

CECIL COUNTY, MARYLAND

2018

**CAPITAL IMPROVEMENT PROGRAM
APPROVED
JUNE 6, 2017**



DR. ALAN MCCARTHY, COUNTY EXECUTIVE

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SUMMARY
CECIL COUNTY, MARYLAND
FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
FY2018 - FY2022 CAPITAL IMPROVEMENT PLAN

(\$ in thousands)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
CAPITAL COSTS								
Governmental Projects								
Cecil County Public Schools	11,941	10,036	6,247	7,810	9,610	45,644	33,567	79,211
Cecil College	992	1,249	1,853	10,890	10,021	25,005	2,017	27,022
Cecil County Public Library	1,345	9,057	8,250	765	0	19,417	1,313	20,730
Emergency Services	5,265	3,400	0	100	1,300	10,065	2,300	12,365
Cecil County Sheriff	0	0	0	0	0	0	0	0
Roads and Bridges	2,755	9,200	3,060	1,800	4,625	21,440	34,763	56,203
Parks and Recreation	1,721	0	1,121	2,180	1,106	6,128	7,771	13,899
Facilities Management	1,203	0	375	225	0	1,803	241	2,044
Information Technology	250	0	0	0	0	250	1,482	1,732
Total Governmental	\$25,472	\$32,942	\$20,906	\$23,770	\$26,662	\$129,752	\$83,454	\$213,206
Enterprise Fund Projects								
Wastewater	14,500	9,692	9,050	12,775	11,850	57,867	65,675	123,542
Solid Waste	0	340	830	500	2,800	4,470	5,384	9,854
Total Other Funds	\$14,500	\$10,032	\$9,880	\$13,275	\$14,650	\$62,337	\$71,059	\$133,396
Total All Projects	\$39,972	\$42,974	\$30,786	\$37,045	\$41,312	\$192,089	\$154,513	\$346,602
FINANCING SOURCES								
Governmental Projects								
General Obligation Bond Proceeds	\$18,063	\$18,231	\$17,638	\$15,487	\$16,336	\$85,755	\$55,259	\$141,014
General Fund Operating Transfer	\$0	\$0	\$0	\$0	\$0	\$0	\$5,272	\$5,272
General Fund - Fund Balance Appropriation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total County Funding	18,063	18,231	17,638	15,487	16,336	85,755	60,531	146,286
Federal	\$0	\$7,060	\$600	\$0	\$0	\$7,660	\$3,703	\$11,363
State	\$6,974	\$7,651	\$2,139	\$8,245	\$10,326	\$35,335	\$17,244	\$52,579
Other - VLT - Developer Contribution	\$435	\$0	\$529	\$38	\$0	\$1,002	\$1,976	\$2,978
Total Governmental	\$25,472	\$32,942	\$20,906	\$23,770	\$26,662	\$129,752	\$83,454	\$213,206
Enterprise Fund Projects								
Wastewater Bond Proceeds	6,500	8,432	8,100	12,775	11,850	47,657	31,604	79,261
Wastewater - Fund Balance Appropriation	0	0	0	0	0	0	2,215	2,215
Wastewater - Other	8,000	1,260	950	0	0	10,210	31,856	42,066
Solid Waste Bond Proceeds	0	340	830	500	2,800	4,470	2,865	7,335
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	\$14,500	\$10,032	\$9,880	\$13,275	\$14,650	\$62,337	\$71,059	\$133,396
Total All Projects	\$39,972	\$42,974	\$30,786	\$37,045	\$41,312	\$192,089	\$154,513	\$346,602

**CECIL COUNTY PUBLIC SCHOOLS
CECIL COUNTY, MARYLAND
FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
FY2018 - FY2022 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
CAPITAL COSTS									
Governmental Projects									
Perryville Elementary Renovation	71239	0	0	0	0	0	0	18,763	18,763
Conowingo Elementary School Roof Repl.	71249	0	0	0	0	0	0	358	358
Bo Manor Middle/High School Boiler Repl.	71257	0	0	0	0	0	0	600	600
Kenmore Elementary School Boiler Repl.	71258	0	0	0	0	0	0	490	490
Cherry Hill Middle School Boiler Repl.	71259	0	0	0	0	0	0	697	697
Thomson Estates Elementary Boiler Repl.	71260	0	0	0	0	0	0	574	574
Gilpin Manor Elementary Replacement	71251	8,223	8,222	4,147	0	0	20,592	9,051	29,643
Cecil Manor Elementary School Roof Repl.	71262	893	0	0	0	0	893	0	893
Cecilton Elementary School Exterior Env.	71252	0	0	0	0	0	0	575	575
New Chesapeake City Elementary	71261	0	0	350	7,810	7,810	15,970	900	16,870
BTOP (Boradband Technology)	71253	0	0	0	0	0	0	1,174	1,174
Perryville High Cooling Tower	71254	0	0	0	0	0	0	150	150
Cecil Manor Elementary Waterline	71255	0	0	0	0	0	0	175	175
Bo Manor Middle/High School Interior Waterline	71556	0	0	0	0	0	0	60	60
Kenmore Elementary School Add/Ren	0	0	0	0	0	0	0	0	0
North East Middle School Add/Renovation	0	0	0	0	0	1,800	1,800	0	1,800
Cecil Manor Elementary School HVAC	0	0	1,750	0	0	0	1,750	0	1,750
Thomson Estates Elementary Renovation	0	0	0	0	0	0	0	0	0
Perryville High School Boiler Repl.	866	0	0	0	0	0	866	0	866
Bo Manor Middle/High School Roof Repl.	1,318	1,317	0	0	0	0	2,635	0	2,635
Conowingo Elementary School Boiler Repl.	297	0	0	0	0	0	297	0	297
Providence School Roof Repl.	344	0	0	0	0	0	344	0	344
Rising Sun Elem. School Boiler Repl.	0	497	0	0	0	0	497	0	497
Total Cecil County Public Schools		\$11,941	\$10,036	\$6,247	\$7,810	\$9,610	\$45,644	\$33,567	\$79,211
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$6,024	\$5,135	\$5,108	\$4,410	\$6,210	\$26,887	\$19,404	\$46,291
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		6,024	5,135	5,108	4,410	6,210	26,887	19,404	46,291
Federal		0	0	0	0	0	0	399	399
State		5,917	4,901	1,139	3,400	3,400	18,757	13,764	32,521
Other		0	0	0	0	0	0	0	0
Total Cecil County Public Schools		\$11,941	\$10,036	\$6,247	\$7,810	\$9,610	\$45,644	\$33,567	\$79,211

CECIL COLLEGE
CECIL COUNTY, MARYLAND
FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
FY2018 - FY2022 CAPITAL IMPROVEMENT PLAN

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
CAPITAL COSTS									
Governmental Projects									
Campus Entrance and Facilities Building		0	0	0	9,755	4,036	13,791	0	13,791
College Center		0	0	0	0	4,817	4,817	0	4,817
Renovations of Vacated Building Space		0	0	0	0	0	0	0	0
Instructional Technology	70029	280	291	303	315	327	1,516	1,081	2,597
Mechanical Infrastructure Replacements	70032	712	958	1,550	820	841	4,881	936	5,817
Total Cecil College		\$992	\$1,249	\$1,853	\$10,890	\$10,021	\$25,005	\$2,017	\$27,022
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$992	\$1,249	\$1,253	\$6,652	\$3,095	\$13,241	\$2,017	\$15,258
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		992	1,249	1,253	6,652	3,095	13,241	2,017	15,258
Federal		0	0	600	0	0	600	0	600
State		0	0	0	4,238	6,926	11,164	0	11,164
Other		0	0	0	0	0	0	0	0
Total Cecil College		\$992	\$1,249	\$1,853	\$10,890	\$10,021	\$25,005	\$2,017	\$27,022

CECIL COUNTY PUBLIC LIBRARY
CECIL COUNTY, MARYLAND
FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
FY2018 - FY2022 CAPITAL IMPROVEMENT PLAN

(\$ in thousands)	Project Number	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
CAPITAL COSTS									
Governmental Projects									
North East Branch Library	72018	1,345	9,057	8,250	0	0	18,652	1,313	19,965
Elkton Branch Conversion of Space		0	0	0	765	0	765	0	765
Total Cecil Libraries		\$1,345	\$9,057	\$8,250	\$765	\$0	\$19,417	\$1,313	\$20,730
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$284	\$8,057	\$6,910	\$307	\$0	\$15,558	\$0	\$15,558
General Fund Operating Transfer		0	0	0	0	0	0	586	586
General Fund - Fund Balance Appropriation		0	0	0	0	0	0	0	0
Total County Funding		284	8,057	6,910	307	0	15,558	586	16,144
Federal		0	0	0	0	0	0	0	0
State		861	1,000	1,000	420	0	3,281	727	4,008
Other - VLT		200	0	340	38	0	578	0	578
Total Cecil Libraries		\$1,345	\$9,057	\$8,250	\$765	\$0	\$19,417	\$1,313	\$20,730

**EMERGENCY SERVICES
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
 FY2018 - FY2022 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
CAPITAL COSTS									
Governmental Projects									
P25 Dispatch Migration - Dispatch/911	50050	0	0	0	0	0	0	2,300	2,300
P25 Dispatch Migration - Towers	50050	5,265	0	0	0	0	5,265	0	5,265
P25 Dispatch Migration - Units	50050	0	3,400	0	0	0	3,400	0	3,400
Cecil College Paramedic Station #4		0	0	0	100	1,100	1,200	0	1,200
Fair Hill Station Construction		0	0	0	0	200	200	0	200
Total Emergency Services		\$5,265	\$3,400	\$0	\$100	\$1,300	\$10,065	\$2,300	\$12,365
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$5,265	\$1,650	\$0	\$100	\$1,300	\$8,315	\$2,300	\$10,615
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		5,265	1,650	0	100	1,300	8,315	2,300	10,615
Federal		0	0	0	0	0	0	0	0
State		0	1,750	0	0	0	1,750	0	1,750
Other		0	0	0	0	0	0	0	0
Total Emergency Services		\$5,265	\$3,400	\$0	\$100	\$1,300	\$10,065	\$2,300	\$12,365

**ROADS AND BRIDGES
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
 FY2018 - FY2022 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
CAPITAL COSTS									
Governmental Projects									
Red Toad Road at Route 40 Intersection Improvements	52684	0	0	0	0	0	0	1,016	1,016
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	1,021	1,021
Road Improvements at Waibel Road from Firetower Rd. to Dr. Jack Rd.	52664	0	0	0	0	0	0	1,255	1,255
Replacement of Bridge CE-0072 Razor Strap Road over Stony Run	52080	0	0	0	0	0	0	2,825	2,825
Razor Strap Road Improvements Phases I & II	52223	0	0	0	0	0	0	3,302	3,302
Racine School Road Improvements	52019	0	0	0	0	0	0	3,102	3,102
Oldfield Point Road Improvements (Old Chestnut to Old Ferry)	52594	0	0	2,000	0	0	2,000	4,689	6,689
Replacement of Reservoir Road Culverts	52685	0	0	0	0	0	0	1,624	1,624
Replace Star Route Road Culverts (2)	52691	0	0	0	0	0	0	574	574
Lums Road Street Improvements (Bouchelle Road to Little North East Creek)	52213	325	2,000	0	0	0	2,325	1,475	3,800
Replace Bohemia Church Road Culverts (3)	52692	1,350	0	0	0	0	1,350	275	1,625
Replacement of Bridge CE-0042 Mechanics Valley Road over CSX	52634	1,000	6,500	0	0	0	7,500	825	8,325
Upgrade Nottingham Roads Facility	52637	0	0	0	0	0	0	933	933
Chesapeake City Salt Storage Facility	52021	0	0	100	50	700	850	125	975
Old Elk Neck/Crestwood Roads Intersection Improvements	52643	0	0	150	100	700	950	0	950
Rehabilitate Bridge CE-0104 Iron Hill Road over Amtrak	52676	0	0	0	0	0	0	0	0
Rehabilitate Bridge CE-0101 Mechanic's Valley Road over Amtrak	52677	0	0	0	0	0	0	0	0
Rehabilitate Bridge CE-0102 Old Elk Neck Road over Amtrak	52697	0	0	0	0	0	0	0	0
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	450	0	0	450	137	587
Replace Central Yard Fuel Point Tank	52702	0	0	40	550	0	590	0	590
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	0	700	700	0	700
Replace Elk Mills Road Culverts	52686	0	0	170	500	0	670	0	670
Belle Hill Road and Appleton Road Intersection Improvements	52700	0	0	150	100	700	950	0	950
Oldfield Point Road at Jones Chapel Road Intersection Improvements	52652	0	0	0	0	0	0	0	0
Dr. Jack Road at Frist Road Intersection Improvements	52651	0	0	0	0	0	0	0	0
Intersection Improvements - Leeds, Union Valley & North Simperts Road	52666	0	0	0	0	0	0	0	0
Intersection Improvements - Shady Beach Road at Old Elk Neck Road	52667	0	0	0	0	0	0	0	0
Old Elk Neck Road at Irishtown Road Intersection Improvements	52650	0	0	0	0	0	0	0	0
Painting of Various County Bridges	52701	80	700	0	0	0	780	0	780
Replacement of Bridge CE-0112 Liberty Grove Road over Rock Run Creek	52648	0	0	0	250	200	450	0	450
Replacement of Bridge CE-0047 Dr. Jack Road over Abandoned Railroad	52658	0	0	0	0	300	300	0	300
Intersection Improvements - Union Church, Nottingham & Stevenson Rds.	52668	0	0	0	0	200	200	0	200

**ROADS AND BRIDGES
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
 FY2018 - FY2022 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
Replacement of Bridge CE-0055 Belvidere Road over CSX	52657	0	0	0	0	700	700	0	700
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	275	275	0	275
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
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	4,013	4,013
Construct Old Elk Neck Road Improvements	52675	0	0	0	0	0	0	2,220	2,220
Replacement of Bridge CE-0075 Old Elk Neck Road over Piney Creek	52036	0	0	0	0	0	0	3,592	3,592
Total Roads and Bridges		\$2,755	\$9,200	\$3,060	\$1,800	\$4,625	\$21,440	\$34,763	\$56,203
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$2,755	\$2,140	\$3,060	\$1,800	\$4,625	\$14,380	\$25,678	\$40,058
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		2,755	2,140	3,060	1,800	4,625	14,380	30,289	44,669
Federal		0	7,060	0	0	0	7,060	3,304	10,364
State		0	0	0	0	0	0	0	0
Other - VLT, Developer Contribution		0	0	0	0	0	0	1,170	1,170
Total Roads and Bridges		\$2,755	\$9,200	\$3,060	\$1,800	\$4,625	\$21,440	\$34,763	\$56,203

**PARKS AND RECREATION
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
 FY2018 - FY2022 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
CAPITAL COSTS									
Governmental Projects									
Calvert Regional Park - Development	56015	700	0	0	2,180	0	2,880	5,820	8,700
Elk River - Dredged Material Placement	56017	0	0	0	0	0	0	1,951	1,951
Bo Manor Synthetic Turf - Development		0	0	1,121	0	0	1,121	0	1,121
Elkton Synthetic Turf - Development		0	0	0	0	0	0	0	0
North East Synthetic Turf - Development		0	0	0	0	0	0	0	0
Perryville Synthetic Turf - Development		1,021	0	0	0	0	1,021	0	1,021
Rising Sun Synthetic Turf - Development		0	0	0	0	1,106	1,106	0	1,106
Total Parks and Recreation		\$1,721	\$0	\$1,121	\$2,180	\$1,106	\$6,128	\$7,771	\$13,899
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$1,290	\$0	\$932	\$1,993	\$1,106	\$5,321	\$4,212	\$9,533
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		1,290	0	932	1,993	1,106	5,321	4,212	9,533
Federal		0	0	0	0	0	0	0	0
State		196	0	0	187	0	383	2,753	3,136
Other - VLT		235	0	189	0	0	424	806	1,230
Total Parks and Recreation		\$1,721	\$0	\$1,121	\$2,180	\$1,106	\$6,128	\$7,771	\$13,899

**FACILITIES MANAGEMENT
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
 FY2018 - FY2022 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
CAPITAL COSTS									
Governmental Projects									
Health Department Parking Lot & Curbing		0	0	375	0	0	375	0	375
Historical Society Building Renovations	58040	0	0	0	0	0	0	241	241
Courthouse Holding Cell Revovations		540	0	0	0	0	540	0	540
Resurface Courthouse Parking Lot		0	0	0	225	0	225	0	225
Retrofit Additional Space Sheriff's Office		663	0	0	0	0	663	0	663
Total Facilities Management		\$1,203	\$0	\$375	\$225	\$0	\$1,803	\$241	\$2,044
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$1,203	\$0	\$375	\$225	\$0	\$1,803	\$241	\$2,044
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		1,203	0	375	225	0	1,803	241	2,044
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		\$1,203	\$0	\$375	\$225	\$0	\$1,803	\$241	\$2,044

INFORMATION TECHNOLOGY
CECIL COUNTY, MARYLAND
FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
FY2017 - FY2021 CAPITAL IMPROVEMENT PLAN

(\$ in thousands)	Project Number	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
CAPITAL COSTS									
Governmental Projects									
BTOP - Broadband Initiative	61002	0	0	0	0	0	0	832	832
Permitting System	61003	250	0	0	0	0	250	650	900
Total Information Technology		\$250	\$0	\$0	\$0	\$0	\$250	\$1,482	\$1,732
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$250	\$0	\$0	\$0	\$0	\$250	\$1,407	\$1,657
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		250	0	0	0	0	250	1,482	1,732
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		\$250	\$0	\$0	\$0	\$0	\$250	\$1,482	\$1,732

