to the County in a most efficient and accessible manner. One of the two facility locations include the former Canine Care Kennel located on Shady Beach Road near North East. The second facility possibility is the former Eastern Shore Animal League property located on Route 213 near Chesapeake City. Both option contracts are for \$400,000. The County will be evaluating each property during a 120 day due diligence period to make the final determination on the best choice, and will be publishing notice of a public hearing to obtain public comment on the proposed transaction on a date to be determined.		

EXPENDITURE SCHEDULE


Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	400		400						
Site Work	0								
Construction	0								
Equipment/Furnishings	100		100						
Other	0								
Total Cost	500	0	500	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	500		500						
State	0								
Federal	0								
Other	0								
Total Funds	500	0	500	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	2/5/2016
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	<u><u>0</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: Information Technology	Project Number: 61002	Map Location	
Project Title: Broadband Technologies Opportunity Prog.	Project Location: Various County Facilities, etc.		
Project Description/Status: Priority:			
<p>The Broadband Technology Opportunities Program (BTOP) from the State of Maryland is intended to support the deployment of broadband infrastructure to connect "community anchor institutions" such as governments and public safety facilities. These networks help ensure sustainable community growth and provide the foundation for enhanced household and business broadband internet services. Entities to participate in the project are the CCPS, Cecil College, Cecil Public Library and CCG. The program envisions that user entities will pay certain annual operating costs and certain costs for connections. Related expenses are annual costs associated with the ISP, leasing of fiber space, equipment purchases, creation of hub sites at Bo Manor Middle/High and Perryville Middle Schools, switches, firewalls, backup generators, and uninterruptible power sources. Total project assumes \$969,600 in capital equipment at CCPS, Cecil College, Cecil Public Library, and CCGOV, as well as an annual amount due for managed services of \$329,620, split four ways. Amended budget August 2015 to include CCPS BTOP budget of \$580,000.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	1,992	550	862	580					
Other	0								
Total Cost	1,992	550	862	580	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	75	75							
County Bonds	1,917	475	862	580					
State	0								
Federal	0								
Other	0								
Total Funds	1,992	550	862	580	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	255,005
Encumbered	0
Total	<u>255,005</u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: Information Technology	Project Number:	Map Location	
Project Title: Permitting System	Project Location: Various County Facilities, etc.		
Project Description/Status:		Priority:	
<p>The current permitting software was selected about 8 years ago and was installed in phases through 2012. The software vendor has been sold several times and is currently minimally supported. New permitting software would support a web interface that would allow filing, payment, and possibly exchange of files by permit applicants. The software would serve the Permits & Licenses dept, Planning Dept, DPW Stormwater Mgt, Finance, and other departments. The software's features include incentives for ease of Economic Development through speed and ease of access compared to physical trips to the Administrative Offices.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	900	0	0	50	850				
Other	0								
Total Cost	900	0	0	50	850	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0	0							
County Bonds	900	0	0	50	850				
State	0								
Federal	0								
Other	0								
Total Funds	900	0	0	50	850	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55060	Map Location	
Project Title: Repair Carpenters Point Area Sewer Trenches	Project Location: Carpenters Point, Perryville, MD		
Project Description/Status:	Priority: 1		
<p>This project will utilize available funding from Carpenters Point Sewer Project, #55002, to restore sewer trench surfaces and repair existing roadways where settlement has occurred.</p>		Copyright © and (P) 1988–2007 Microsoft Corporation and/or its suppliers. All rights reserved.	

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	521,463	521,463							
Equipment/Furnishings	0								
Other	0								
Total Cost	521,463	521,463	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	270,000	270,000							
County Bonds	251,463	251,463							
State	0								
Federal	0								
Other	0								
Total Funds	521,463	521,463	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:			Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0		Expended	387,147
Annual Operating/Maintenance Cost:	0		Encumbered	23,580
New Positions (FTE's):	0.0		Total	<u><u>410,727</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55051	Map Location	
Project Title: Upgrade NERAWWTP	Project Location: Seneca Point, Perryville, MD		
Project Description/Status:	Priority: 4		
<p>The Northeast River Advanced Wastewater Treatment Plant is required to undergo a construction upgrade to meet Enhanced Nutrient Removal (ENR) standards by March 2014 as specified in MDE NPDES discharge permit. This project will renovate and/or reconstruct certain components of the existing plant along with construction of new treatment components as necessary to bring the permitted plant capacity (2 mgd) into compliance with treatment quality requirements. A replacement control building will also be constructed. This project is currently under construction. UNDER CONSTRUCTION</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	4,700,000	4,700,000							
Land Acquisition	50,000	50,000							
Site Work	0								
Construction	23,698,567	23,698,567							
Equipment/Furnishings	6,000,000	6,000,000							
Other	2,640,049	2,640,049							
Total Cost	37,088,616	37,088,616	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	5,232,496	5,232,496							
State	31,856,120	31,856,120							
Federal	0								
Other	0								
Total Funds	37,088,616	37,088,616	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	28,727,972
Annual Operating/Maintenance Cost:	0	Encumbered	4,992,906
New Positions (FTE's):	0.0	Total	<u>33,720,878</u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55052	Map Location	
Project Title: Construct Highlands Interceptor Sewer	Project Location:		
Project Description/Status: Priority: 5			
<p>This project is comprised of several components including the performance evaluation and upgrade of the existing Highlands sewage pumping station (SPS), removal from service of the existing Highlands WWTP, extension of the sewer outfall from Barksdale Road to West Creek Village (WCV), selected repairs to the WCV sewer system and construction of the WCV SPS and force main to the Meadowview WWTP.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	300,000	300,000							
Land Acquisition	250,000	250,000							
Site Work	62,066	62,066							
Construction	4,499,513	4,499,513							
Equipment/Furnishings	0								
Other	0								
Total Cost	5,111,579	5,111,579	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	550,000	550,000							
County Bonds	4,561,579	4,561,579							
State	0								
Federal	0								
Other	0								
Total Funds	5,111,579	5,111,579	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	3,725,996
Annual Operating/Maintenance Cost:	0	Encumbered	1,185,398
New Positions (FTE's):	0.0	Total	<u><u>4,911,394</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water		Project Number: 55064	
Project Title: Construct Elkton West Sanitary Sewer Sub.		Project Location: Elkton, MD	
Project Description/Status:		Priority: 6	
<p>This project provides for the design engineering, ROW, utility relocation, and construction of initial facilities (i.e., pump stations, force mains, gravity sewer, etc.) required in order to provide infrastructure to serve this new service area. Further, design of the Marley Road Sewer Extension Project has been completed and is to be advertised in FY17.</p>			
		<p align="center">Map Location</p>	

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,800,000	1,300,000				500,000			
Land Acquisition	300,000	300,000							
Site Work	0								
Construction	37,106,445	6,306,445			5,000,000	2,800,000	3,000,000	20,000,000	
Equipment/Furnishings	0								
Other	0								
Total Cost	39,206,445	7,906,445	0	0	5,000,000	3,300,000	3,000,000	20,000,000	0

FUNDING SCHEDULE									
County Paygo	300,000	300,000							
County Bonds	38,906,445	7,606,445			5,000,000	3,300,000	3,000,000	20,000,000	
State	0								
Federal	0								
Other	0								
Total Funds	39,206,445	7,906,445	0	0	5,000,000	3,300,000	3,000,000	20,000,000	0