**WASTEWATER
CECIL COUNTY, MARYLAND
FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
FY2018 - FY2022 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
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	1,500	5,877	4,500	7,000	7,000	25,877	9,029	34,906
Construct Principio San. Sewer North	55018	0	0	0	0	0	0	5,145	5,145
Replace Port Deposit WWTP	55069	9,000	0	0	0	0	9,000	1,700	10,700
Upgrade Two Existing Port Deposit PS	55055	0	125	1,000	0	0	1,125	125	1,250
Replace Harbour View WWTP	55053	4,000	0	0	0	0	4,000	550	4,550
Construct CECO to Cherry Hill Connection	55070	0	0	0	0	0	0	0	0
Construct Rt. 40 West Sanitary Sewer	55031	0	1,000	2,200	1,500	0	4,700	1,480	6,180
Construct Holloway Beach Sewer	55041	0	2,500	0	0	0	2,500	350	2,850
Construct Rock Run Road Sewer Ext.	55057	0	150	950	0	0	1,100	0	1,100
Expand Meadowview WWTP	55033	0	0	0	1,750	0	1,750	430	2,180
Washington Street PS Upgrades Ph. II	55029	0	0	0	0	0	0	577	577
Upgrade Mechanics Valley Rd. Pump Stat	55059	0	0	100	425	0	525	0	525
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	0	0	350	3,500	3,850	0	3,850
Replace CSX Sewer Line @ Red Toad Rd	55066	0	0	0	0	0	0	605	605
I/I - Port Deposit	55061	0	0	0	0	0	0	1,200	1,200
Upgrade Meadowview Sewer Collect, Ph 4,5	55065	0	0	0	0	0	0	200	200
Improve Septage Acceptance Station	55071	0	0	0	0	0	0	0	0
Construct W. Old Phila. Rd. Sewer CS	55048	0	0	0	0	1,000	1,000	0	1,000
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	0	100	100	862	962
Construct Hances Point Sewer Collection	55039	0	0	0	250	250	500	0	500
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		\$14,500	\$9,692	\$9,050	\$12,775	\$11,850	\$57,867	\$65,675	\$123,542
FINANCE SOURCES									
Enterprise Fund Projects									
Wastewater Bond Proceeds		\$6,500	\$8,432	\$8,100	\$12,775	\$11,850	\$47,657	\$31,604	\$79,261
Wastewater - Fund Balance Appropriation		0	0	0	0	0	0	2,215	2,215
Wastewater - Other		8,000	1,260	950	0	0	10,210	31,856	42,066
Total Wastewater Enterprise Fund		\$14,500	\$9,692	\$9,050	\$12,775	\$11,850	\$57,867	\$65,675	\$123,542

**SOLID WASTE
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2018 APPROVED CAPITAL PROJECT BUDGET
 FY2018 - FY2022 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total '18-'22	PRIOR APPROP. thru FY17	PROJECT TOTAL thru FY22
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	100	0	0	0	100	800	900
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	\$340	\$830	\$500	\$2,800	\$4,470	\$5,384	\$9,854
FINANCING SOURCES									
Enterprise Fund Projects									
Solid Waste Bond Proceeds		\$0	\$340	\$830	\$500	\$2,800	\$4,470	\$2,865	\$7,335
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	\$340	\$830	\$500	\$2,800	\$4,470	\$5,384	\$9,854

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
Cecil County Public Schools

Project Number:
71239

Project Title:
Perryville Elementary Renovation

Project Location:
901 Maywood Avenue, Perryville

Project Description/Status: **Priority:**

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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	1,400	1,400							
Land Acquisition	0	0							
Site Work	784	784							
Construction	14,293	14,293							
Equipment/Furnishings	772	772							
Other	1,514	1,514							
Total Cost	18,763	18,763	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0	0							
County Bonds	11,109	11,109							
State	7,654	7,654							
Federal	0	0							
Other - VLT	0	0							
Total Funds	18,763	18,763	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 3/29/2017
 Expended 11,013,948
 Encumbered 0
Total 11,013,948

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Cecil County Public Schools	Project Number: 71249
Project Title: Conowingo Elem. Roof Replacement	Project Location: 471 Rowlandsville Road, Conowingo
Project Description/Status: Priority:	



Replace 1993 EPDM portions of roof only.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3/29/2017
Expended	111,495
Encumbered	0
Total	<u>111,495</u>

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
Cecil County Public Schools

Project Number:
71257

Project Title:
Bo Manor Middle/High School Boiler Repl.

Project Location:

Project Description/Status: **Priority:**

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).



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	585	585							
Equipment/Furnishings	0								
Other	15	15							
Total Cost	600	600	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	222	222							
State	378	378							
Federal	0								
Other	0								
Total Funds	600	600	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 3/29/2017
 Expended 206,915
 Encumbered 0
Total 206,915

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
Cecil County Public Schools

Project Number:
71258

Map Location

Project Title:
Kenmore Elementary School Boiler Repl.

Project Location:



Project Description/Status: **Priority:**

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.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	478	478							
Equipment/Furnishings	0								
Other	12	12							
Total Cost	490	490	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	181	181							
State	309	309							
Federal	0								
Other	0								
Total Funds	490	490	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 3/29/2017
 Expended 87,224
 Encumbered 0
Total 87,224

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
Cecil County Public Schools

Project Number:
71259

Map Location

Project Title:
Cherry Hill Middle School Boiler Repl.

Project Location:
2535 Singerly Road, Elkton MD

Project Description/Status: **Priority:**

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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	680	680							
Equipment/Furnishings	0								
Other	17	17							
Total Cost	697	697	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	258	258							
State	439	439							
Federal	0								
Other	0								
Total Funds	697	697	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 3/29/2017
 Expended 114,815
 Encumbered 0
Total 114,815

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
Cecil County Public Schools

Project Number:
71260

Project Title:
Thomson Estates Elementary Boiler Repl.

Project Location:

Project Description/Status: **Priority:**

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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	560	560							
Equipment/Furnishings	0								
Other	14	14							
Total Cost	574	574	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	212	212							
State	362	362							
Federal	0								
Other	0								
Total Funds	574	574	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 3/29/2017
 Expended 105,432
 Encumbered 0
Total 105,432

Project Form **Cecil County Capital Improvements Program 2018**

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: 1



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	1,500	1,500							
Land Acquisition	0								
Site Work	3,513	3,513							
Construction	20,872	4,038	8,223	4,464	4,147				
Equipment/Furnishings	2,250			2,250					
Other	1,508			1,508					
Total Cost	29,643	9,051	8,223	8,222	4,147	0	0	0	0


FUNDING SCHEDULE

County Paygo	0								
County Bonds	18,271	5,013	4,647	4,464	4,147				
State	11,372	4,038	3,576	3,758					
Federal	0								
Other	0								
Total Funds	29,643	9,051	8,223	8,222	4,147	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	3/29/2017
Expended	886,570
Encumbered	0
Total	886,570

Project Form		Cecil County Capital Improvements Program 2018							
Agency/Department: Cecil County Public Schools		Project Number: 71253			Map Location				
Project Title: BTOP (Broadband Technology)		Project Location: Various High Schools							
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. 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.</p>									
EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0	0	0						
Land Acquisition	0	0	0						
Site Work	0	0	0						
Construction	1,174	1,174	0						
Equipment/Furnishings	0	0	0						
Other	0	0	0						
Total Cost	1,174	1,174	0	0	0	0	0	0	0
FUNDING SCHEDULE									
County Paygo	0	0	0						
County Bonds	775	775	0		0				0
State	0	0	0						
Federal - Erates	399	399	0						
Other - CCPS	0	0	0						
Total Funds	1,174	1,174	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

3/29/2017
 Expended 203,762
 Encumbered 0
 Total 203,762

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Cecil County Public Schools	Project Number: 71254
Project Title: PVHS Cooling Tower Replacement	Project Location: 1696 Perryville Road, Perryville MD
Project Description/Status:	
Priority:	



The existing cooling tower was installed in 1999. The life span of the current cooling tower is 15 to 20 years. The cooling tower that is currently in place is an older style cooling tower and does not have a mechanical fan. Newer model cooling towers have a fan which moves air through the cooling tower to remove enough heat from the condensing water for the chiller. The current cooling tower limits the capacity on the chiller and CCPS cannot lower the chilled water supply temperature to remove the humidity or maintain temperatures in the building on extreme days when the outside temperature and humidity is high.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0	0	0						
Land Acquisition	0	0	0						
Site Work	0	0	0						
Construction	150	150	0						0
Equipment/Furnishings	0	0	0						
Other	0	0	0						
Total Cost	150	150	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0	0	0						
County Bonds	150	150	0						0
State	0	0	0						
Federal	0	0	0						
Other	0	0	0						
Total Funds	150	150	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	3/29/2017
Expended	146,956
Encumbered	0
Total	<u>146,956</u>

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Cecil County Public Schools	Project Number: 71255
Project Title: Install Cecil Manor Elementary Waterline	Project Location: 971 Elk Mills Road, Elkton MD
Project Description/Status: Priority:	



Installation of a new domestic water line at Cecil Manor Elementary School. The line will run from the main Artesian water line directly across the street from the school. The existing 63' shallow well was drilled when the school was built in 1954. The shallow well raises contamination concerns or may run dry as more wells are tapped into the same aquifer. There is always the risk of damage to the existing well due to the quarry activities across the street. If unexpected damage occurred to the existing well, a new well cannot be drilled in the same location which is under the front sidewalk. New electrical and piping needs would be required if another well system was installed at the school. There are also two underground steel storage tanks that store domestic water and support the sprinkler system. They run the risk of developing leaks. Connecting to the Artesian water supply alleviates the current risk.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0	0	0						
Land Acquisition	0	0	0						
Site Work	0	0	0						
Construction	175	175	0						0
Equipment/Furnishings	0	0	0						
Other	0	0	0						
Total Cost	175	175	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0	0	0						
County Bonds	175	175	0						0
State	0	0	0						
Federal	0	0	0						
Other	0	0	0						
Total Funds	175	175	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	3/29/2017
Expended	4,820
Encumbered	0
Total	<u>4,820</u>

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Cecil County Public Schools	Project Number: 71256
Project Title: BMHS Interior Water Line	Project Location: 2755 Augustine Herman Hwy Ches City
Project Description/Status: Priority:	



The existing main domestic galvanized internal domestic water line at Bohemia Manor High school is in need of replacement. The existing pipe was installed when the school was built in 1958. The average life expectancy of the galvanized water line is 20-50 years. The school was on a well system which was high in iron for most of the life of the pipe. A water softener system was in place, but did not prevent all iron from getting into the system. The iron corroded the water line and now that the water line is connected to the Artesian water system, the iron is coming off the sides of the pipe and leaving iron deposits in the plumbing fixtures. A replacement utilizing a copper pipe has been recommended and will last 50 years.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2017	Five Year Capital Program					Balance to Complete
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Design/Engineering	0	0	0						
Land Acquisition	0	0	0						
Site Work	0	0	0						
Construction	60	60	0						0
Equipment/Furnishings	0	0	0						
Other	0	0	0						
Total Cost	60	60	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0	0	0						
County Bonds	60	60	0						0
State	0	0	0						
Federal	0	0	0						
Other	0	0	0						
Total Funds	60	60	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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Cecil County Public Schools	Project Number:
Project Title: Cecil Manor Elementary Roof	Project Location: 971 Elk Mills Road, Elkton
Project Description/Status:	Priority: 2



Cecil Manor Roof Replacement Scope of work includes replacing approximately 47,047 square feet of existing four-ply built up roof with a new two-ply modified bitumen roof. Scope includes removing existing roofing system down to metal, and tectum decks, installing tapered insulation to achieve inch per foot slope, and install a modified bitumen roof system with a 20 year NDL warranty. Work will address curbs, roof drains, flashings, and metal coping on walls.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr.	Five Year Capital Program					Balance to Complete
			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	21		21						
Land Acquisition	0								
Site Work	0								
Construction	867		867						
Equipment/Furnishings	0								
Other	5		5						
Total Cost	893	0	893	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	330		330						
State	563		563						
Federal	0								
Other	0								
Total Funds	893	0	893	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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	575	575							
Equipment/Furnishings	0								
Other	0								
Total Cost	575	575	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	207	207							
State	368	368							
Federal	0								
Other	0								
Total Funds	575	575	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	3/29/2017
Expended	169,876
Encumbered	0
Total	169,876

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Cecil County Public Schools	Project Number: 71261
Project Title: New Chesapeake City Elementary School	Project Location: curr. 214 Third Street, Ches. City
Project Description/Status:	Priority: 8



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 IA 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	Five Year Capital Program					Balance to Complete	
			Budget Yr. FY 2018	FY 2019	FY 2020	FY 2021	FY 2022		FY 2023
Design/Engineering	350				350				
Land Acquisition	900	900							
Site Work	2,744					2,744			
Construction	17,219					5,066	5,577	6,576	
Equipment/Furnishings	1,000						1,000		
Other	2,467						1,233	1,234	
Total Cost	24,680	900	0	0	350	7,810	7,810	7,810	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	14,481	900			350	4,410	4,410	4,411	
State	10,199					3,400	3,400	3,399	
Federal	0								
Other	0								
Total Funds	24,680	900	0	0	350	7,810	7,810	7,810	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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Cecil County Public Schools	Project Number:
Project Title: PVHS Boiler Replacement	Project Location: 1696 Perryville Road, Perryville MD
Project Description/Status:	Priority: 3



Perryville High School is heated by a central hot water heating plant. Heating hot water is generated by two Cleaver Brooks Model CB Series oil-fired fire-tube style hot water boilers. Currently, the boilers are of equal size, at 200 boiler horsepower (6,695,800 Btu/hr) each and were installed in 1976. Fuel oil is stored in a 10,000 gallon underground storage tank located adjacent to the boiler room. The boilers are original to the building, at 40 years old, and are past their useful life. Domestic hot water is currently generated by utilizing the heating water system via a 5000 gallon hot water storage tank. Oil-fired boilers are less efficient than the natural gas fired condensing boilers that are available on the market today. It has been confirmed that a BGE gas line is installed in the street adjacent to the school than could be utilized as a new fuel source in lieu of No. 2 fuel oil. It is recommended that Cecil County Public Schools replace the 40 year old oil-fired boilers with four (4) new high efficiency gas-fired condensing boilers, each sized at 2,000,000 Btu/hr. It is also recommended that the existing domestic hot water storage tank be removed and two (2) new high-efficiency natural-gas fired domestic hot water heaters be installed in its place. The new boilers shall be provided with a boiler sequencing controller which shall be integrated into the existing school Johnson Controls DDC building energy management system. The remaining components of the school's 4-pipe heating and cooling central plant that was replaced in 2007 and is in good working order and are not recommended to be replaced at this time. If no other equipment is fed from the existing underground fuel oil storage tank, it is also recommended that the tank, fuel oil pumps, and associated piping be removed in their entirety.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr.	Five Year Capital Program					Balance to Complete
			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	30	0	30						
Land Acquisition	0	0							
Site Work	0	0							
Construction	836	0	836						0
Equipment/Furnishings	0	0							
Other	0	0							
Total Cost	866	0	866	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0	0							
County Bonds	320	0	320						0
State	546	0	546						
Federal	0	0							
Other	0	0							
Total Funds	866	0	866	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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Cecil County Public Schools	Project Number:
Project Title: Bo Manor Middle/High School Roof Repl.	Project Location: 2757 Augustine Herman Hwy., Chesapeake City
Project Description/Status:	Priority: 4



Bohemia Manor is a one story masonry constructed school which was built in 1958 and was renovated with an addition built in 1995. The roof decking is flat on the 1958 section and is tapered on the 1995 addition. The current roof is a two-ply modified bitumen which was installed in 1995. Funding is requested to replace the existing roof with approximately 147,392 square feet of new two-ply bitumen roof. The new roof system will include new tapered insulation for all areas that have a flat deck and will also include all new edge metal coping caps, expansion joints and scuppers, and downspouts.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr.	Five Year Capital Program					Balance to Complete
			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	25		25						
Land Acquisition	0								
Site Work	0								
Construction	2,610		1,293	1,317					
Equipment/Furnishings	0								
Other	0		0						
Total Cost	2,635	0	1,318	1,317	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	975		488	487					
State	1,660		830	830					
Federal	0								
Other	0								
Total Funds	2,635	0	1,318	1,317	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	3/29/2017
Expended	
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2018							
Agency/Department: Cecil County Public Schools		Project Number:			Map Location				
Project Title: Conowingo Elem. Boiler Replacement		Project Location: 471 Rowlandsville Road, Conowingo							
Project Description/Status:		Priority: 5							
<p>Conowingo Elementary School is heated by a central hot water heating plant. Heating hot water is generated by two Cleaver Brooks Model CB Series oil-fired fire-tubestyle hot water boilers. Currently the boilers are of unequal size, one at 40 boiler horsepower (1,339,160 Btu/hr) which was installed in 2006 and one at 25 boiler horsepower (836,975 Btu/hr) that was installed in 1992. Fuel oil is stored in a 10,000 gallon underground storage tank located adjacent to the boiler room. It is recommended that Cecil County Public School replace the older 25 bhp 1992 boiler with a new 40 bhp model that matches the 2006 boiler and can be utilized as a true standby, such that the school can operate the boilers in the lead-lag fashion. The new boiler shall be integrated into the existing school Johnson Controls DDC building energy management system. The majority of the school's 2-pipe, dual temperature central plant that was replaced in 2013 and is in good working order, including the circulation pumps and is not recommended to be replaced at this time.</p>									
EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr.	Five Year Capital Program					Balance to Complete
			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	15		15						
Land Acquisition	0								
Site Work	0								
Construction	282		282						
Equipment/Furnishings	0								
Other	0								
Total Cost	297	0	0	0	0	0	0	0	0
			297						
FUNDING SCHEDULE									
County Paygo	0								
County Bonds	110		110						
State	187		187						
Federal	0								
Other	0								
Total Funds	297	0	297	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	3/29/2017
Expended	
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2018							
Agency/Department: Cecil County Public Schools		Project Number:			Map Location				
Project Title: Providence Special School Roof Repl.		Project Location: 3035 Singerly Rd., Elkton							
Project Description/Status:		Priority: 6							
<p>Providence School is a single story school which has sections that were built in 1923, 1939, 1947, and 1954. Part of the school has a sloped roof with wood joist rafter construction with the remaining sections being a flat roofing deck on masonry construction. The shingles and existing two-ply modified bitumen roof were last replaced in 1993. Funding is requested to replace the entire existing roof to replace asphalt shingles with new asphalt shingles and to replace the existing flat two-ply roof with a new tapered two-ply modified bitumen roofing system.</p>									
EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr.	Five Year Capital Program					Balance to Complete
			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	15		15						
Land Acquisition	0								
Site Work	0								
Construction	329		329						
Equipment/Furnishings	0								
Other	0								
Total Cost	344	0	344	0	0	0	0	0	0
FUNDING SCHEDULE									
County Paygo	0								
County Bonds	126		126						
State	218		218						
Federal	0								
Other	0								
Total Funds	344	0	344	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	3/29/2017
Expended	
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2018							
Agency/Department: Cecil County Public Schools		Project Number:			Map Location				
Project Title: Rising Sun Elem. Boiler Replacement		Project Location: 500 Hopewell Road, Rising Sun							
Project Description/Status:		Priority: 7							
<p>Rising Sun Elementary School is heated by a central hot water heating plant. Heating hot water is generated by two York Shipley Model SPWV Series oil-fired fire-tube style hot water boilers. Currently, the boilers are of equal size, at 40 boiler horsepower (1,339,160 Btu/hr) each and were installed in 1991. Fuel oil is stored in a 10,000 gallon underground storage tank located adjacent to the boiler room. The boilers are 25 years old and are at or over their expected median life expectancy, the associated boiler circulation pumps, expansion tanks, chemical shot feeder and fuel oil pump set are also 25 years old and are past their useful life . It is recommended that Cecil County Public Schools replace the boilers in kind and replace the associated heating water pumps, expansion tank, chemical shot feeder and fuel oil pumps. The new boilers shall be integrated into the existing school Johnson Controls DDC building energy management system. The remaining components of the school's 4-pipe heating and cooling central plant that was replaced in 2013 and is in good working order and are not recommended to be replaced at this time.</p>									
EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr.	Five Year Capital Program					Balance to Complete
			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	20			20					
Land Acquisition	0								
Site Work	0								
Construction	477			477					
Equipment/Furnishings	0								
Other	0								
Total Cost	497	0	0	497	0	0	0	0	0
FUNDING SCHEDULE									
County Paygo	0								
County Bonds	184			184					
State	313			313					
Federal	0								
Other	0								
Total Funds	497	0	0	497	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	3/29/2017
Expended	
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 9



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	Five Year Capital Program					Balance to Complete	
			Budget Yr. FY 2018	FY 2019	FY 2020	FY 2021	FY 2022		FY 2023
Design/Engineering	1,800						1,800		
Land Acquisition	0								
Site Work	2,870							2,870	
Construction	35,236							10,785	
Equipment/Furnishings	2,500							2,500	
Other	4,711							1,450	
Total Cost	47,117	0	0	0	0	0	1,800	15,105	30,212

FUNDING SCHEDULE

County Paygo	0								
County Bonds	26,815						1,800	8,338	16,677
State	20,302							6,767	13,535
Federal	0								
Other	0								
Total Funds	47,117	0	0	0	0	0	1,800	15,105	30,212

OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 10



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.	Five Year Capital Program					Balance to Complete
			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	1,500								1,500
Land Acquisition	0								
Site Work	2,475								2,475
Construction	31,031								31,031
Equipment/Furnishings	2,250								2,250
Other	4,139								4,139
Total Cost	41,395	0	0	0	0	0	0	0	41,395

FUNDING SCHEDULE

County Paygo	0								
County Bonds	22,340								22,340
State	19,055								19,055
Federal	0								
Other	0								
Total Funds	41,395	0	0	0	0	0	0	0	41,395

OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2018	
Agency/Department: Cecil County Public Schools	Project Number:	Map Location	
Project Title: Cecil Manor Elementary HVAC	Project Location: 971 Elk Mills Road, Elkton		
Project Description/Status:	Priority: 11		
<p>HVAC Replacement - Replace chiller, roof top units, VAV's. Provide DDC controls.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	1,750	0	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	1,750	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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 12



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.	Five Year Capital Program					Balance to Complete
			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	1,000								1,000
Land Acquisition	0								
Site Work	1,390								1,390
Construction	18,601								18,601
Equipment/Furnishings	1,000								1,000
Other	1,150								1,150
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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form		A	Cecil County Capital Improvements Program 2018	
Agency/Department: CECIL COLLEGE		Project Number:		Map Location 
Project Title: CAMPUS ENTRANCE AND FACILITIES BUILDING		Project Location: North East, MD		
Project Description/Status:		Priority: 1		
<p>Construct a new 16,127 gsf / 12,095 nasf Facilities Management Building (FMB) and demolish the existing building, expand parking and construct a new multi-lane entrance and roadway to connect the northern section of campus to the academic core. The existing FMB, built in 1978, is undersized for current operations (less than 6000 GSF) and lacks the technology infrastructure necessary for today's facility operation needs. It is also in the middle of a prime parcel of land necessary for expansion of the campus and needs to be relocated to a more appropriate location. Utilizing the footprint from the existing FMB, the College will then be able to add approximately 200 parking spaces to the northern section of its campus. In addition, creating a new entrance/roadway at the northern end of the campus will enable the College to address the numerous life-safety problems surrounding access for emergency vehicles, provide safer access for tractor trailers and other delivery vehicles and resolve the traffic congestion of the current single lane entrance/exit.</p>				


EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	969					969			
Land Acquisition	0								
Site Work	0								
Construction	12,190					8,786	3,404		
Equipment/Furnishings	632						632		
Other	0								
Total Cost	13,791	0	0	0	0	9,755	4,036	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	5,517					5,517			
State	8,274					4,238	4,036		
Federal	0								
Other	0								
Total Funds	13,791	0	0	0	0	9,755	4,036	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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form		A	Cecil County Capital Improvements Program 2018	
Agency/Department: CECIL COLLEGE		Project Number:		Map Location 
Project Title: COLLEGE CENTER & CAMPUS DEV. - Phase 2		Project Location: North East Campus, North East MD		
Project Description/Status:		Priority:		
<p>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 (Community Cultural Building A, amongst others) 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.</p>				


EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	4,817						4,817		
Land Acquisition	0								
Site Work	0								
Construction	44,463							44,463	
Equipment/Furnishings	7,897								7,897
Other	0								
Total Cost	57,177	0	0	0	0	0	4,817	44,463	7,897

FUNDING SCHEDULE									
Funding Source	Total	Prior Funding	Budget Yr. FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Balance to Complete
County Paygo	0								
County Bonds	22,871						1,927	17,785	3,159
State	34,306						2,890	26,678	4,738
Federal	0								
Other	0								
Total Funds	57,177	0	0	0	0	0	4,817	44,463	7,897

OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form		A	Cecil County Capital Improvements Program 2018	
Agency/Department: CECIL COLLEGE		Project Number:		Map Location 
Project Title: RENOVATIONS OF BUILDING SPACE		Project Location: North East Campus, North East MD		
Project Description/Status:		Priority:		
<p>Subsequent to the construction of the College Center, it will be necessary to renovate and repurpose vacated space on the North East Campus, which will include portions of the Technology Center, Arts and Sciences Building, Community Cultural Building A and Library, and the Milburn Stone Theatre. Vacated space will be renovated to accommodate additional instructional spaces, computer labs, study areas, and several large classrooms, as well as HVAC replacements,</p>				


EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	3,120								3,120
Land Acquisition	0								
Site Work	0								
Construction	19,594								19,594
Equipment/Furnishings	7,176								7,176
Other	0								
Total Cost	29,890	0	0	0	0	0	0	0	29,890

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	11,956								11,956
State	17,934								17,934
Federal	0								
Other	0								
Total Funds	29,890	0	0	0	0	0	0	0	29,890

OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form		A	Cecil County Capital Improvements Program 2018	
Agency/Department: CECIL COLLEGE		Project Number: 70029		Map Location 
Project Title: INSTRUCTIONAL TECHNOLOGY		Project Location: NE and Elkton Campuses		
Project Description/Status:		Priority: 2		
<p>The FY 2018 Request includes funding for improvements to be made to the College's Data Center, which include the addition of fire suppression, biometric security, HVAC and wiring upgrades, addition of servers, spacers, and virtualization hardware for Disaster Recovery. The request also includes funds for upgrades to SANS, or System Administration, Networking and Security protocols. Annual escalation is assumed at 4%. At the request of the County, funds for computer and related equipment replacement have been reclassified and are now requested in the operating fund budget, \$357,514 for FY 2018.</p>				

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	2,937	1,081	280	291	303	315	327	340	
Other	0								
Total Cost	2,937	1,081	280	291	303	315	327	340	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	2,937	1,081	280	291	303	315	327	340	
State	0								
Federal	0								
Other	0								
Total Funds	2,937	1,081	280	291	303	315	327	340	0

OPERATING BUDGET IMPACT:			Financial Activity as of	3/29/2017
Estimated Annual Debt Service Cost:	0		Expended	814
Annual Operating/Maintenance Cost:	0		Encumbered	0
New Positions (FTE's):	0.0		Total	814

Project Form A Cecil County Capital Improvements Program 2018

Agency/Department:
CECIL COLLEGE

Project Number:
70032

Map Location

Project Title:
MECHANICAL/BUILDING INFRASTRUCTURE

Project Location:
North East and Elkton Campuses

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 2018 CIP Request includes the following components: initial planning for a remediation to a NE Campus retention pond, NE Campus Parking Lot #1 renovations, and fixes to the Soccer field at NE (grade, resurface, and drainage), Elkton Station interior painting, building envelope maintenance and exterior building improvements. It also allows for the continuation of an LED lighting which would complete the parking lots and campus walkways at NE (identified as critical by the recent facilities condition assessment). The projected need for future years (2019-2022) is based on deferred maintenance projects, scheduled replacements and other energy savings initiatives and have been updated in the ten-year Campus Master Plan.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	50		20	30					
Land Acquisition	0								
Site Work	0								
Construction	5,767	936	692	928	1,550	820	841		
Equipment/Furnishings	0								
Other	0								
Total Cost	5,817	936	712	958	1,550	820	841	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	5,217	936	712	958	950	820	841		
State	0								
Federal Grant Opportunity	600				600				
Other	0								
Total Funds	5,817	936	712	958	1,550	820	841	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 3/29/2017
 Expended 867,500
 Encumbered 0
Total 867,500

Project Form **Cecil County Capital Improvements Program 2018**

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 7 years. A 3.5 prime acre site in the middle of this community was purchased in June 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. An additional 15,000 sq.ft. will allow CCPL to relocate its headquarters operation space from the Elkton Library, 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 significantly expand in-demand public space. 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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	1,345	9,057	8,250	0	0	0	0

FUNDING SCHEDULE

County Paygo	750	750							
County Bonds	15,251		284	8,057	6,910				
State	3,424	563	861	1,000	1,000				
Federal	0								
Other - VLT	540		200		340				
Total Funds	19,965	1,313	1,345	9,057	8,250	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 3/29/2017
 Expended 1,129,748
 Encumbered 0
Total 1,129,748

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
Cecil County Public Library

Project Number:

Project Title:
Elkton Conversion of staff and public space

Project Location:
301 Newark Ave Elkton

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



The project will convert approximately half of the 4,000 square feet of administrative headquarters operation space to public use space in the Elkton Library. The Elkton Library currently lacks study rooms, workspace and study tables with electrical access, and sufficient space for children's service, all of which are in high demand at CCPL's busiest branch with over 800 visitors daily. The planned expansion of the parking lot by 100 spaces in FY19 is expected to significantly increase usage of the branch and demand for more public space. The conversion allows for the addition of state-of-the-art study rooms, additional public meeting and workspace, greater electrical and data access, and significant expansion within the children's room. To maximize the amount of floor space in the children's room for more early literacy activities, the room's layout will be reconfigured to remove staff workstations from the public area and replace the oversized children's reference desk with a smaller, more functional service area. CCPL will apply for State matching grant funds and funding for equipment and furnishings for the study and creative spaces will be sought from CCPL support groups.

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	40					40			
Land Acquisition	0								
Site Work	0								
Construction	650					650			
Equipment/Furnishings	50					50			
Other	25					25			
Total Cost	765		0	0	0	765	0	0	0

FUNDING SCHEDULE

County Paygo	307					307			
County Bonds	0								
State	420					420			
Federal	0								
Other	38					38			
Total Funds	765		0	0	0	765	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 3/29/2017

Expended 0

Encumbered 0

Total 0

Project Form									
Cecil County Capital Improvements Program 2018									
Agency/Department: DES			Project Number: 50050			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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	2,300	2,300							
Total Cost	2,300	2,300	0	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	2,300	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	3/29/2017
Expended	116,713
Encumbered	144,057
Total	<u>260,770</u>

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DES	Project Number: 50050	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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	5,265		5,265						
Total Cost	5,265	0	5,265	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	5,265		5,265						
State	0								
Federal	0								
Other	0								
Total Funds	5,265	0	5,265	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	3/29/2017
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 2018**

Agency/Department: DES	Project Number: 50050	Map Location
Project Title: P25 Dispatch migration - Phase III	Project Location: Elkton, Md	
Project Description/Status: 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.		
Priority: 3		

This expenditure begins the process

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3,400	0	0	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	3,400	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	3/29/2017
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 2018**

Agency/Department:
DES

Project Number:

Map Location

Project Title:
Relocation of Paramedic Station 4

Project Location:
Cecil College Station



Project Description/Status: **Priority: 4**

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.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	100	1,300	0	0

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	100	1,300	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 3/29/2017
 Expended 0
 Encumbered 0
Total 0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DES

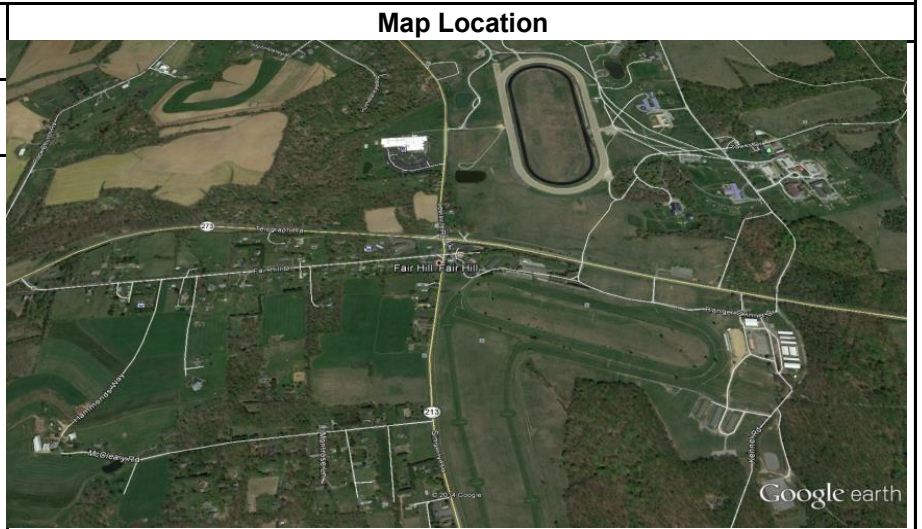
Project Number:

Project Title:
NEW 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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	200	0	1,110

FUNDING SCHEDULE

County Paygo	275								275
County Bonds	1,035						200		835
State	0								
Federal	0								
Other	0								
Total Funds	1,310	0	0	0	0	0	200	0	1,110

OPERATING BUDGET IMPACT:

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

Financial Activity as of 3/29/2017
 Expended 0
 Encumbered 0
 Total 0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
Cecil County Sheriff