OPERATING BUDGET IMPACT:			Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0		Expended	953,572
Annual Operating/Maintenance Cost:	0		Encumbered	838,531
New Positions (FTE's):	0.0		Total	<u>1,792,103</u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW Waste Water	Project Number: 55018	Map Location	
Project Title: Construct Principio Sanitary Sewer Subdistrict North Interceptor	Project Location: North East, MD		
Project Description/Status:	Priority: 7		
<p>This project will construct a sewer interceptor on a new alignment that will provide sewer service for the Chesapeake House and surrounding area. It is necessary to replace the old discharge line from the Chesapeake House, which is in need of replacement. Because this existing line runs through highly inaccessible wetland it will be difficult to perform the rehab due to environmental issues. Additionally, a large portion of the existing line runs parallel to and within the CSX right-of-way. This limits the Wastewater Divisions' ability to access and maintain the line resulting in clogs (often caused by R/R grading/ballast operations) and overflows and fines. The costs associated with the replacement and maintenance of the existing line is justification for the New Principio North Interceptor. This project is under construction. UNDER CONSTRUCTION</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	100,000	100,000							
Land Acquisition	100,000	100,000							
Site Work	100,000	100,000							
Construction	4,845,000	2,445,000	200,000	2,200,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	5,145,000	2,745,000	200,000	2,200,000	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	545,000	545,000							
County Bonds	4,600,000	2,200,000	200,000	2,200,000					
State	0								
Federal	0								
Other	0								
Total Funds	5,145,000	2,745,000	200,000	2,200,000	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	2,146,276
Annual Operating/Maintenance Cost:	0	Encumbered	623,486
New Positions (FTE's):	0.0	Total	<u>2,769,762</u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Waste Water **Project Number:** 55069

Project Title: Repair Port Deposit WWTP **Project Location:** Port Deposit, MD

Project Description/Status: **Priority:** 8

The interior and exterior walls in the steel tank at the Port Deposit Wastewater Treatment Plant (WWTP) have deteriorated to the point that the structural integrity of the tank can no longer be assured and corrective action must be taken. This project will repair or replace the steel tank, with the exact method to be determined following additional engineering investigation and the solicitation of price quotes from qualified contractors. While on-site repair or replacement work is being done, it will be necessary to take the WWTP out of service. A portable package WWTP will be leased for use on-site during the on-site work, after which the newly repaired/replaced tank will be put back into service, thus maintaining the Port Deposit WWTP's permitted capacity of 150,000 gallons per day.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	125,000		125,000						
Land Acquisition	0								
Site Work	0								
Construction	125,000		125,000						
Equipment/Furnishings	950,000		950,000						
Other	0								
Total Cost	1,200,000	0	1,200,000	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,200,000		1,200,000						
State	0								
Federal	0								
Other	0								
Total Funds	1,200,000	0	1,200,000	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

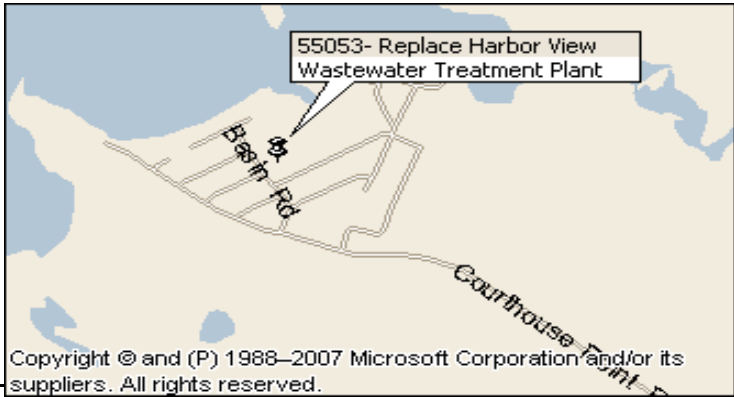
Financial Activity as of 2/5/2016
 Expended 48,670
 Encumbered 29,184
Total 77,853

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55055	Map Location	
Project Title: Upgrade 2 Existing Port Deposit Pump Stations	Project Location: Port Deposit		
Project Description/Status: Priority: 9			
<p>The sewage collection system in Port Deposit includes the Town Hall and Vanort Road Sewage Pump Stations that are in need of repair and upgrade. This project will bring these two stations up to MDE standards including addressing flood plain issues. This will prevent breakdowns in operations which will protect public health and the environment.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	250,000	125,000			0	125,000			
Land Acquisition	0								
Site Work	0								
Construction	1,000,000						1,000,000		
Equipment/Furnishings	0								
Other	0								
Total Cost	1,250,000	125,000	0	0	0	125,000	1,000,000	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	1,250,000	125,000				125,000	1,000,000		
State	0								
Federal	0								
Other	0								
Total Funds	1,250,000	125,000	0	0	0	125,000	1,000,000	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	<u>0</u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55053	Map Location	
Project Title: Replace Harbor View WWTP	Project Location: Harbor View, Elkton, MD		
Project Description/Status:	Priority: 10		
<p>This project will construct either a conventional WWTP or an ENR package plant. The WWTPs will have an approximate capacity of 100,000 GPD. This project will improve water quality, eliminate potential public health concerns and help meet the nutrient TMDL (total maximum daily load) for the Elk River. This project is seeking substantial grant funding.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	550,000		550,000						
Land Acquisition	0								
Site Work	0								
Construction	3,500,000				3,500,000				
Equipment/Furnishings	0								
Other	0								
Total Cost	4,050,000	0	550,000	0	3,500,000	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	2,550,000		550,000		2,000,000				
State	1,500,000				1,500,000				
Federal	0								
Other	0								
Total Funds	4,050,000	0	550,000	0	3,500,000	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	2,940
Annual Operating/Maintenance Cost:	0	Encumbered	246,499
New Positions (FTE's):	0.0	Total	<u><u>249,440</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55070	Map Location	
Project Title: Construct CECO to Cherry Hill Connection	Project Location: Cherry Hill, MD		
Project Description/Status: Priority: 11			
<p>This project will construct a force main and pump station to connect CECO WW System into the County sewer system at Cherry Hill. Funding approach is currently being negotiated with MDE and CECO.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	0	0	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	0								
State	0								
Federal	0								
Other	0								
Total Funds	0	0	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water		Project Number: 55031	
Project Title: Construct Rt 40 W. Sanitary Sewer Subdist		Project Location: North East, MD	
Project Description/Status:		Priority: 12	
<p>Construction of gravity sewer to provide service for future development in the Route 40 business corridor from Route 272 to east of Cool Spring Road. This project will be constructed in two phases. Phase 1 will be constructed as part of the Red Toad Road-Route 40 Intersection Improvement project. It will extend gravity sewer as far west as possible and will drain to the east to a tie in with the Stoney Run Interceptor on Wells Camp Road. Phase 2 will construct a pump station, force main and gravity sewer to extend sewer west from the Phase 1 project. Phase 1: UNDER CONSTRUCTION. Phase 2: UNDER DESIGN.</p>			
		<p align="center">Map Location</p>	

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	380,000	280,000		100,000					
Land Acquisition	0								
Site Work	0								
Construction	3,100,000	1,100,000						2,000,000	
Equipment/Furnishings	0								
Other	0								
Total Cost	3,480,000	1,380,000	0	100,000	0	0	0	2,000,000	0

FUNDING SCHEDULE									
County Paygo	150,000	150,000				0			
County Bonds	3,330,000	1,230,000		100,000				2,000,000	
State	0								
Federal	0								
Other	0								
Total Funds	3,480,000	1,380,000	0	100,000	0	0	0	2,000,000	0

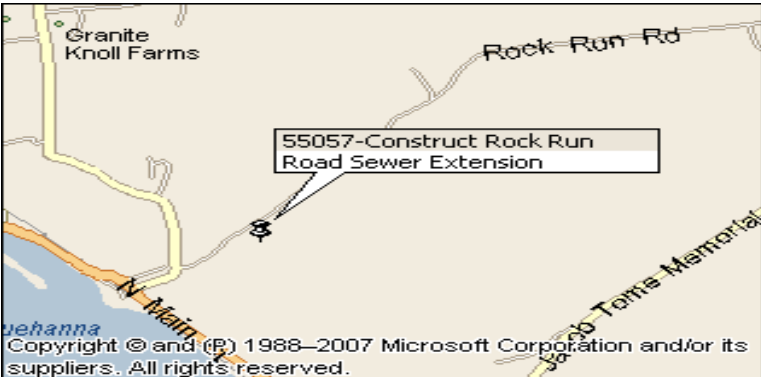
OPERATING BUDGET IMPACT:			Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0		Expended	234,944
Annual Operating/Maintenance Cost:	0		Encumbered	18,368
New Positions (FTE's):	0.0		Total	253,311

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55041	Map Location	
Project Title: Construct Holloway Beach Sewer	Project Location: Holloway Beach, Charlestown, MD		
Project Description/Status:	Priority: 13		
<p>This project will provide service to Holloway Beach to decommission on-lot septic systems in accordance with the new Maryland Chesapeake Bay Watershed Implementation Plan. It will improve water quality, eliminate potential public health concerns, earn nutrient credits for NERAWWTP expansion and help meet the nutrient TMDL (total maximum daily load) for the Northeast River.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	200,000	100,000	100,000						
Land Acquisition	150,000		150,000						
Site Work	0								
Construction	2,900,000				2,900,000				
Equipment/Furnishings	0								
Other	0								
Total Cost	3,250,000	100,000	250,000	0	2,900,000	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	1,950,000	100,000	250,000		1,600,000				
State	1,300,000				1,300,000				
Federal	0								
Other	0								
Total Funds	3,250,000	100,000	250,000	0	2,900,000	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	73,614
Annual Operating/Maintenance Cost:	0	Encumbered	3,986
New Positions (FTE's):	0.0	Total	<u><u>77,600</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55057	Map Location	
Project Title: Construct Rock Run Rd Sewer Extension	Project Location: Port Deposit		
Project Description/Status: Priority: 14			
<p>This project will extend new sanitary sewage facilities from the existing Port Deposit Collection System to the Rock Run Road area. This project will eliminate on-lot systems and connect several homes in this area that have no wastewater treatment in accordance with the new Maryland Chesapeake Bay Watershed Implementation Plan, improve public health, improve water quality, and earn nutrient credits for NRAWWTP expansion.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	150,000					150,000			
Land Acquisition	0								
Site Work	0								
Construction	950,000						950,000		
Equipment/Furnishings	0								
Other	0								
Total Cost	1,100,000	0	0	0	0	150,000	950,000	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	150,000					150,000			
State	950,000						950,000		
Federal	0								
Other	0								
Total Funds	1,100,000	0	0	0	0	150,000	950,000	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55033	Map Location	
Project Title: Expand Meadowview WWTP	Project Location: Meadowview, Elkton, MD		
Project Description/Status:	Priority: 15		
<p>Expand capacity of Meadowview WWTP to provide additional treatment capacity to accommodate sewage flows from Cherry Hill area, Highlands and Elkton West. Expansion will be completed in phases: Phase 1-meet permit requirements to expand to 1 mgd; Phase 2 - expand to 1.5 mgd; Phase 3 - expand to 3 mgd; Phase 4 - expand to 4.5 mgd.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	30,000	30,000							
Land Acquisition	400,000		400,000						
Site Work	0								
Construction	1,750,000							1,750,000	
Equipment/Furnishings	0								
Other	0								
Total Cost	2,180,000	30,000	400,000	0	0	0	0	1,750,000	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	2,180,000	30,000	400,000					1,750,000	
State	0								
Federal	0								
Other	0								
Total Funds	2,180,000	30,000	400,000	0	0	0	0	1,750,000	0


OPERATING BUDGET IMPACT:			Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0		Expended	0
Annual Operating/Maintenance Cost:	0		Encumbered	0
New Positions (FTE's):	0.0		Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55029	<p align="center">Map Location</p> <p>Copyright © and (P) 1988–2007 Microsoft Corporation and/or its suppliers. All rights reserved.</p>	
Project Title: Washington St. Pump Station Upgrades, 2	Project Location: Washington St, North East, MD		
Project Description/Status:	Priority: 16		
<p>Upgrades to replace pumps 1 & 2, per design by URS in 2006 and install odor control facilities. The first phase was completed 2009/2010 and included replacement of pump units 3&4 with dry-pit submersibles. The existing units 1 & 2 are nearing the end of their service lives due to corrosion (the early 1980s pumps have older packing technology which has resulted in leakage). They, also would be irreparably damaged should the dry pit be flooded. The new pumps match the units replaced in phase 1. UNDER CONSTRUCTION</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	50,000	50,000							
Land Acquisition	0								
Site Work	0								
Construction	600,000		600,000						
Equipment/Furnishings	0								
Other	0								
Total Cost	650,000	50,000	600,000	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	650,000	50,000	600,000						
State	0								
Federal	0								
Other	0								
Total Funds	650,000	50,000	600,000	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	64,271
Annual Operating/Maintenance Cost:	0	Encumbered	507,907
New Positions (FTE's):	0.0	Total	572,178

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water		Project Number: 55059	
Project Title: Upgrade Mechanics Valley Rd. Pump Station		Project Location: Mechanics Valley Rd., North East	
Project Description/Status:		Priority: 17	
<p>The current pump station has flooded numerous times over the past several years. This project will upgrade or replace the pump station to allow it to remain operational during flooding. It is proposed to be replaced with a submersible pump station or be made flood-proof by sealing access doors and raising components above flood level. Design will determine construction scope.</p>			
		Map Location	
			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	100,000				100,000				
Land Acquisition	0								
Site Work	0								
Construction	400,000					400,000			
Equipment/Furnishings	0								
Other	0								
Total Cost	500,000	0	0	0	100,000	400,000	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	500,000				100,000	400,000			
State	0								
Federal	0								
Other	0								
Total Funds	500,000	0	0	0	100,000	400,000	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of		2/5/2016
Estimated Annual Debt Service Cost:	0		Expended	0
Annual Operating/Maintenance Cost:	0		Encumbered	0
New Positions (FTE's):	0.0		Total	<u><u>0</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55047	Map Location	
Project Title: Construct East Old Philadelphia Rd. Sewer Collect	Project Location: Elkton, MD		
Project Description/Status: Priority: 18			
<p>This project will construct gravity sewer, force main, and one (1) pump station from the vicinity of Whispering Pines Mobile Home Park. This will decommission on-lot septic systems in accordance with the new Maryland Chesapeake Bay Watershed Implementation Plan, improve water quality, eliminate potential public health concerns, earn nutrient credits for NERAWWTP expansion, and help meet the nutrient TMDL (total maximum daily load) for the Northeast River.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	290,000				40,000	250,000			
Land Acquisition	50,000					50,000			
Site Work	0								
Construction	1,500,000						1,500,000		
Equipment/Furnishings	0								
Other	0								
Total Cost	1,840,000	0	0	0	40,000	300,000	1,500,000	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	1,840,000				40,000	300,000	1,500,000		
State	0								
Federal	0								
Other	0								
Total Funds	1,840,000	0	0	0	40,000	300,000	1,500,000	0	0