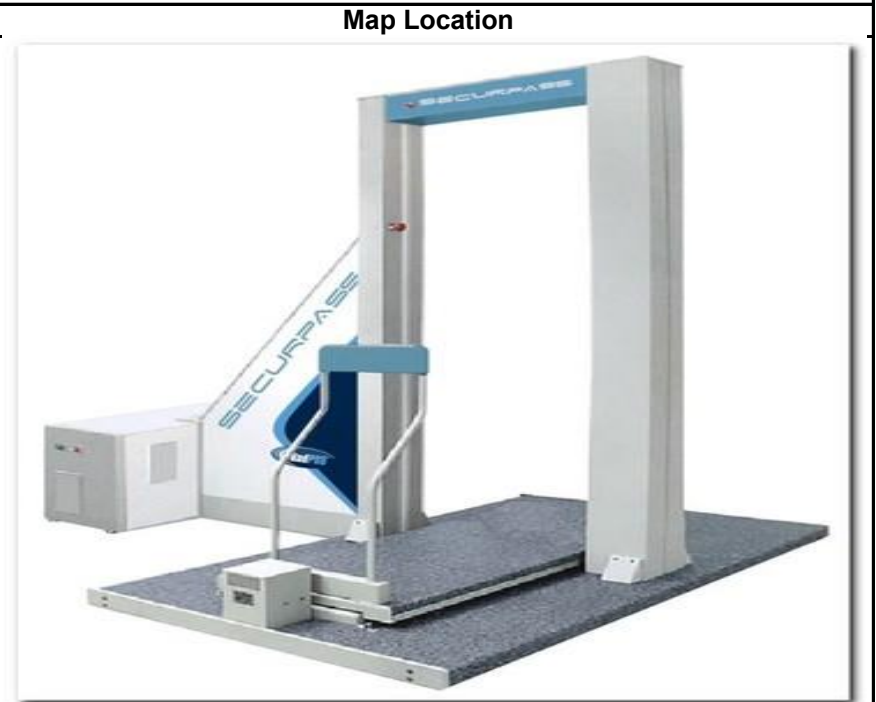
Project Number:

Project Title:
Body Cavity Scanner

Project Location:
500 Landing Lane, Elkton, MD

Project Description/Status: **Priority:**

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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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 3/29/2017
 Expended 0
 Encumbered 0
 Total 0

Project Form			Cecil County Capital Improvements Program 2018		
Agency/Department: DPW-Roads/Bridges	Project Number:	Map Location			
Project Title: Summary of Projects	Project Location:				
Project Description/Status:	Priority:				
Summary of Projects for Roads & Bridges 2018 - 2022					

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	14,025,575	5,215,575	80,000	0	510,000	550,000	1,425,000	600,000	5,645,000
Land Acquisition	9,635,964	4,885,964	0	0	125,000	100,000	900,000	800,000	2,825,000
Site Work	9,447,700	4,247,700	0	0	2,025,000	100,000	200,000	500,000	2,375,000
Construction	100,018,661	20,393,661	2,675,000	9,200,000	400,000	1,050,000	2,100,000	1,600,000	62,600,000
Equipment/Furnishings	20,000	20,000	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
Total Cost	133,147,900	34,762,900	2,755,000	9,200,000	3,060,000	1,800,000	4,625,000	3,500,000	73,445,000

FUNDING SCHEDULE									
County Paygo	4,610,534	4,610,534	0	0	0	0	0	0	0
County Bonds	113,763,551	25,678,551	2,755,000	2,140,000	3,060,000	1,800,000	4,625,000	3,500,000	70,205,000
State	0	0	0	0	0	0	0	0	0
Federal	13,603,815	3,303,815	0	7,060,000	0	0	0	0	3,240,000
Other	1,170,000	1,170,000	0	0	0	0	0	0	0
Total Funds	133,147,900	34,762,900	2,755,000	9,200,000	3,060,000	1,800,000	4,625,000	3,500,000	73,445,000

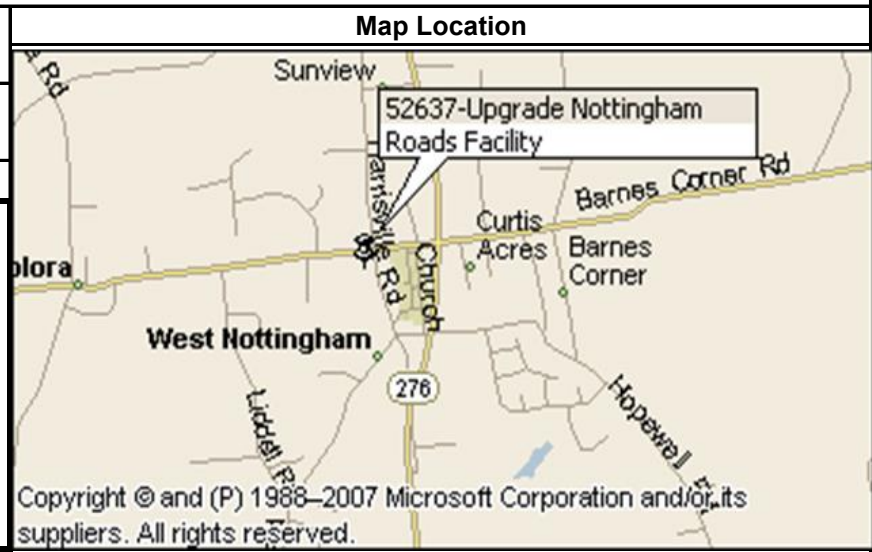
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	20,291,547
Encumbered	2,306,780
Total	22,598,327

Project Form **Cecil County Capital Improvements Program 2018**

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



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. Project has been advertised for Construction.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

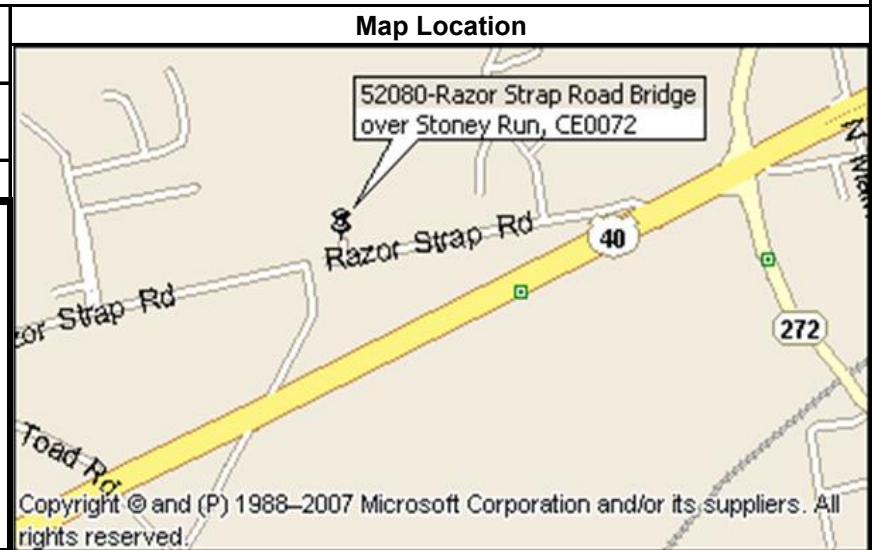
OPERATING BUDGET IMPACT:

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

Financial Activity as of	11/21/2016
Expended	160,189
Encumbered	724,059
Total	884,248

Project Form **Cecil County Capital Improvements Program 2018**

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: 1



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	252,000	252,000							
Land Acquisition	140,000	140,000							
Site Work	280,000	280,000							
Construction	2,153,160	2,153,160							
Equipment/Furnishings	0								
Other	0								
Total Cost	2,825,160	2,825,160	0	0	0	0	0	0	0

FUNDING SCHEDULE

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

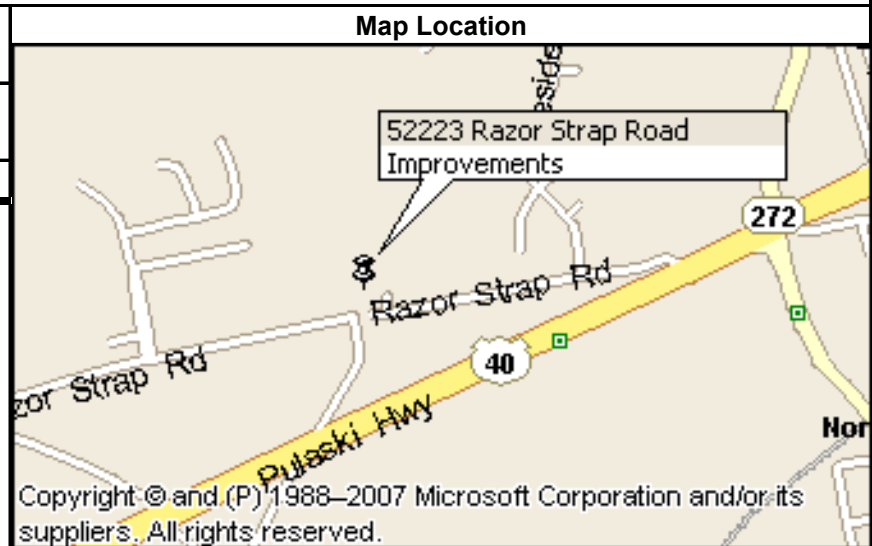
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	442,015
Encumbered	156,993
Total	599,008

Project Form **Cecil County Capital Improvements Program 2018**

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: 2



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	370,000	370,000							
Land Acquisition	930,000	930,000							
Site Work	200,000	200,000							
Construction	1,801,867	1,801,867							
Equipment/Furnishings	0								
Other	0								
Total Cost	3,301,867	3,301,867	0	0	0	0	0	0	0

FUNDING SCHEDULE

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

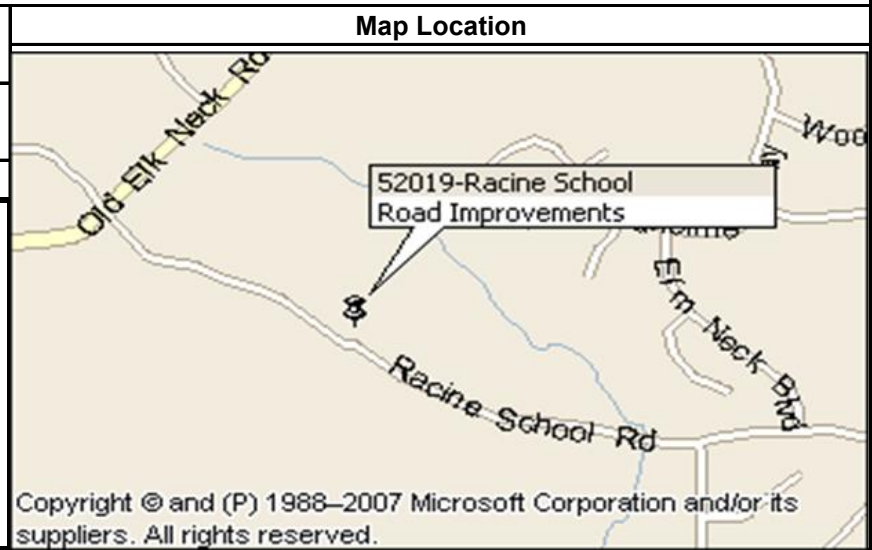
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	1,345,938
Encumbered	90,783
Total	1,436,721

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52019
Project Title: Racine School Road Improvements	Project Location: Elkton, MD
Project Description/Status:	Priority: 3



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3,101,971	0	0	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	3,101,971	0	0	0	0	0	0	0

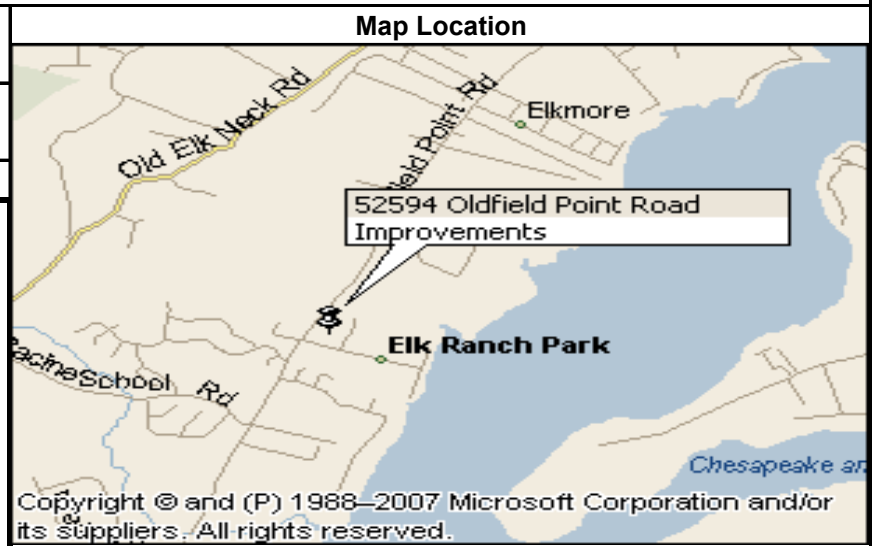
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	497,617
Encumbered	23,009
Total	520,626

Project Form **Cecil County Capital Improvements Program 2018**

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: 4



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	562,163	562,163							
Land Acquisition	2,127,242	2,127,242							
Site Work	4,000,000	2,000,000			2,000,000				
Construction	14,000,000								14,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	20,689,405	4,689,405	0	0	2,000,000	0	0	0	14,000,000

FUNDING SCHEDULE

County Paygo	1,573,855	1,573,855							
County Bonds	19,115,550	3,115,550			2,000,000		0		14,000,000
State	0								
Federal	0								
Other	0								
Total Funds	20,689,405	4,689,405	0	0	2,000,000	0	0	0	14,000,000

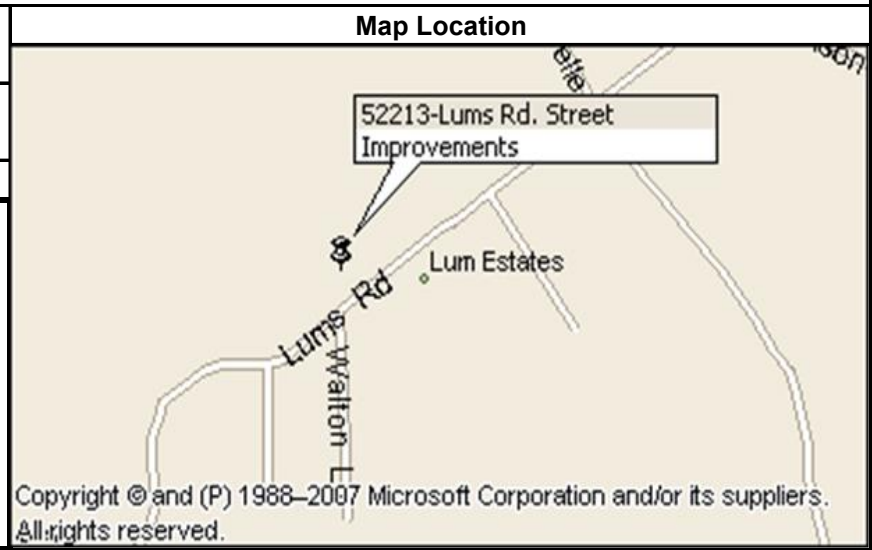
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	1,991,326
Encumbered	373,646
Total	2,364,972

Project Form **Cecil County Capital Improvements Program 2018**

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: 5



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	450,000	450,000							
Land Acquisition	100,000	100,000							
Site Work	250,000	250,000							
Construction	3,000,000	675,000	325,000	2,000,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	3,800,000	1,475,000	325,000	2,000,000	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	3,800,000	1,475,000	325,000	2,000,000					
State	0								
Federal	0								
Other	0								
Total Funds	3,800,000	1,475,000	325,000	2,000,000	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	3/29/2017
Expended	224,056
Encumbered	219,617
Total	443,673

Project Form **Cecil County Capital Improvements Program 2018**

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: 6

Map Location

This map shows the project location in Cecil County, MD. A callout box points to a specific location on Bohemia Church Rd, labeled '52692 Bohemia Church Rd. Culverts (3)'. The map also shows the intersection with Blakistown Rd. A copyright notice at the bottom reads: 'Copyright © and (P) 1988–2007 Microsoft Corporation and/or its suppliers. All rights reserved.'