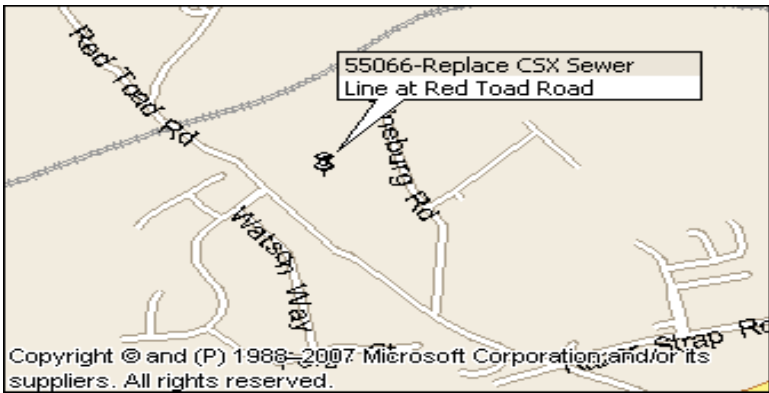
OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	<u>0</u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55036	Map Location	
Project Title: Construct Effluent Reuse Pipeline	Project Location:		
Project Description/Status: Priority: 19			
<p>This project will construct a pipeline to convey treated effluent from the Northeast River Advanced WWTP to specific reuse areas (e.g., Principio Business Park). Project scope will be defined as potential users are identified. Wastewater effluent reuse will be used as one of the practices implemented to help meet the County's Watershed Implementation Plan goals.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	350,000				350,000				
Land Acquisition	0								
Site Work	0								
Construction	3,500,000					3,500,000			
Equipment/Furnishings	0								
Other	0								
Total Cost	3,850,000	0	0	0	350,000	3,500,000	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	3,850,000				350,000	3,500,000			
State	0								
Federal	0								
Other	0								
Total Funds	3,850,000	0	0	0	350,000	3,500,000	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55066	Map Location 	
Project Title: Replace CSX Sewer Line at Red Toad Road	Project Location: North East, MD		
Project Description/Status:	Priority: 20		
<p>This project will construct a new sewer line to permit the complete abandonment of the existing sewer line that runs parallel to the CSX Railroad. (Currently known as the Chesapeake House Sewer Line) This will reduce CSX Railroad fees, maintenance costs and overflows from the existing lines.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	60,000		60,000						
Land Acquisition	45,000		45,000						
Site Work	0								
Construction	500,000			500,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	605,000	0	105,000	500,000	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	605,000		105,000	500,000					
State	0								
Federal	0								
Other	0								
Total Funds	605,000	0	105,000	500,000	0	0	0	0	0

OPERATING BUDGET IMPACT:			Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0		Expended	0
Annual Operating/Maintenance Cost:	0		Encumbered	65,295
New Positions (FTE's):	0.0		Total	65,295

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water		Project Number: 55061	
Project Title: Inflow & Infiltration-Port Deposit		Project Location: Port Deposit	
Project Description/Status:		Priority: 21	
<p>Initial inspections in FY 11 have revealed that the sewer collection system in Port Deposit will require substantial repairs and line replacements. In spring 2016 Maryland SHA will reconstruction Rt222/mainstreet throught Town. \$900k is requested in order that all items impacted by the highway project will be rehabilitated. An SRF grant application has been made for this portion. In addition a run of currently out of service sewer runs from the vicinity of the treatment plant up the hill to a connection point on the Bainbridge property. \$1.3m is allocated towards the repair and rehabilitation of this sewer line.</p>			
		<p align="center">Map Location</p>	

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	140,000	40,000	100,000						
Land Acquisition	0								
Site Work	0								
Construction	2,380,000	280,000	2,100,000						
Equipment/Furnishings	0								
Other	0								
Total Cost	2,520,000	320,000	2,200,000	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	320,000	320,000							
County Bonds	1,300,000		1,300,000						
State	900,000		900,000						
Federal	0								
Other	0								
Total Funds	2,520,000	320,000	2,200,000	0	0	0	0	0	0

OPERATING BUDGET IMPACT:				Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0			Expended	136,469
Annual Operating/Maintenance Cost:	0			Encumbered	25,690
New Positions (FTE's):	0.0			Total	162,159

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water		Project Number: 55065	
Project Title: Upgrade Meadowview Sewer Collection System, Ph 4 & 5		Project Location: Meadowview, Elkton, MD	
Project Description/Status:		Priority: 22	
<p>This is a maintenance project to install cleanouts, repair/reline house connections and repair/reline sub-mains in the Meadowview Sanitary District. Past construction has not included cleanouts and/or house connections in these areas. Many of these facilities have been constructed such that they are no longer serviceable or accessible. Addressing them in total will prove to be more cost effective than responding on an individual basis.</p>			
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EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	100,000	50,000	50,000						
Land Acquisition	150,000	150,000							
Site Work	0								
Construction	1,000,000		1,000,000						
Equipment/Furnishings	0								
Other	0								
Total Cost	1,250,000	200,000	1,050,000	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	200,000	200,000							
County Bonds	1,050,000		1,050,000						
State	0								
Federal	0								
Other	0								
Total Funds	1,250,000	200,000	1,050,000	0	0	0	0	0	0

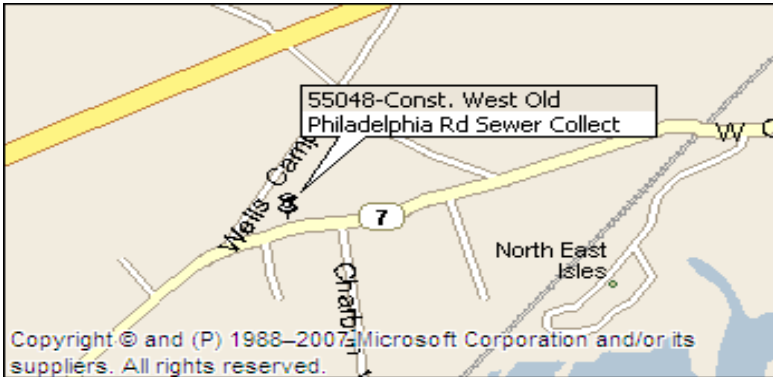
OPERATING BUDGET IMPACT:		Financial Activity as of	
Estimated Annual Debt Service Cost:	0	Expended	2/5/2016 116,768
Annual Operating/Maintenance Cost:	0	Encumbered	1,067
New Positions (FTE's):	0.0	Total	<u>117,834</u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55071	Map Location	
Project Title: Improve Septage Acceptance Station	Project Location: Central Landfill, Elkton, MD		
Project Description/Status:	Priority: 23		
<p>This project will make improvements to the existing Septage Acceptance Station. Improvements will include extending the roof to cover the entire pad and other upgrades to facilitate the off loading of septage hauler's trucks. It will, also, include construction of a distribution box that will facilitate annual maintenance activities</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	40,000				40,000				
Land Acquisition	0								
Site Work	160,000					160,000			
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	200,000	0	0	0	40,000	160,000	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	200,000				40,000	160,000			
State	0								
Federal	0								
Other	0								
Total Funds	200,000	0	0	0	40,000	160,000	0	0	0

OPERATING BUDGET IMPACT:			Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0		Expended	0
Annual Operating/Maintenance Cost:	0		Encumbered	0
New Positions (FTE's):	0.0		Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water		Project Number: 55048	
Project Title: Construct West Old Philadelphia Rd. Sewer Collection System		Project Location: North East, MD	
Project Description/Status:		Priority: 24	
<p>This project will construct a sewer collection system consisting of gravity sewer, force main and one (1) pump station from near Red Toad Rd, to west of Wells Camp Rd. This will eliminate on-lot septic systems in accordance with the new Maryland Chesapeake Bay Watershed Implementation Plan, improve water quality, eliminate potential public health concerns, earn nutrient credits for NRAWWTP expansion, and help meet the nutrient TMDL (total maximum daily load) for the Northeast River.</p>			
		<p align="center">Map Location</p> 	

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	40,000					40,000			
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	40,000	0	0	0	0	40,000	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	40,000					40,000			
State	0								
Federal	0								
Other	0								
Total Funds	40,000	0	0	0	0	40,000	0	0	0

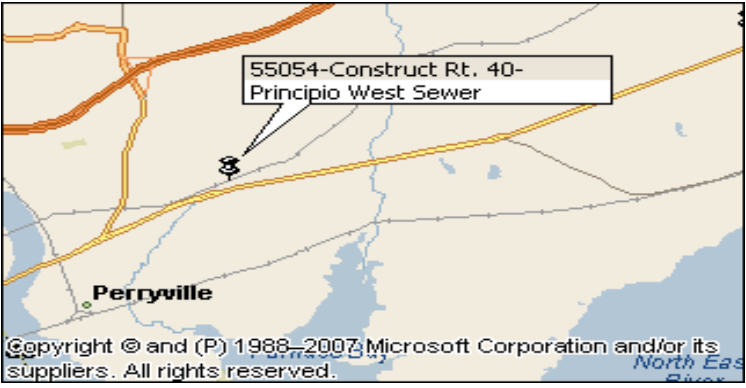
OPERATING BUDGET IMPACT:			Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0		Expended	0
Annual Operating/Maintenance Cost:	0		Encumbered	0
New Positions (FTE's):	0.0		Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water		Project Number: 55067	
Project Title: Construct Cherry Hill to Meadowview Sewer Intercept.		Project Location: Cherry Hill/Meadowview, Elkton, MD	
Project Description/Status:		Priority: 25	
<p>This project will construct a sewage pumping station and a force main and interceptor sewer to convey sewage from the Cherry Hill service area to the Meadowview WWTP. This will allow for growth in the area from Cherry Hill through Elk Mills, Appleton Road and Fletchwood Road area. Removal of the existing Cherry Hill WWTP will earn nutrient credits for the NRAWWTP expansion and help meet the nutrient TMDL for the North East River.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	0	0	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	0								
State	0								
Federal	0								
Other	0								
Total Funds	0	0	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:			Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0		Expended	0
Annual Operating/Maintenance Cost:	0		Encumbered	0
New Positions (FTE's):	0.0		Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55054	Map Location 	
Project Title: Construct Rt 40-Principio West Sewer	Project Location: Between Perryville & North East		
Project Description/Status:	Priority: 26		
<p>This project will provide sewer service along Route 40 from Foye's Hill to Jackson Station Road and conveyance to the Northeast River Advanced WWTP. It will provide sewage collection facilities for future economic development in the Route 40 business corridor.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	8,500,000								8,500,000
Equipment/Furnishings	0								
Other	0								
Total Cost	8,500,000	0	0	0	0	0	0	0	8,500,000

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	8,500,000								8,500,000
State	0								
Federal	0								
Other	0								
Total Funds	8,500,000	0	0	0	0	0	0	0	8,500,000

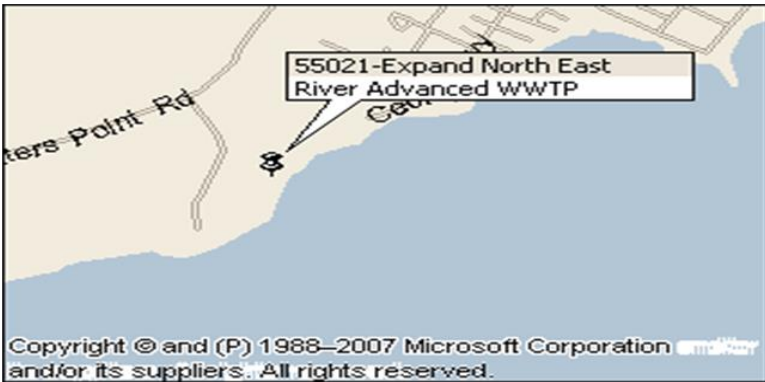
OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water		Project Number: 55062	
Project Title: I&I-Meadowview, Cherry Hill, Highlands		Project Location: Elkton	
Project Description/Status:		Priority: 27	
<p>Inflow and infiltration study (televising lines, smoke testing, etc.) remediation design (slip lining, line replacement, grouting) and construction of repairs.</p>			
		<p>Map Location</p>	

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	100,000	100,000							
Land Acquisition	0								
Site Work	0								
Construction	600,000	100,000	500,000						
Equipment/Furnishings	0								
Other	0								
Total Cost	700,000	200,000	500,000	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	200,000	200,000							
County Bonds	500,000		500,000						
State	0								
Federal	0								
Other	0								
Total Funds	700,000	200,000	500,000	0	0	0	0	0	0

OPERATING BUDGET IMPACT:			Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0		Expended	152,202
Annual Operating/Maintenance Cost:	0		Encumbered	29,958
New Positions (FTE's):	0.0		Total	182,160

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water		Project Number: 55021	
Project Title: Expand NERAWWTP		Project Location: Seneca Point WWTP, Perryville, MD	
Project Description/Status:		Priority: 28	
<p>Expansion of Northeast River Advanced WWTP from 2 mgd to 10.5 mgd to provide sewer capacity to the Route 40 growth corridor. This project will follow Project #55051-Upgrade NRAWWTP beginning with the construction of a new sludge dewatering facility, control and maintenance buildings followed by three expansion phases: Phase 1 to 4.5 mgd; Phase 2 to 9 mgd; Phase 3 to 10.5 mgd in future years to be determined by capacity needs.</p>			
		Map Location	
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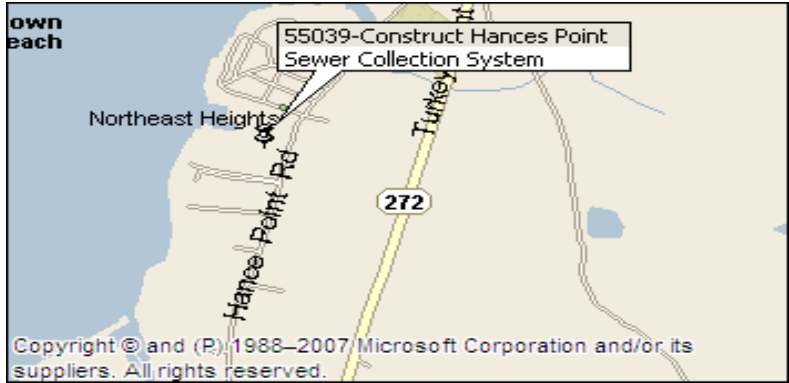
EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	2,262,127	862,127					100,000	1,300,000	
Land Acquisition	0								
Site Work	0								
Construction	22,000,000							22,000,000	
Equipment/Furnishings	0								
Other	0								
Total Cost	24,262,127	862,127	0	0	0	0	100,000	23,300,000	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	14,262,127	862,127					100,000	13,300,000	
State	10,000,000							10,000,000	
Federal	0								
Other	0								
Total Funds	24,262,127	862,127	0	0	0	0	100,000	23,300,000	0

OPERATING BUDGET IMPACT:				Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0			Expended	862,127
Annual Operating/Maintenance Cost:	0			Encumbered	0
New Positions (FTE's):	0.0			Total	<u><u>862,127</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55039	Map Location 	
Project Title: Construct Hances Point Sewer Collect. System	Project Location: Hances Point, North East		
Project Description/Status:	Priority: 29		
<p>This project will construct pump stations, force main, and gravity and pressure sewers to service the Hances Point Road community, decommission on-lot septic systems in accordance with the new Maryland Chesapeake Bay Watershed Implementation Plan, improve water quality, eliminate potential public health concerns, earn nutrient credits for NRAWWTP expansion, and help meet the nutrient TMDL (total maximum daily load) for the Northeast River. It will be constructed in phases with the first phase being the northern section of the Hances Point Road community (area bounded by Grandview Ave, Bayside Dr., and Hances Point Rd.) and the McDaniel Yacht Basin.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,100,000							100,000	1,000,000
Land Acquisition	200,000								200,000
Site Work	250,000								250,000
Construction	8,700,000								8,700,000
Equipment/Furnishings	0								
Other	0								
Total Cost	10,250,000	0	0	0	0	0	0	100,000	10,150,000