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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	160,000	160,000							
Land Acquisition	55,000	55,000							
Site Work	60,000	60,000							
Construction	1,350,000		1,350,000						
Equipment/Furnishings	0								
Other	0								
Total Cost	1,625,000	275,000	1,350,000	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,625,000	275,000	1,350,000						
State	0								
Federal	0								
Other	0								
Total Funds	1,625,000	275,000	1,350,000	0	0	0	0	0	0

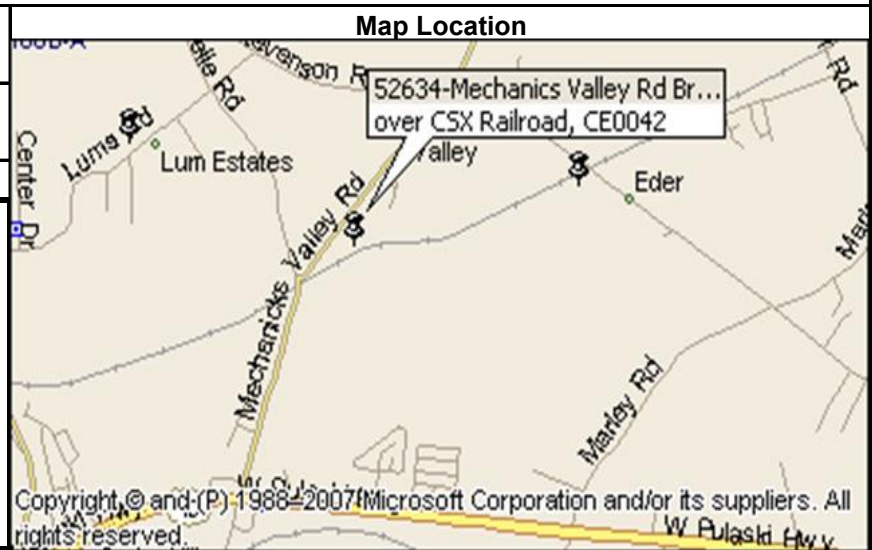
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	88,277
Total	88,277

Project Form **Cecil County Capital Improvements Program 2018**

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: 7



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. 5/15 ADT was 4898 vehicles per day. 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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	424,842	424,842							
Land Acquisition	150,000	150,000							
Site Work	250,000	250,000							
Construction	7,500,000		1,000,000	6,500,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	8,324,842	824,842	1,000,000	6,500,000	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	83,000	83,000							
County Bonds	1,261,842	261,842	1,000,000						
State	0								
Federal	6,980,000	480,000		6,500,000					
Other	0								
Total Funds	8,324,842	824,842	1,000,000	6,500,000	0	0	0	0	0

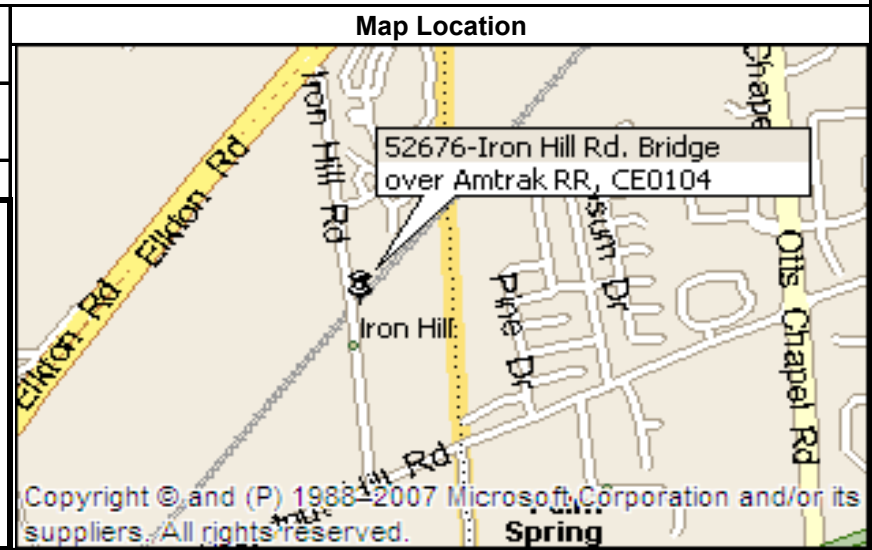
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	110,062
Encumbered	1,758
Total	111,820

Project Form **Cecil County Capital Improvements Program 2018**

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: 8



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	40,000								40,000
Land Acquisition	0								
Site Work	0								
Construction	350,000								350,000
Equipment/Furnishings	0								
Other	0								
Total Cost	390,000	0	0	0	0	0	0	0	390,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	110,000								110,000
State	0								
Federal	280,000								280,000
Other	0								
Total Funds	390,000	0	0	0	0	0	0	0	390,000

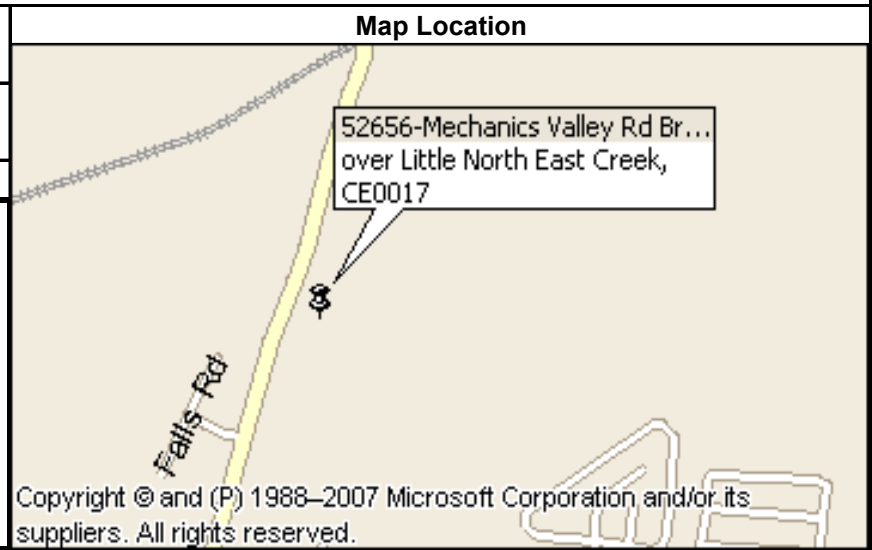
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 55



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	1,660,000	0	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	1,660,000	0	0	0	0	0	0	0

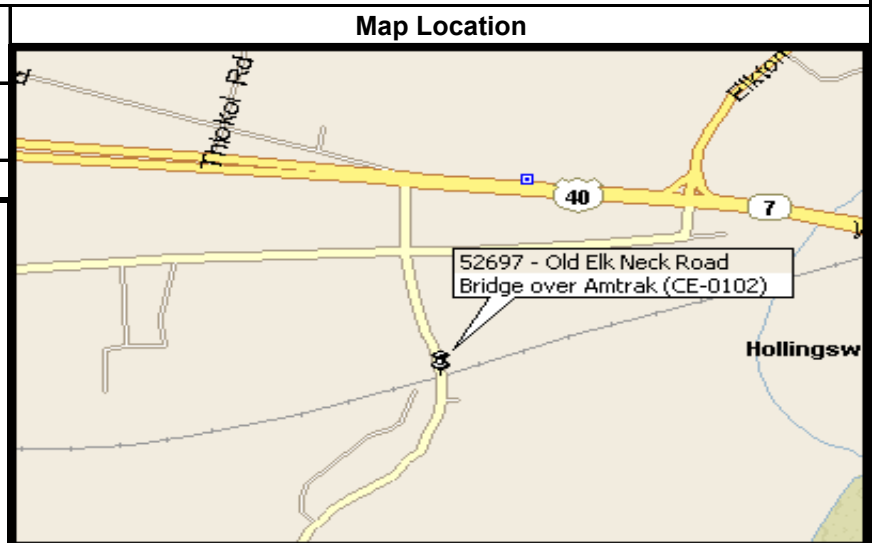
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	1,648,818
Encumbered	0
Total	1,648,818

Project Form **Cecil County Capital Improvements Program 2018**

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: 10



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 2017	Five Year Capital Program					Balance to Complete
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Design/Engineering	40,000								40,000
Land Acquisition	0								
Site Work	0								
Construction	350,000								350,000
Equipment/Furnishings	0								
Other	0								
Total Cost	390,000	0	0	0	0	0	0	0	390,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	110,000								110,000
State	0								
Federal	280,000								280,000
Other	0								
Total Funds	390,000	0	0	0	0	0	0	0	390,000

OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52701	Map Location
Project Title: Painting of County Bridges	Project Location: Various Locations in the County	
Project Description/Status:		
Priority: 11		
<p>This project is the environmental documental and permitting for cleaning and painting of County Bridges: CE0018 - Severson Road over Little Northeast Creek, CE0024 - Providence Road over Little Elk Creek, CE0063 - Black Snack Road over Little Elk Creek</p>		

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	80,000		80,000						
Land Acquisition	0								
Site Work	0								
Construction	700,000			700,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	780,000	0	80,000	700,000	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	220,000		80,000	140,000					
State	0								
Federal	560,000			560,000					
Other	0								
Total Funds	780,000	0	80,000	700,000	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	3/29/2017
Expended	0
Encumbered	0
Total	<u><u>0</u></u>

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52700
Project Title: Belle Hill Road and Appleton Road Intersection Improvements	Project Location: Elkton, MD
Project Description/Status:	Priority: 12



This project consists of improving the horizontal alignment of Belle Hill Road as it intersects Appleton Road.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	150,000				150,000				
Land Acquisition	50,000					50,000			
Site Work	50,000					50,000			
Construction	700,000						700,000		
Equipment/Furnishings	0								
Other	0								
Total Cost	950,000	0	0	0	150,000	100,000	700,000	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	950,000				150,000	100,000	700,000		
State	0								
Federal	0								
Other	0								
Total Funds	950,000	0	0	0	150,000	100,000	700,000	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	3/29/2017
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 2018**

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: 13

Map Location

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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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	150,000				150,000				
Land Acquisition	50,000					50,000			
Site Work	50,000					50,000			
Construction	700,000						700,000		
Equipment/Furnishings	0								
Other	0								
Total Cost	950,000	0	0	0	150,000	100,000	700,000	0	0

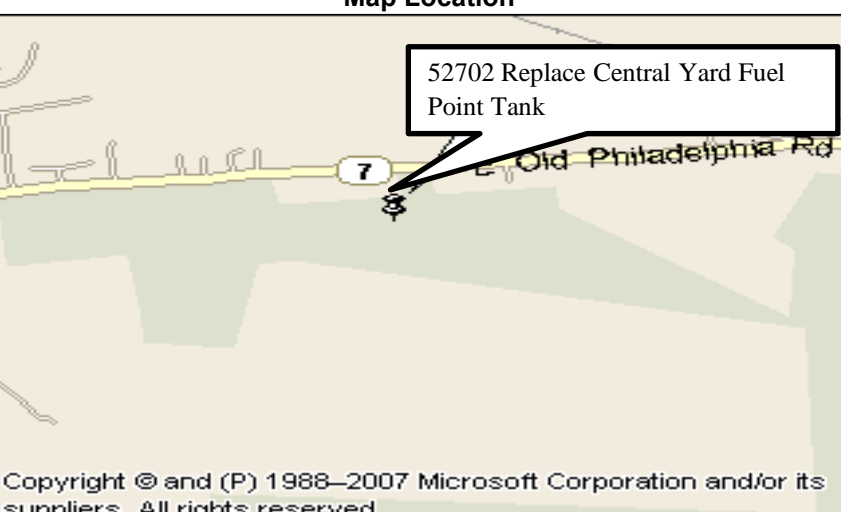
FUNDING SCHEDULE

County Paygo	0								
County Bonds	950,000				150,000	100,000	700,000		
State	0								
Federal	0								
Other	0								
Total Funds	950,000	0	0	0	150,000	100,000	700,000	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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2018	
Agency/Department: DPW-Roads/Bridges		Project Number: 52702	
Project Title: Replace Central Yard Fuel Point Tank		Project Location: Elkton, MD	
Project Description/Status:		Priority: 14	
<p>It is proposed to replace the existing the Central Yards existing fuel pumps and supporting infrastructure.</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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	40,000				40,000				
Land Acquisition	0								
Site Work	0								
Construction	550,000					550,000			
Equipment/Furnishings	0								
Other	0								
Total Cost	590,000	0	0	0	40,000	550,000	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	590,000				40,000	550,000			
State	0								
Federal	0								
Other	0								
Total Funds	590,000	0	0	0	40,000	550,000	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	3/29/2017
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 2018**

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

Map Location

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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

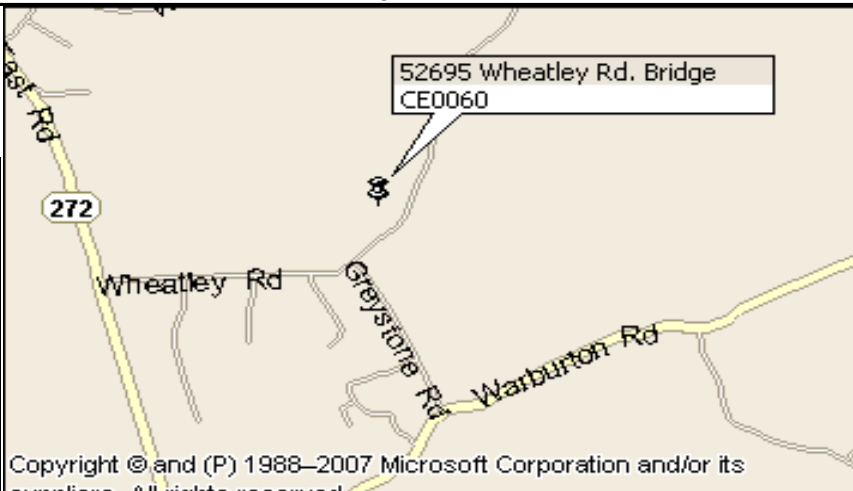
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	50,000					50,000			
Land Acquisition	225,000	125,000			100,000				
Site Work	0								
Construction	700,000						700,000		
Equipment/Furnishings	0								
Other	0								
Total Cost	975,000	125,000	0	0	100,000	50,000	700,000	0	0

FUNDING SCHEDULE

County Paygo	125,000	125,000							
County Bonds	850,000				100,000	50,000	700,000		
State	0								
Federal	0								
Other	0								
Total Funds	975,000	125,000	0	0	100,000	50,000	700,000	0	0

OPERATING BUDGET IMPACT:			Financial Activity as of	3/29/2017
Estimated Annual Debt Service Cost:	0		Expended	27,230
Annual Operating/Maintenance Cost:	0		Encumbered	442
New Positions (FTE's):	0.0		Total	27,672

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52695	Map Location 
Project Title: Replacement of Bridge CE0060 Wheatley Rd. over West Branch	Project Location: Wheatley Rd., North East MD	
Project Description/Status: Priority: 16		
<p>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.</p>		

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	250,000					250,000			
Land Acquisition	50,000						50,000		
Site Work	100,000						100,000		
Construction	800,000							800,000	
Equipment/Furnishings	0								
Other	0								
Total Cost	1,200,000	0	0	0	0	250,000	150,000	800,000	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,200,000					250,000	150,000	800,000	
State	0								
Federal	0								
Other	0								
Total Funds	1,200,000	0	0	0	0	250,000	150,000	800,000	0

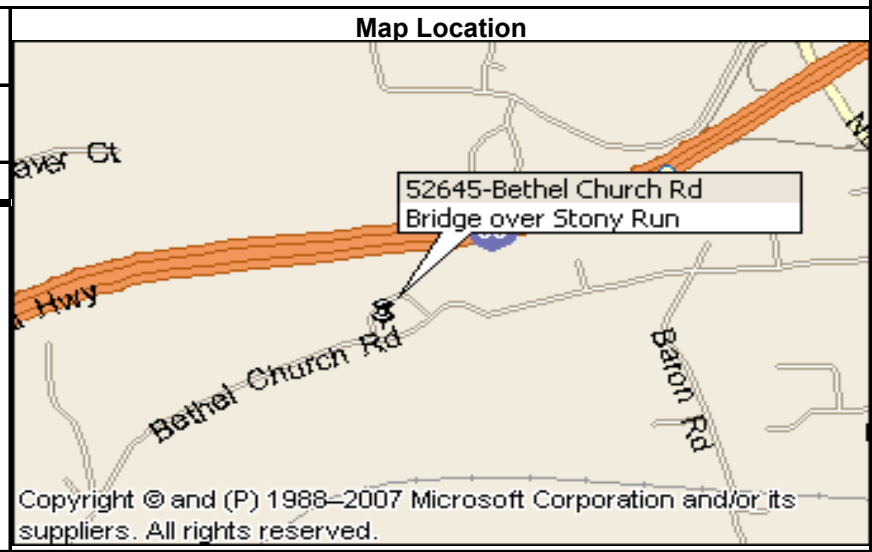
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	<u><u>0</u></u>

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52645
Project Title: Rehabilitation of Bridge CE0096 Bethel Church Road over Stony Run	Project Location: North East, MD
Project Description/Status:	Priority: 17



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	450,000	0	0	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	450,000	0	0	0	0

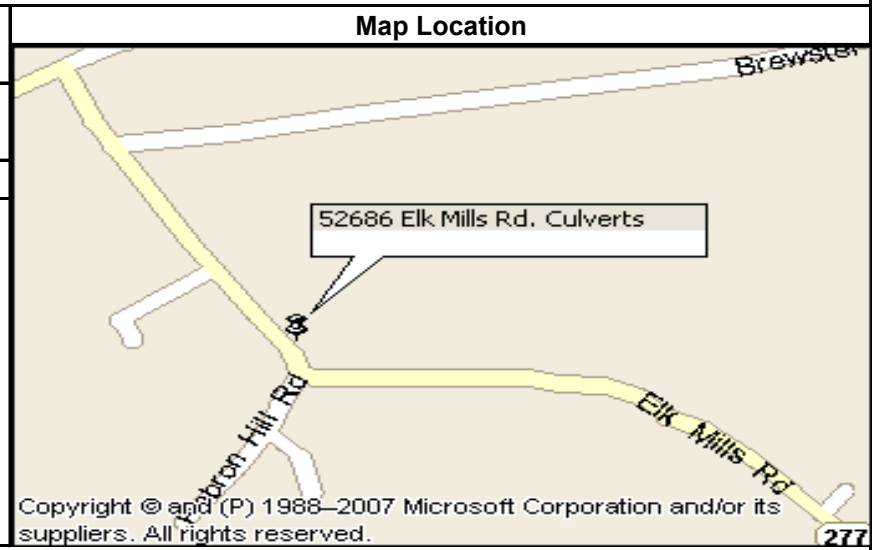
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	136,920
Encumbered	0
Total	136,920

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52686
Project Title: Replace Elk Mills Road Culverts	Project Location: Elk Mills, MD
Project Description/Status:	Priority: 18



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	120,000				120,000				
Land Acquisition	25,000				25,000				
Site Work	25,000				25,000				
Construction	500,000					500,000			
Equipment/Furnishings	0								
Other	0								
Total Cost	670,000	0	0	0	170,000	500,000	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	670,000				170,000	500,000			
State	0								
Federal	0								
Other	0								
Total Funds	670,000	0	0	0	170,000	500,000	0	0	0