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	5,950,000							100,000	5,850,000
State	4,300,000								4,300,000
Federal	0								
Other	0								
Total Funds	10,250,000	0	0	0	0	0	0	100,000	10,150,000

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water	Project Number: 55044	Map Location	
Project Title: Construct Port Deposit to NERAWWTP Intercept.	Project Location: Port Deposit to Seneca Point		
Project Description/Status:	Priority: 30		
<p>The proposed project comprises the design and construction of two sewage pumping stations and approximately eight miles of sewer force main lying primarily within public road rights-of-way. The proposed project will convey sewage from Port Deposit to the County's primary wastewater treatment plant, the Northeast River Advanced WWTP. Once the new sewer line is operational, the existing Port Deposit WWTP will be taken out of service and demolished. This project will earn nutrient credits for NRAWWTP expansion.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	900,000								900,000
Land Acquisition	0								
Site Work	0								
Construction	12,800,000								12,800,000
Equipment/Furnishings	0								
Other	0								
Total Cost	13,700,000	0	0	0	0	0	0	0	13,700,000

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	900,000								900,000
State	12,800,000								12,800,000
Federal	0								
Other	0								
Total Funds	13,700,000	0	0	0	0	0	0	0	13,700,000

OPERATING BUDGET IMPACT:			Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0		Expended	0
Annual Operating/Maintenance Cost:	0		Encumbered	0
New Positions (FTE's):	0.0		Total	0

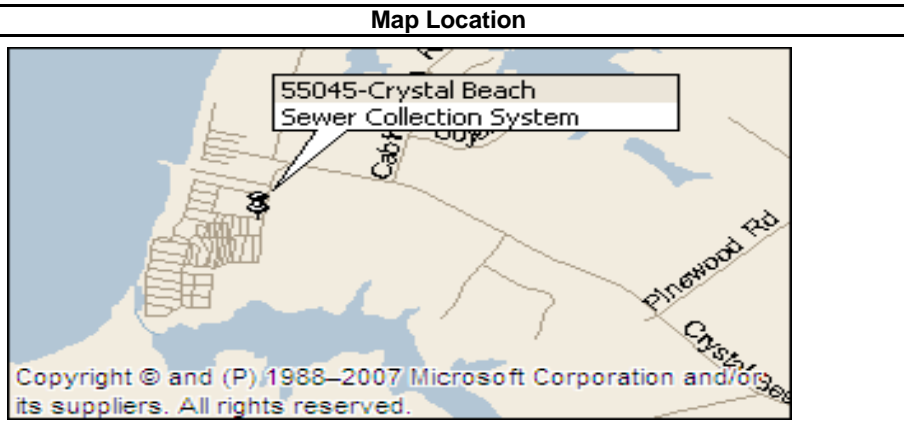
Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Waste Water **Project Number:** 55045

Project Title: Construct Crystal Beach Sewer Collection Syst. **Project Location:** Crystal Beach, Earleville, MD

Project Description/Status: **Priority:** 31

This project will construct a sewer collection system and waste water treatment plant, force main, and gravity sewer to the Crystal Beach Community and decommission on site failing septic systems. The project will include Buttonwood Beach Camp, Elk View Shores, White Crystal Beach Camp, White Crystal Beach, and Crystal Beach Manor. Additionally this project will improve water quality, eliminate potential health concerns, earn nutrient credits for NRAWWTP expansion, and help meet the nutrient TMDL (total maximum daily load) for the Elk River. The new small package wastewater plant will provide ENR level treatment (approximate capacity of not more than 250,000 GPD).



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,100,000								1,100,000
Land Acquisition	500,000								500,000
Site Work	500,000								500,000
Construction	8,900,000								8,900,000
Equipment/Furnishings	0								
Other	0								
Total Cost	11,000,000	0	0	0	0	0	0	0	11,000,000

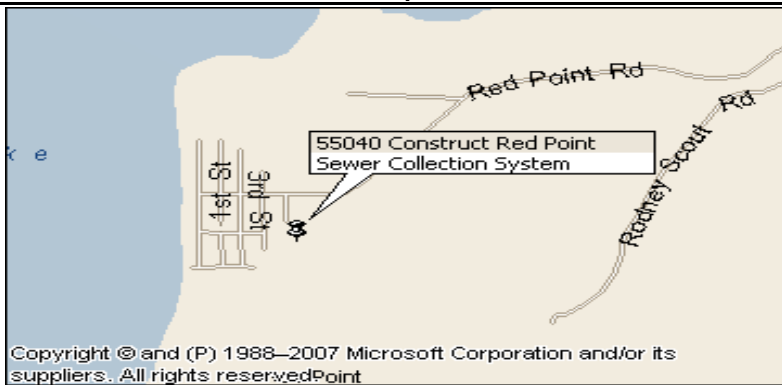
FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,100,000								2,100,000
State	8,900,000								8,900,000
Federal	0								
Other	0								
Total Funds	11,000,000	0	0	0	0	0	0	0	11,000,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 0
 Encumbered 0
 Total 0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Waste Water		Project Number: 55040	
Project Title: Construct Red Point Sewer Collect. System		Project Location: North East, MD	
Project Description/Status:		Priority: 32	
<p>This project will construct pump stations, force mains, and pressure and gravity sewers along with a packaged ENR treatment facility (approximate capacity of 50,000 GPD) for the Red Point community. This will decommission on-lot septic systems in accordance with the new Maryland Chesapeake Bay Watershed Implementation Plan, improve water quality, eliminate potential public health concerns, earn nutrient credits for NRAWWTP expansion and help meet the nutrient TMDL (total maximum daily load) for the Northeast River.</p>			
		Map Location 	

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,050,000								1,050,000
Land Acquisition	500,000								500,000
Site Work	500,000								500,000
Construction	4,725,000								4,725,000
Equipment/Furnishings	0								
Other	0								
Total Cost	6,775,000	0	0	0	0	0	0	0	6,775,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	500,000								500,000
State	6,275,000								6,275,000
Federal	0								
Other	0								
Total Funds	6,775,000	0	0	0	0	0	0	0	6,775,000

OPERATING BUDGET IMPACT:		Financial Activity as of	2/5/2016
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Solid Waste	Project Number: 53021	Map Location	
Project Title: Landfill Gas to Energy Facility	Project Location: Central Landfill		
Project Description/Status: Priority: 1			
<p>This project is for the permitting, design, engineering, and construction of a Landfill Gas to Energy Facility to generate electricity for use on site and to sell to the local power grid. The beneficial use of LFG helps reduce GHG emissions, complies with the County's mission statement, and helps meet the growing need for electricity in the mid-atlantic region.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	890,000				190,000				700,000
Land Acquisition	0								
Site Work	0								
Construction	830,000					330,000			500,000
Equipment/Furnishings	2,800,000								2,800,000
Other	1,000	1,000							
Total Cost	4,521,000	1,000	0	0	190,000	330,000	0	0	4,000,000

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	4,520,000				190,000	330,000			4,000,000
State	0								
Federal	0								
Other	1,000	1,000							
Total Funds	4,521,000	1,000	0	0	190,000	330,000	0	0	4,000,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	<u><u>0</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Solid Waste	Project Number: 53016	Map Location	
Project Title: Green Waste Processing Center	Project Location: Central Landfill		
Project Description/Status:	Priority: 2		
<p>MDE's composting work group "final report" dated January 2013 prepared for the MD General Assembly recommends new composting regulations. These include performance based and prescriptive requirements for design and construction. Prescriptive requirements may include an impervious processing surface and associated SWM facilities. Currently, upgrades to better accommodate commercial haulers and homeowner's are to be completed fall 2014.</p>		<p>Copyright © and (P) 1988–2007 Microsoft Corporation and/or its suppliers. All rights reserved.</p>	

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	50,000				50,000				
Site Work	0								
Construction	500,000					500,000			
Equipment/Furnishings	0								
Other	0								
Total Cost	550,000	0	0	0	50,000	500,000	0	0	0

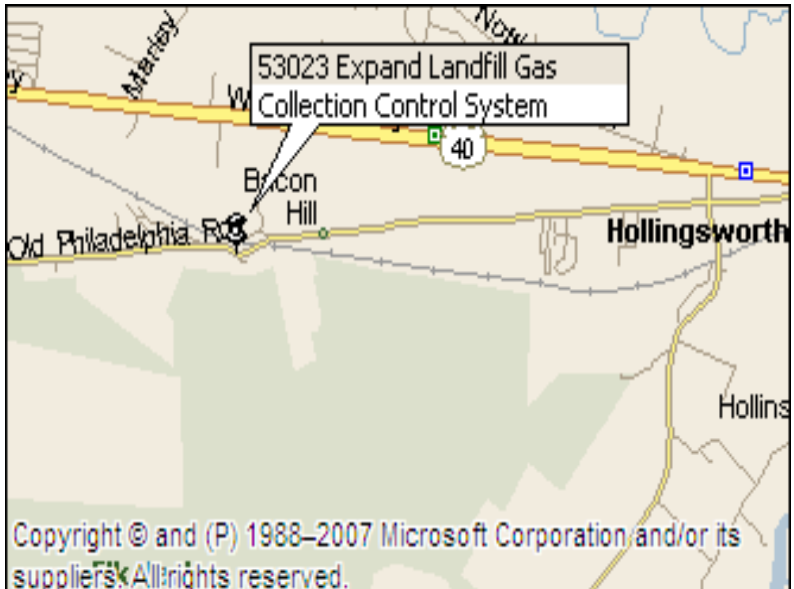
FUNDING SCHEDULE

County Paygo	0								
County Bonds	550,000				50,000	500,000			
State	0								
Federal	0								
Other	0								
Total Funds	550,000	0	0	0	50,000	500,000	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Solid Waste	Project Number: 53023	Map Location 	
Project Title: Expand Landfill Gas Collection Control System	Project Location: Central Landfill		
Project Description/Status:	Priority: 3		
<p>Future expansion of the Landfill Gas Collection System including new collection wells and transmission lines to maintain the efficient collection of Landfill Gas and to control emissions/odors from the landfill disposal areas.</p>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	150,000	100,000			50,000				
Land Acquisition	0								
Site Work	0								
Construction	800,000	700,000			100,000				
Equipment/Furnishings	0								
Other	0								
Total Cost	950,000	800,000	0	0	150,000	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	950,000	800,000			150,000				
State	0								
Federal	0								
Other	0								
Total Funds	950,000	800,000	0	0	150,000	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	549,793
Encumbered	32,778
Total	582,571

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Solid Waste	Project Number: 53029	Map Location	
Project Title: Construct Horizontal Expansion	Project Location: Central Landfill		
Project Description/Status:	Priority: 4		
<p>Due to diminishing disposal capacity and increasing population growth the Central Landfill must be expanded. An approximately 67.6 acre horizontal expansion of the landfill disposal area is proposed. The project is proposed to be performed in several phases and will provide decades of additional landfill lifetime. The project will create six (6) new disposal cells with a total disposal capacity of approximately 16.6 million cubic yards and will extend landfill life several decades. In April 2014, the County completed the multi-year 5 phase permitting process and received the refuse disposal permit for the expansion from MDE. As part of this permit, cell 2 is the next cell to be developed following utilization of our existing cell 4/5 airspace.</p>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	6,771,635	1,516,635					500,000		4,755,000
Land Acquisition	0								
Site Work	0								
Construction	52,495,000							2,800,000	49,695,000
Equipment/Furnishings	0								
Other	0								
Total Cost	59,266,635	1,516,635	0	0	0	0	500,000	2,800,000	54,450,000

FUNDING SCHEDULE

County Paygo	1,516,635	1,516,635							0
County Bonds	57,750,000						500,000	2,800,000	54,450,000
State	0								
Federal	0								
Other	0								
Total Funds	59,266,635	1,516,635	0	0	0	0	500,000	2,800,000	54,450,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	1,465,316
Encumbered	0
Total	1,465,316

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Solid Waste	Project Number: 53026	Map Location	
Project Title: Upgrade Landfill Entrance Road	Project Location: Central Landfill		
Project Description/Status: As the landfill expands and incoming waste volumes increase with growth in the County, improvements to the entrance road will be needed to manage additional traffic flow. Plans include providing dedicated lanes for homeowner and commercial haulers and an emergency by-pass lane.			
Priority: 5		<p>Elk Neck Forest</p> <p>Copyright © and (P) 1988-2007 Microsoft Corporation and/or its suppliers. All rights reserved.</p>	

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	0	0	0	0	0	0	0	0	0
FUNDING SCHEDULE									
County Paygo	0								
County Bonds	0								
State	0								
Federal	0								
Other	0								
Total Funds	0	0	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department:
DPW-Solid Waste

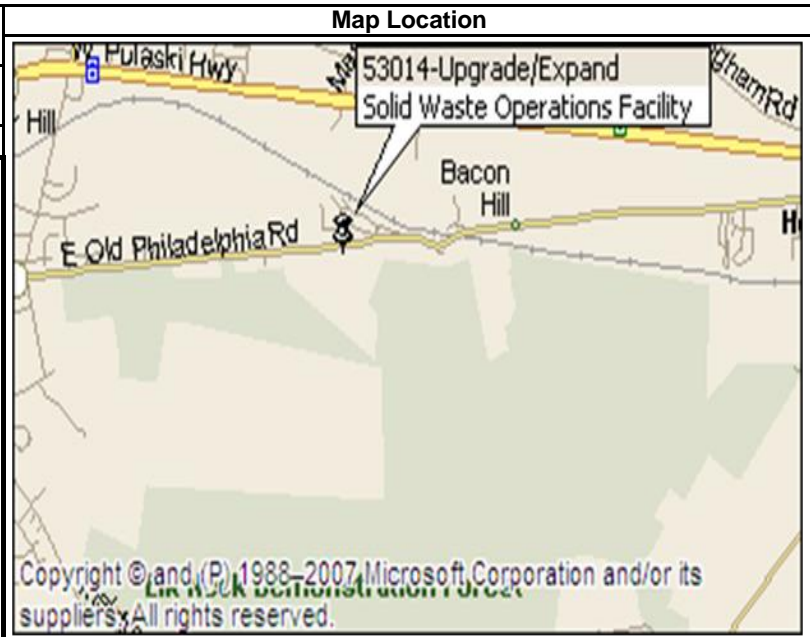
Project Number:
53014

Project Title:
Upgrade/Expand Solid Waste Operations Facility

Project Location:
Central Landfill

Project Description/Status: **Priority:** 6

As the landfill expands and incoming waste volume increases, it will be necessary to upgrade and expand the existing facility and infrastructure that support landfill operations. The current office is a modular building inadequately sized and with limited life expectancy. The existing maintenance building is deteriorating due to age and inadequately sized to perform maintenance of the current landfill equipment. This project is part of the site wide "Area Development Plan" which proposes to construct improvements to SWMD, Roads Division, FVS, and inter-related infrastructure. This project is proposed to be performed in several phases. Phase I consist of temporary relocation of SWMD offices. Subsequent phases will include design and construction of utility relocations, site work, demolition of existing structures, and construction of a new SWMD facility. This facility will include offices, staff areas, and maintenance shops. FY15 funding was utilized to install 3-phase power service to the central yard.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	600,000								600,000
Land Acquisition	0								
Site Work	423,355	173,355	0						250,000
Construction	4,700,000								4,700,000
Equipment/Furnishings	0								
Other	0								
Total Cost	5,723,355	173,355	0	0	0	0	0	0	5,550,000