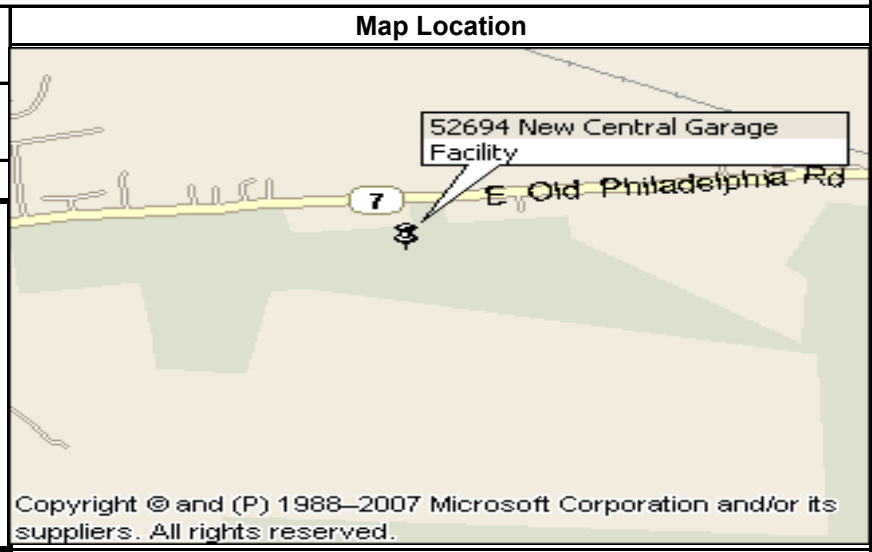
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52694
Project Title: New Central Garage Facility	Project Location: Central Landfill, Elkton, MD
Project Description/Status:	Priority: 19



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

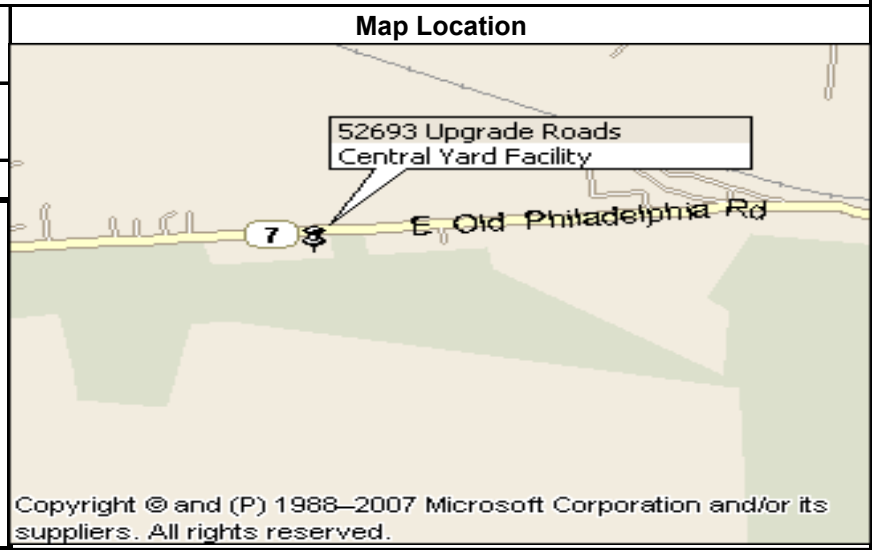
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 20



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

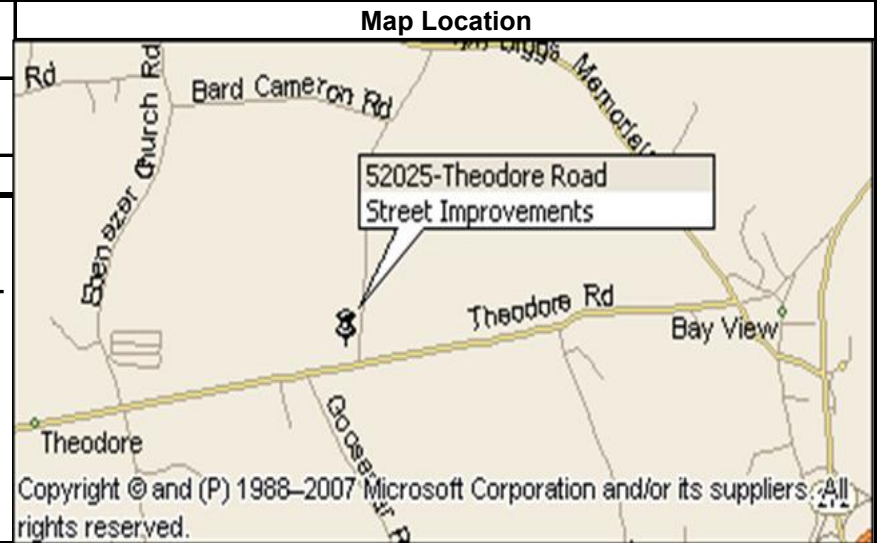
FUNDING SCHEDULE

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	3/29/2017
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 2018**

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: 21



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0								
Land Acquisition	1,000,000						700,000	300,000	
Site Work	500,000								500,000
Construction	7,000,000								7,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	8,500,000	0	0	0	0	0	700,000	300,000	7,500,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	8,500,000						700,000	300,000	7,500,000
State	0								
Federal	0								
Other	0								
Total Funds	8,500,000	0	0	0	0	0	700,000	300,000	7,500,000

OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 22

Map Location

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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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	275,000						275,000		
Land Acquisition	100,000							100,000	
Site Work	100,000							100,000	
Construction	800,000								800,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,275,000	0	0	0	0	0	275,000	200,000	800,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,275,000						275,000	200,000	800,000
State	0								
Federal	0								
Other	0								
Total Funds	1,275,000	0	0	0	0	0	275,000	200,000	800,000

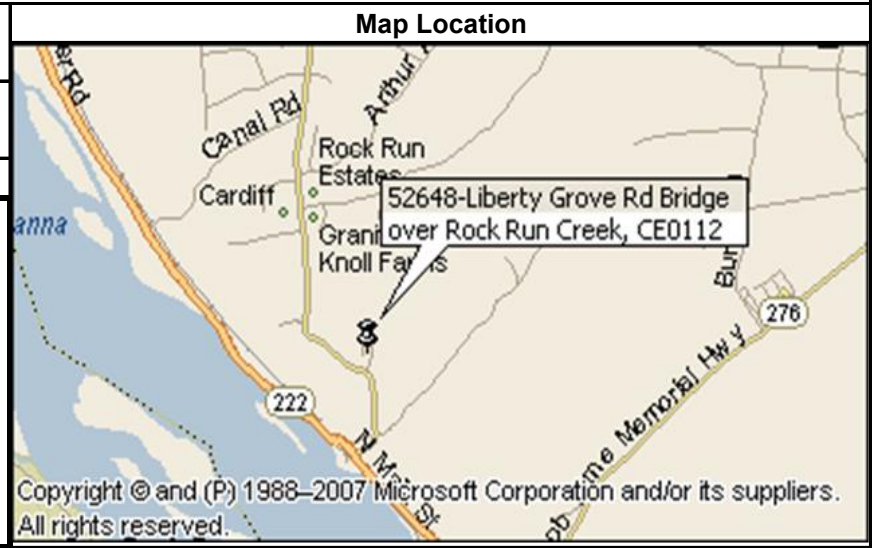
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 23



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	250,000	200,000	800,000	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,250,000					250,000	200,000	800,000	
State	0								
Federal	0								
Other	0								
Total Funds	1,250,000	0	0	0	0	250,000	200,000	800,000	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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 24

Map Location

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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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	700,000						700,000		
Land Acquisition	100,000							100,000	
Site Work	200,000							200,000	
Construction	3,000,000								3,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	4,000,000	0	0	0	0	0	700,000	300,000	3,000,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,600,000						700,000	300,000	600,000
State	0								
Federal	2,400,000								2,400,000
Other	0								
Total Funds	4,000,000	0	0	0	0	0	700,000	300,000	3,000,000

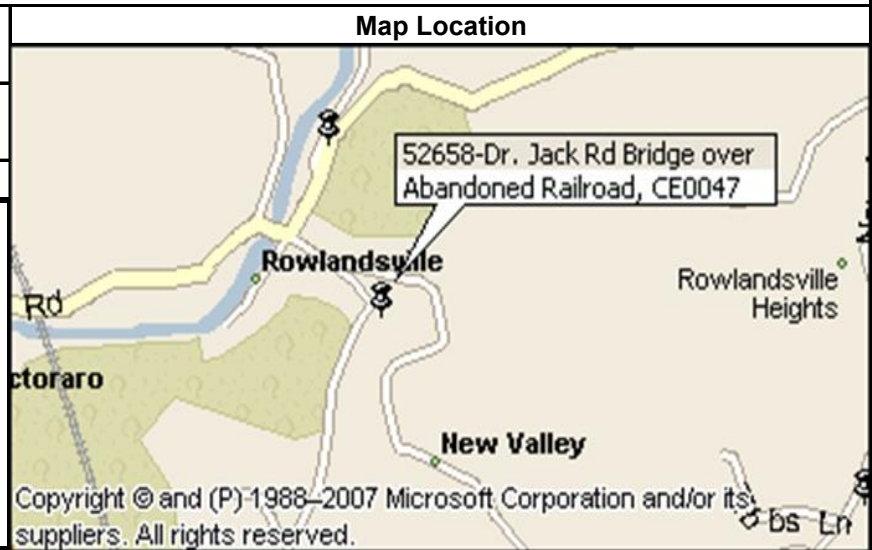
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 25



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	300,000						300,000		
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	2,500,000	0	0	0	0	0	300,000	200,000	2,000,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,500,000						300,000	200,000	2,000,000
State	0								
Federal	0								
Other	0								
Total Funds	2,500,000	0	0	0	0	0	300,000	200,000	2,000,000

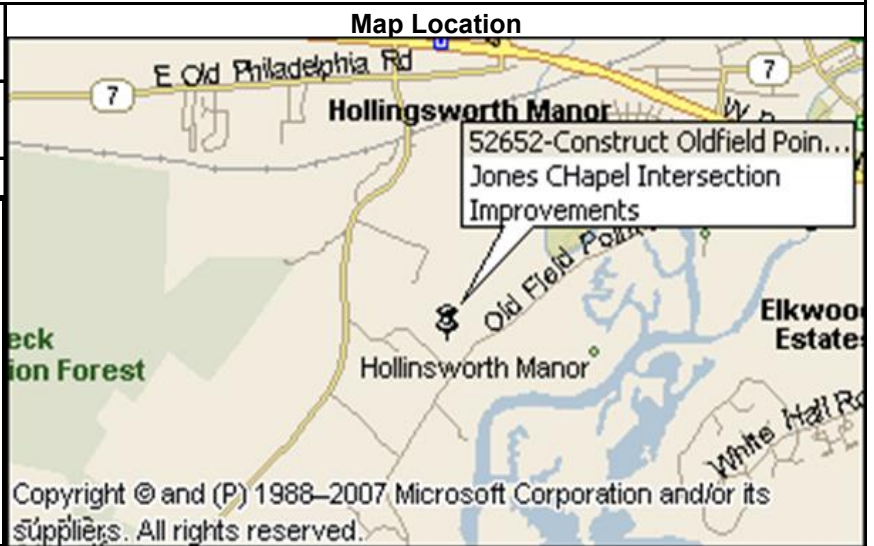
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 26



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	0	200,000	775,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	975,000							200,000	775,000
State	0								
Federal	0								
Other	0								
Total Funds	975,000	0	0	0	0	0	0	200,000	775,000

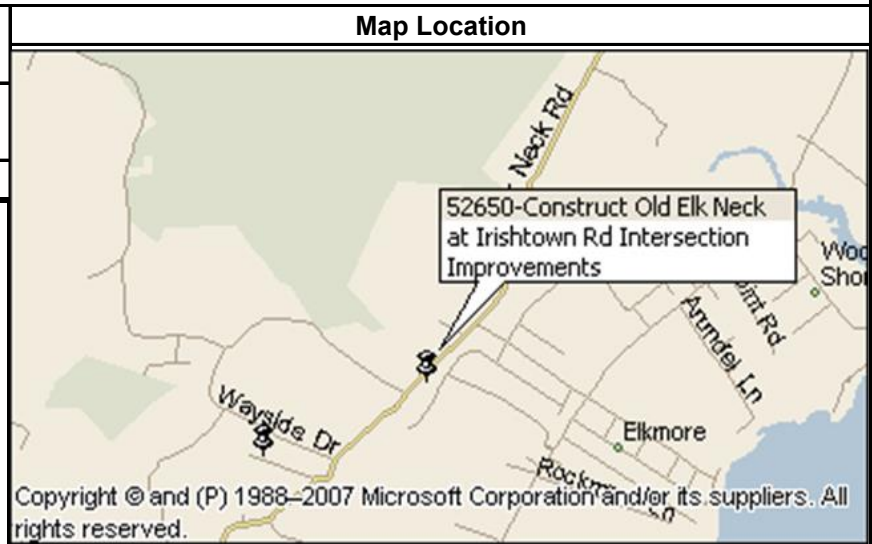
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 27



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	0	200,000	750,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	950,000							200,000	750,000
State	0								
Federal	0								
Other	0								
Total Funds	950,000	0	0	0	0	0	0	200,000	750,000

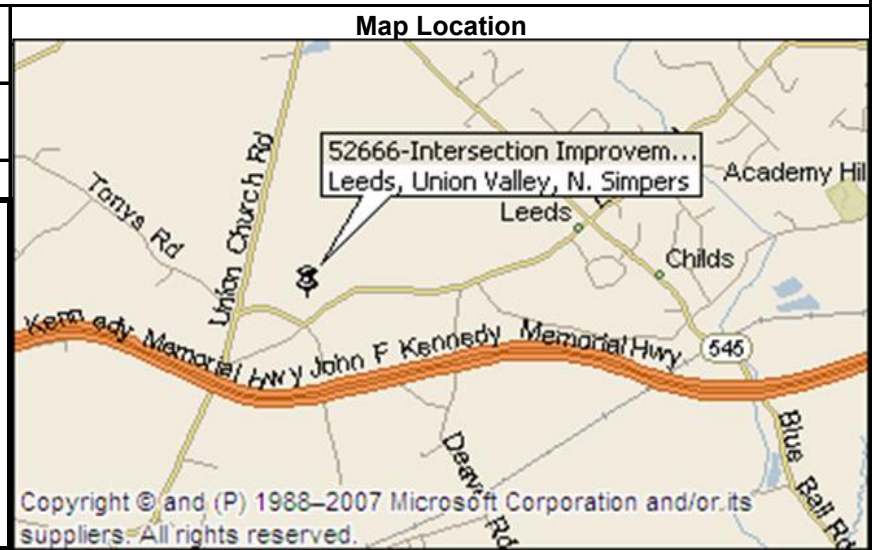
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52666
Project Title: Intersection Improvements at Leeds, Union Valley & N. Simperts Roads	Project Location: Elkton, MD
Project Description/Status:	Priority: 28



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

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	0	200,000	750,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	950,000							200,000	750,000
State	0								
Federal	0								
Other	0								
Total Funds	950,000	0	0	0	0	0	0	200,000	750,000

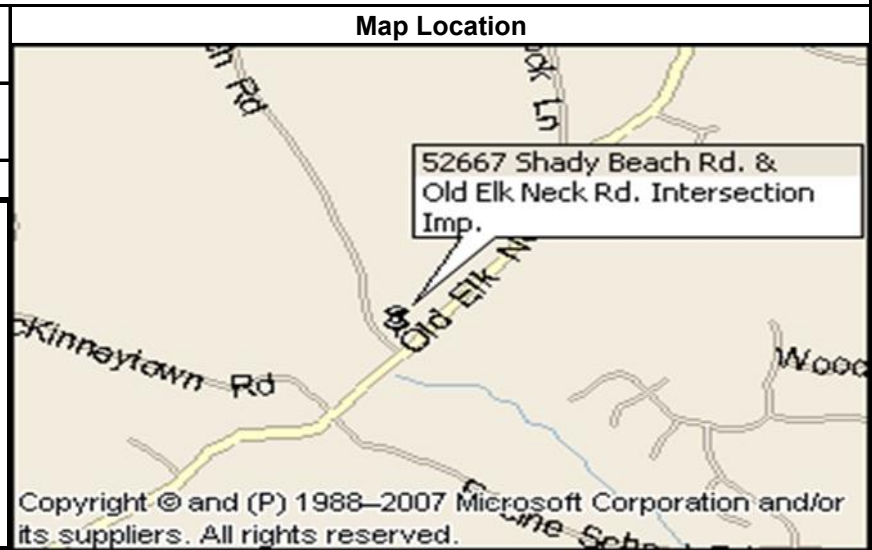
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 29



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	0	200,000	750,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	950,000							200,000	750,000
State	0								
Federal	0								
Other	0								
Total Funds	950,000	0	0	0	0	0	0	200,000	750,000