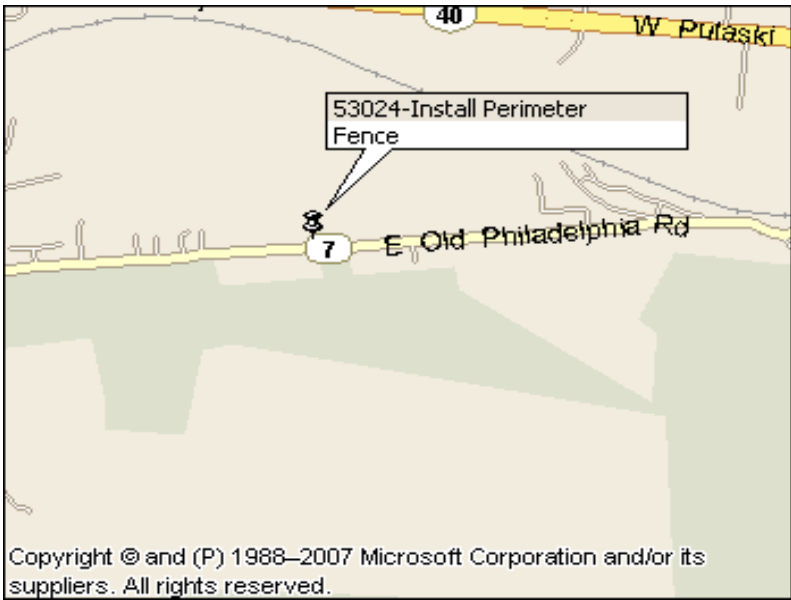
FUNDING SCHEDULE

County Paygo	173,355	173,355	0						
County Bonds	5,550,000								5,550,000
State	0								
Federal	0								
Other	0								
Total Funds	5,723,355	173,355	0	0	0	0	0	0	5,550,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 0
 New Positions (FTE's): 0.0

Financial Activity as of 2/5/2016
 Expended 173,355
 Encumbered 0
Total 173,355

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Solid Waste	Project Number: 53024	Map Location	
Project Title: Install Perimeter Fence	Project Location: Central Landfill		
Project Description/Status: Install perimeter fencing to enclose sensitive and/or hazardous high risk areas of the landfill, to meet permitting requirements and protect valuable assets. The project will encompass existing cells 4 and 5, as well as the Homeowners Convenience Center.			
Priority: 7		<small>Copyright © and (P) 1988–2007 Microsoft Corporation and/or its suppliers. All rights reserved.</small>	

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	0	0	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	0								
State	0								
Federal	0								
Other	0								
Total Funds	0	0	0	0	0	0	0	0	0

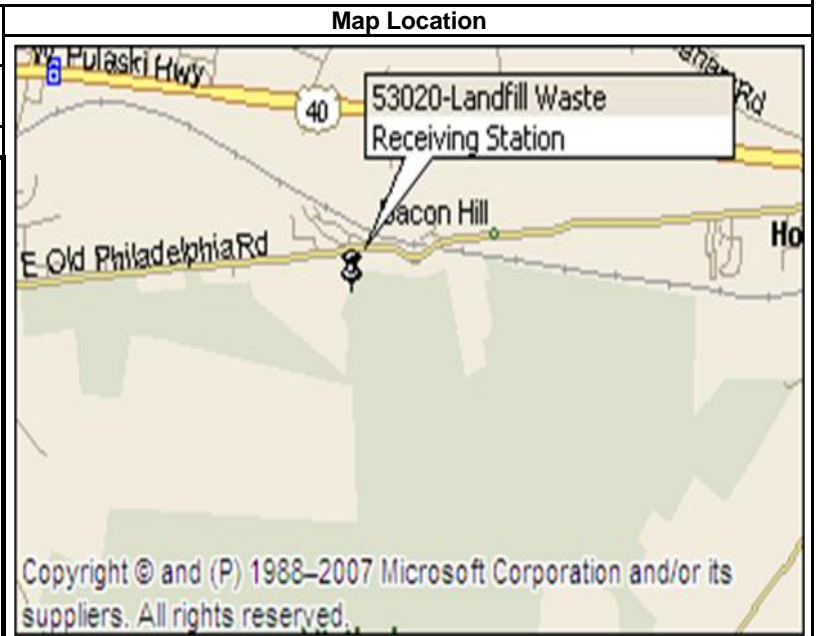
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	<u><u>0</u></u>

Project Form **Cecil County Capital Improvements Program 2017**

Agency/Department: DPW-Solid Waste	Project Number: 53020
Project Title: Construct Landfill Waste Receiving Station	Project Location: Central Landfill
Project Description/Status:	Priority: 8



This project consists of construction of a receiving facility suitable to pre-condition incoming waste including sorting out recyclables, contractor debris, and other waste streams that can be diverted from landfill disposal. Landfill space can be conserved and recycling/re-use improved by preconditioning incoming waste before disposal. The facility could also be used as a transfer station to haul waste and recyclables to other suitable offsite locations, if needed.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	0	0	0	0	0	0	0	0	0


FUNDING SCHEDULE

County Paygo	0								0
County Bonds	0								
State	0								
Federal	0								
Other	0								
Total Funds	0	0	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	<u><u>0</u></u>

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Solid Waste	Project Number: 53012	Map Location 	
Project Title: Construct Southern Regional Transfer Station	Project Location: TBD		
Project Description/Status:	Priority: 9		
<p>Due to growth within Cecil County, the Stemmers Run Transfer Station is deemed to be undersized and poorly located to meet public needs. A feasibility study has been performed and presents options for expanding the existing facility or to purchase suitable property and permit, design and construct a new facility.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	500,000								500,000
Land Acquisition	500,000								500,000
Site Work	0								
Construction	5,000,000								5,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	6,000,000	0	0	0	0	0	0	0	6,000,000

FUNDING SCHEDULE									
County Paygo	0								0
County Bonds	6,000,000								6,000,000
State	0								
Federal	0								
Other	0								
Total Funds	6,000,000	0	0	0	0	0	0	0	6,000,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	0
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2017	
Agency/Department: DPW-Solid Waste		Project Number: 53019	
Project Title: Central Landfill Stormwater Management		Project Location: Central Landfill	
Project Description/Status:		Priority:	
<p>Past project activities have included erosion & sediment control improvements to the site and development of a stormwater management plan to comply with current stormwater regulations. The project also includes implementation of the new stormwater plan and additional upgrades to stormwater controls which may consist of enlarging existing ponds and traps, constructing new drainage swales, stormwater ponds and other stormwater management controls/facilities to comply with stormwater regulations that are becoming severely restrictive. Improvements to the drainage area of sediment basin 1 have been completed. Currently, design of erosion & sediment control improvements to sediment basins 2 & 3 and sediment trap 4 are in progress. Associated construction of these improvements is to occur spring 2015.</p>		<p>Map Location</p>	

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2016	Five Year Capital Program					Balance to Complete
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Design/Engineering	1,055,000	1,055,000							
Land Acquisition	0								
Site Work	0								
Construction	1,838,319	1,838,319							
Equipment/Furnishings	0								
Other	0								
Total Cost	2,893,319	2,893,319	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	827,755	827,755							
County Bonds	2,065,564	2,065,564							
State	0								
Federal	0								
Other	0								
Total Funds	2,893,319	2,893,319	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	2/5/2016
Expended	2,716,885
Encumbered	22,191
Total	<u>2,739,075</u>