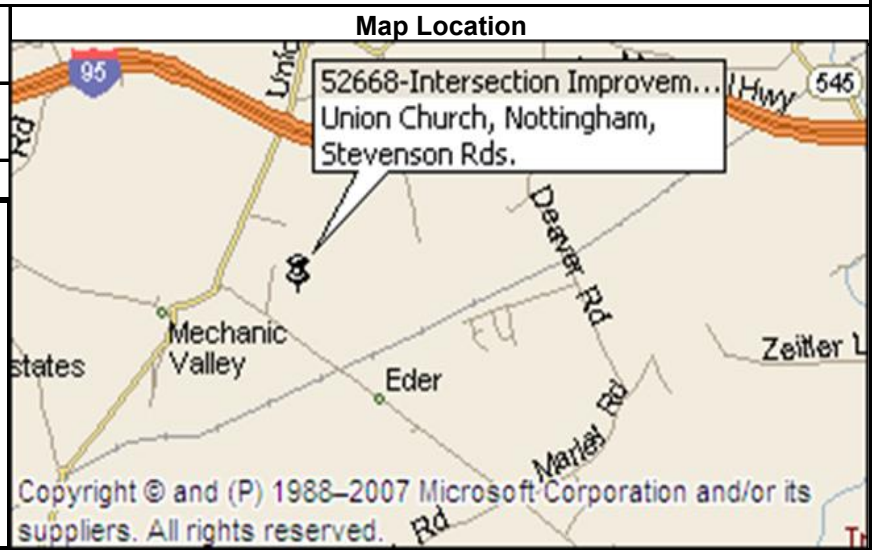
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52668
Project Title: Intersection Improvements at Union Church, Nottingham & Stevenson Rds	Project Location:
Project Description/Status:	Priority: 30



This project will consist of geometric improvements and drainage improvements.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

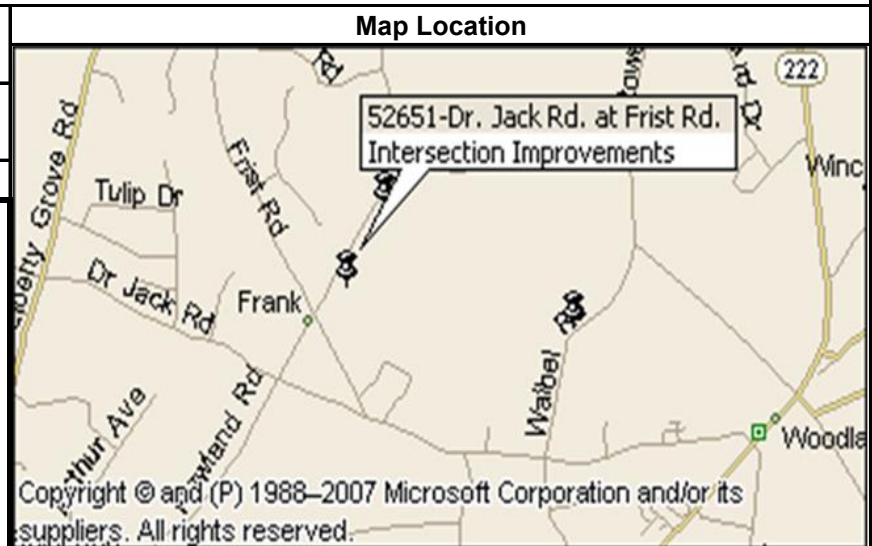
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52651
Project Title: Dr. Jack Road at Frist Road Intersection Improvements	Project Location:
Project Description/Status:	Priority: 31



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	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

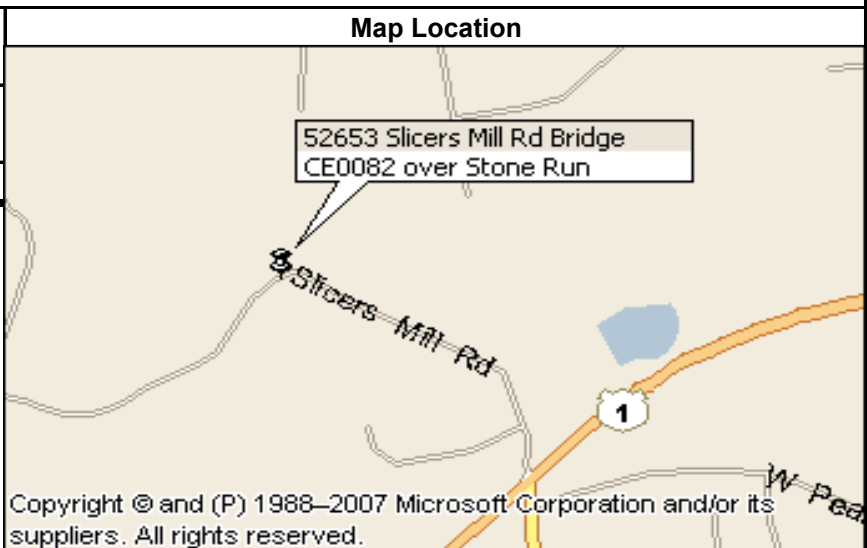
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 32



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	275,000								275,000
Land Acquisition	100,000								100,000
Site Work	50,000								50,000
Construction	800,000								800,000
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

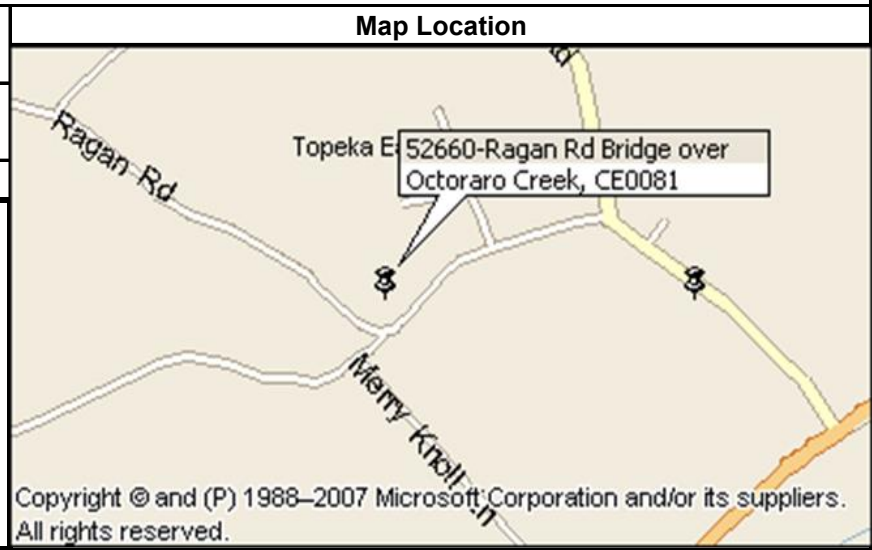
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 33



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	275,000								275,000
Land Acquisition	100,000								100,000
Site Work	50,000								50,000
Construction	800,000								800,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,225,000	0	0	0	0	0	0	0	1,225,000

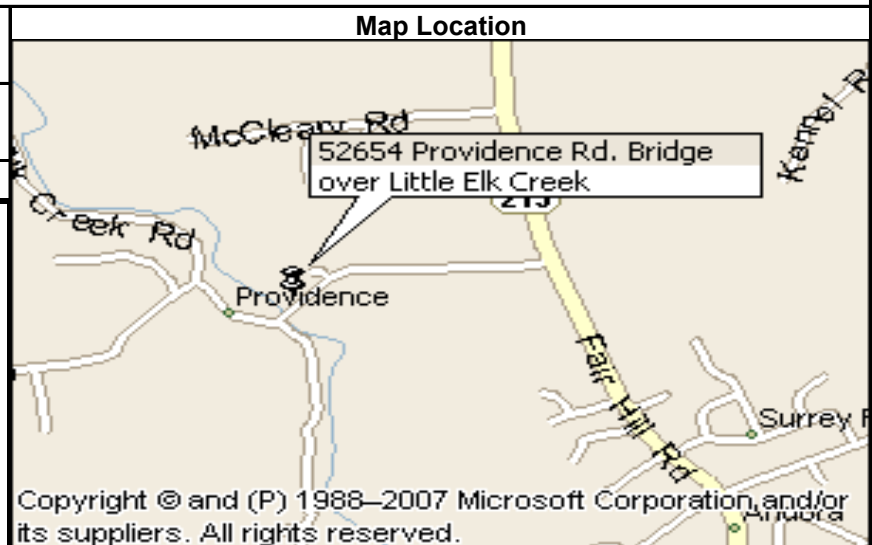
FUNDING SCHEDULE

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:		Financial Activity as of	3/29/2017
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 2018**

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: 34



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

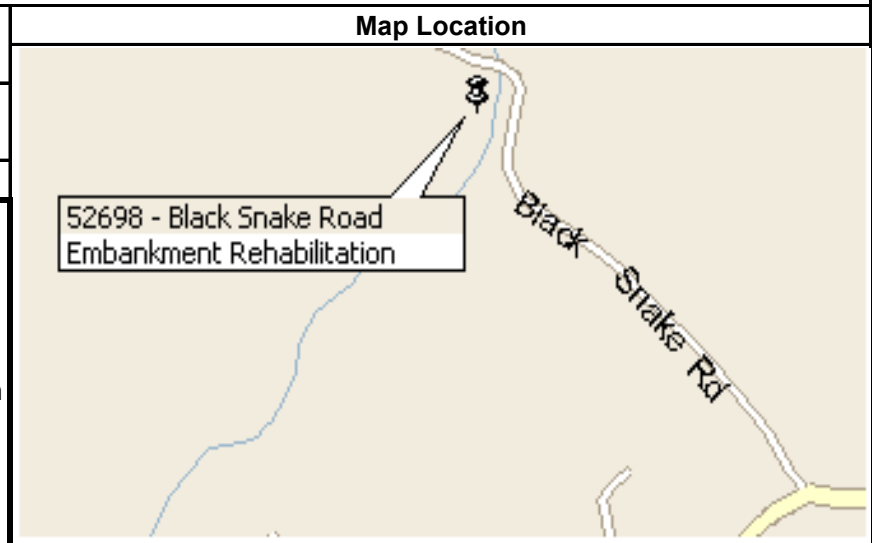
FUNDING SCHEDULE

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:		Financial Activity as of	3/29/2017
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 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52698
Project Title: Black Snake Road Embankment Rehabilitation	Project Location: Elkton, MD
Project Description/Status:	Priority: 35



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52699
Project Title: Offsite Wetlands Mitigation Projects	Project Location: Elkton, MD
Project Description/Status:	Priority: 36

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.						Complete
			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 37

Map Location

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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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

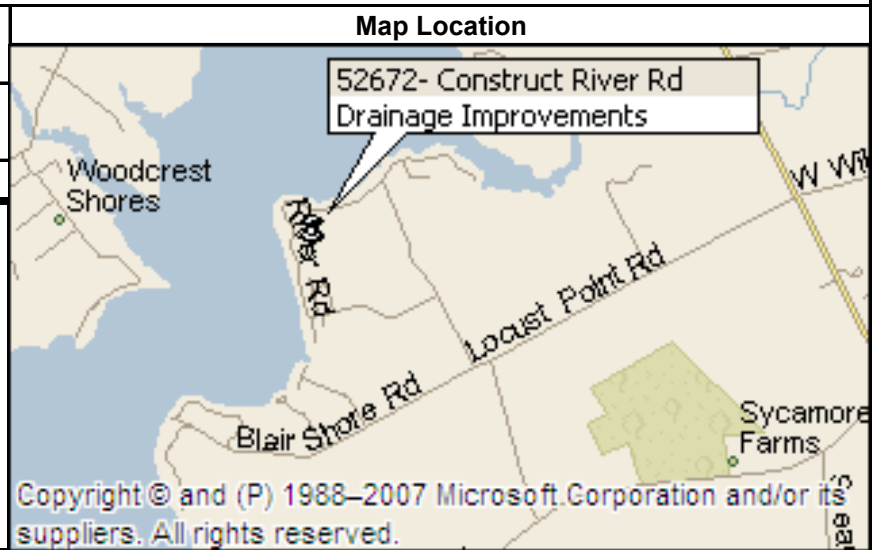
FUNDING SCHEDULE

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:		Financial Activity as of	3/29/2017
Estimated Annual Debt Service Cost:	0	Expended	25,498
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	25,498

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52672
Project Title: Construct River Road Drainage Improvements	Project Location: Chesapeake City, MD
Project Description/Status:	Priority: 38



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

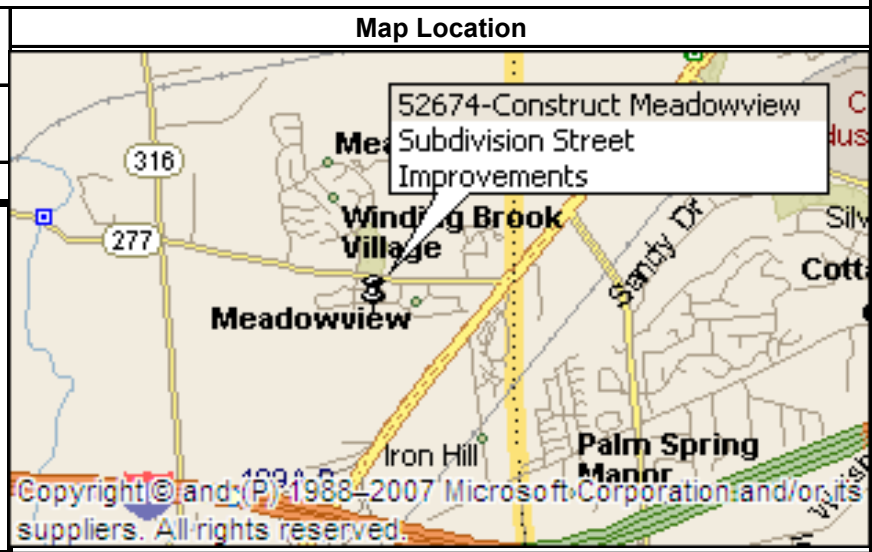
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52674
Project Title: Construct Meadowview Subdivision Street Improvements	Project Location: Meadowview, Elkton, MD
Project Description/Status:	Priority: 39



Replace aging curbing, pavement, and improve drainage concerns.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

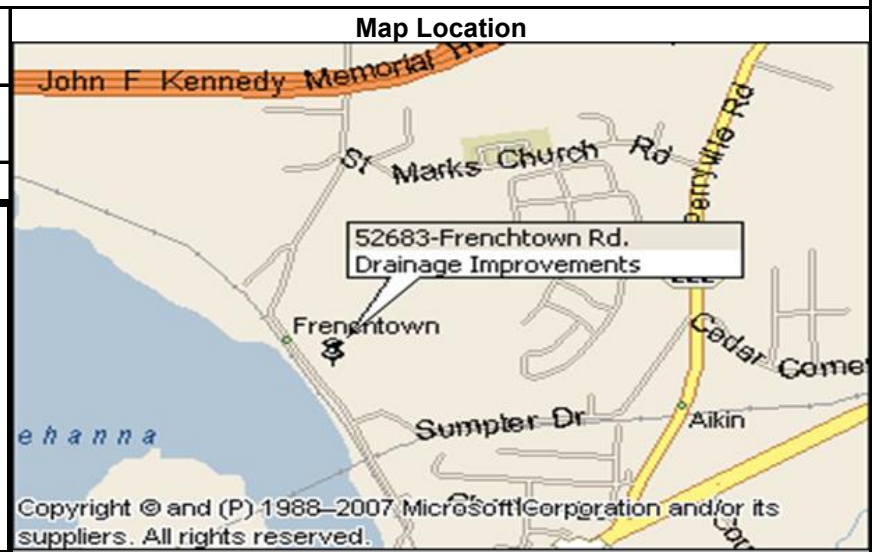
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52683
Project Title: Construct Frenchtown Road Drainage Improvements	Project Location: Perryville, MD
Project Description/Status:	Priority: 40



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

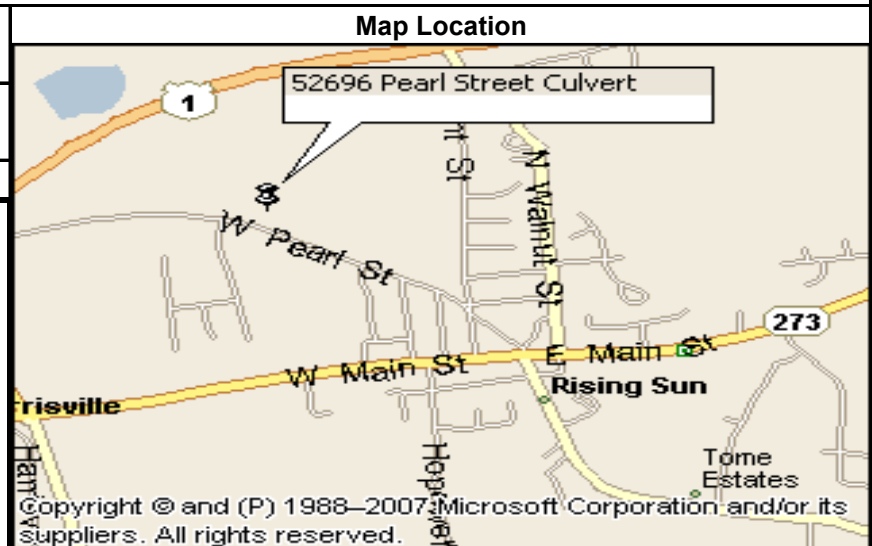
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 41



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

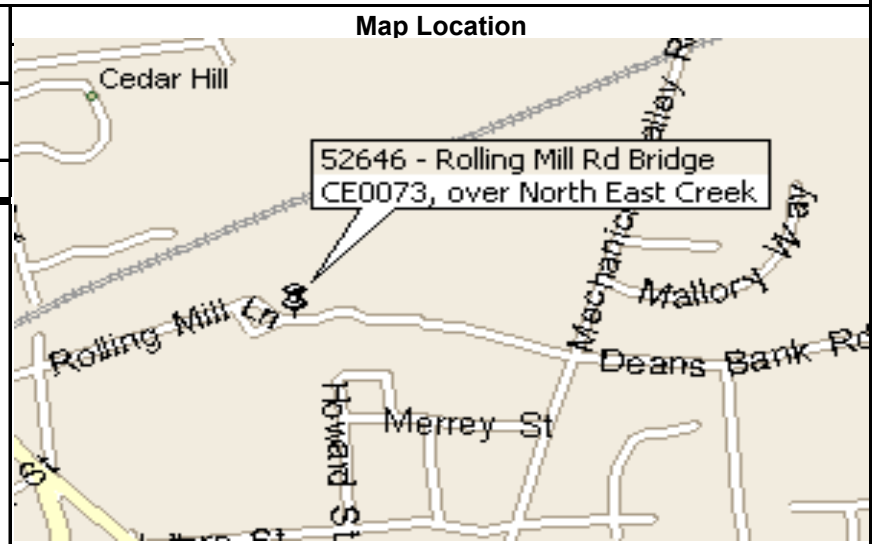
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 42



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

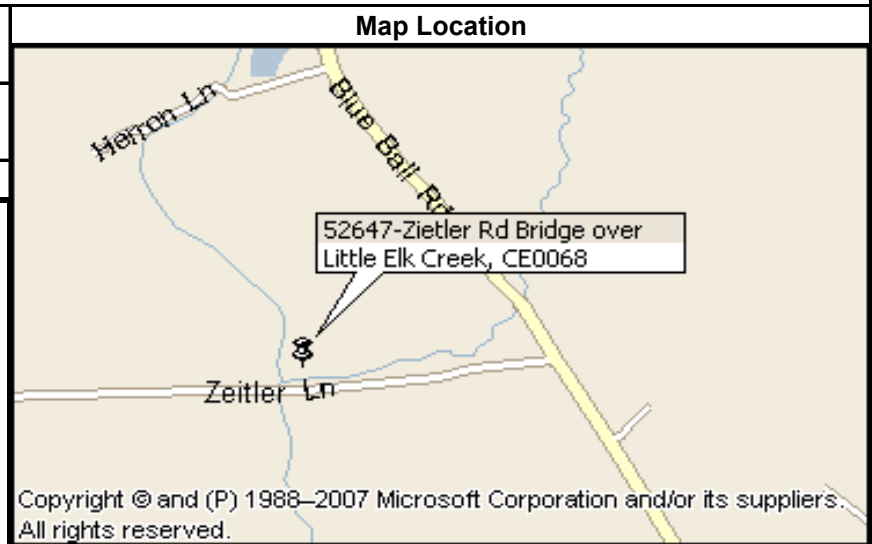
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
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 eitler Road over Little Elk Creek	Project Location: Elkton, MD
Project Description/Status:	Priority: 43



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

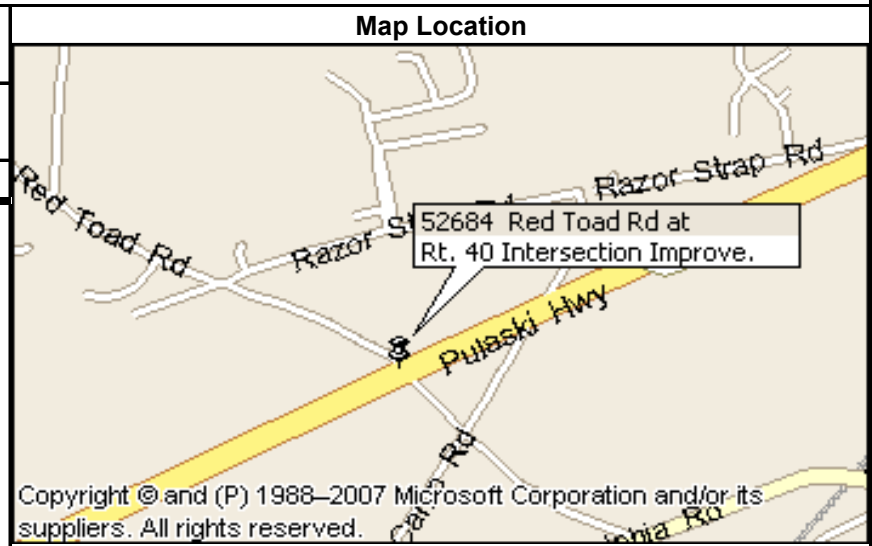
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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: 44



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	48,000	48,000							
Land Acquisition	50,000	50,000							
Site Work	25,000	25,000							
Construction	892,950	892,950							
Equipment/Furnishings	0								
Other	0								
Total Cost	1,015,950	1,015,950	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	98,000	98,000							
County Bonds	917,950	917,950							
State	0								
Federal	0								
Other	0								
Total Funds	1,015,950	1,015,950	0	0	0	0	0	0	0

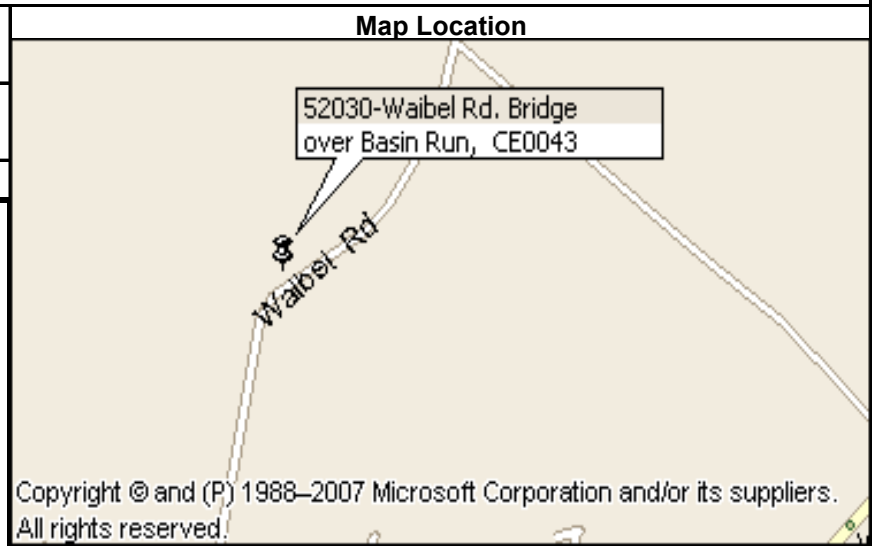
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	890,899
Encumbered	115,142
Total	1,006,041

Project Form **Cecil County Capital Improvements Program 2018**

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: 45



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	220,000	220,000							
Land Acquisition	50,000	50,000							
Site Work	50,000	50,000							
Construction	701,000	701,000							
Equipment/Furnishings	0								
Other	0								
Total Cost	1,021,000	1,021,000	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	851,000	851,000							
State	0								
Federal	0								
Other	170,000	170,000							
Total Funds	1,021,000	1,021,000	0	0	0	0	0	0	0

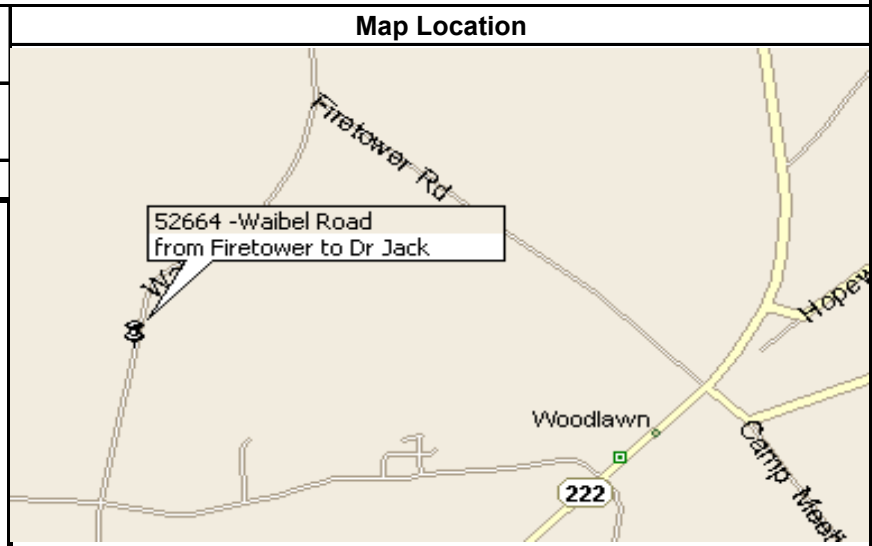
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	910,128
Encumbered	110,876
Total	1,021,004

Project Form **Cecil County Capital Improvements Program 2018**

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: 46



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	150,127	150,127							
Land Acquisition	100,000	100,000							
Site Work	50,000	50,000							
Construction	955,000	955,000							
Equipment/Furnishings	0								
Other	0								
Total Cost	1,255,127	1,255,127	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,155,127	1,155,127							
State	0								
Federal	0								
Other	100,000	100,000							
Total Funds	1,255,127	1,255,127	0	0	0	0	0	0	0

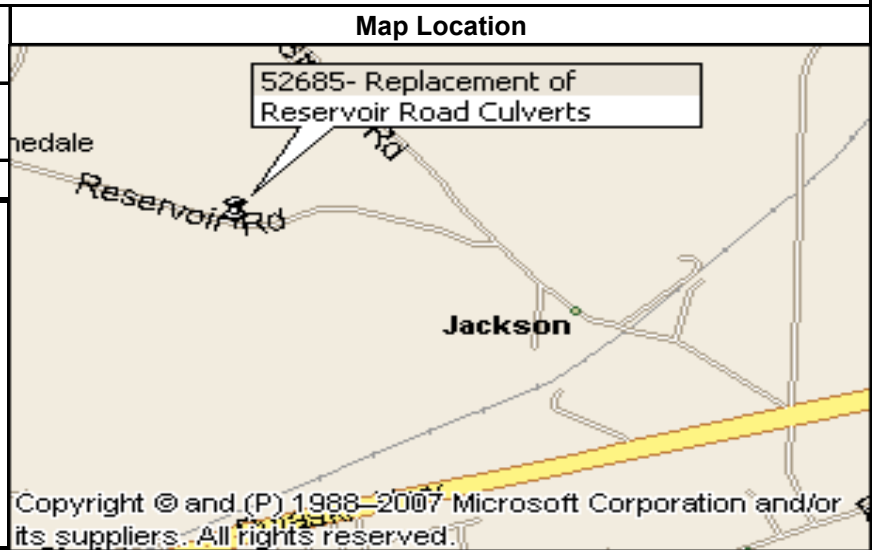
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	953,371
Encumbered	285,827
Total	1,239,198

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52685
Project Title: Replacement of Reservoir Road Culverts	Project Location: Perryville, MD
Project Description/Status:	Priority: 47



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	225,000	225,000							
Land Acquisition	60,000	60,000							
Site Work	60,000	60,000							
Construction	1,279,000	1,279,000							
Equipment/Furnishings	0								
Other	0								
Total Cost	1,624,000	1,624,000	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	85,000	85,000							
County Bonds	1,539,000	1,539,000							
State	0								
Federal	0								
Other	0								
Total Funds	1,624,000	1,624,000	0	0	0	0	0	0	0

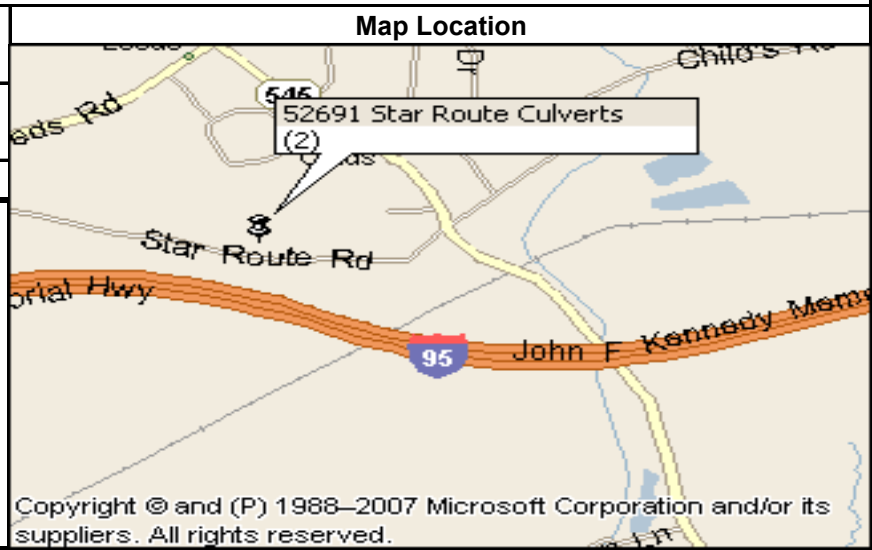
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	1,478,355
Encumbered	72,594
Total	1,550,949

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Roads/Bridges	Project Number: 52691
Project Title: Replace Star Route Rd. Culverts (1)	Project Location: Elkton, MD
Project Description/Status:	Priority: 48



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	15,000	15,000							
Land Acquisition	10,000	10,000							
Site Work	100,000	100,000							
Construction	448,700	448,700							
Equipment/Furnishings	0								
Other	0								
Total Cost	573,700	573,700	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	573,700	573,700							
State	0								
Federal	0								
Other	0								
Total Funds	573,700	573,700	0	0	0	0	0	0	0

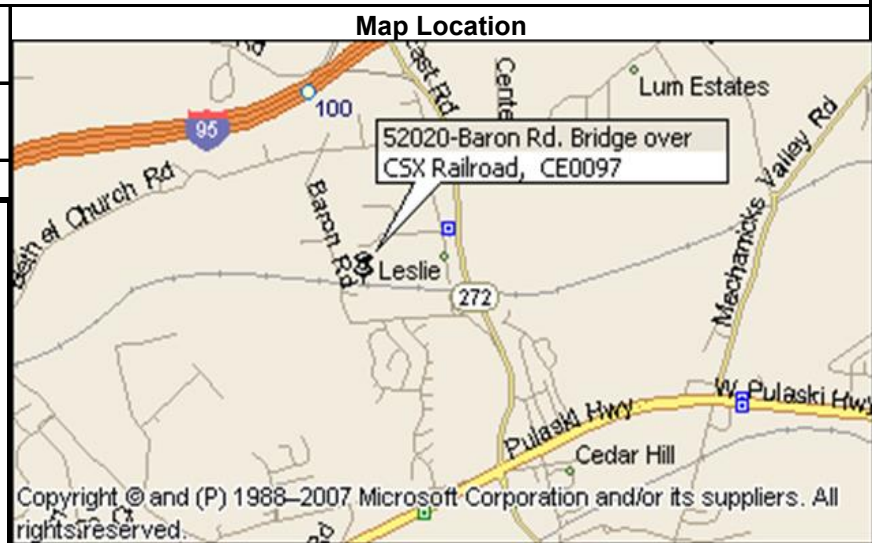
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	530,038
Encumbered	6,630
Total	536,668

Project Form **Cecil County Capital Improvements Program 2018**

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: 52



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	694,768	694,768							
Land Acquisition	250,000	250,000							
Site Work	150,000	150,000							
Construction	2,918,405	2,918,405							
Equipment/Furnishings	0								
Other	0								
Total Cost	4,013,173	4,013,173	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	513,954	513,954							
County Bonds	675,404	675,404							
State	0								
Federal	2,823,815	2,823,815							
Other	0								
Total Funds	4,013,173	4,013,173	0	0	0	0	0	0	0

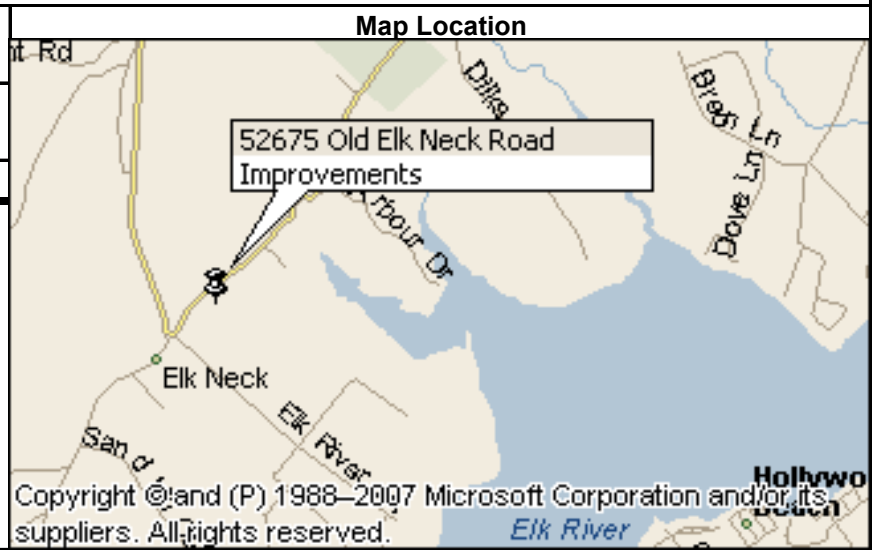
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	3,413,058
Encumbered	78,543
Total	3,491,601

Project Form **Cecil County Capital Improvements Program 2018**

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: 53



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	541,907	541,907							
Land Acquisition	400,000	400,000							
Site Work	400,000	400,000							
Construction	878,000	878,000							
Equipment/Furnishings	0								
Other	0								
Total Cost	2,219,907	2,219,907	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	121,779	121,779							
County Bonds	2,098,128	2,098,128							
State	0								
Federal	0								
Other	0								
Total Funds	2,219,907	2,219,907	0	0	0	0	0	0	0

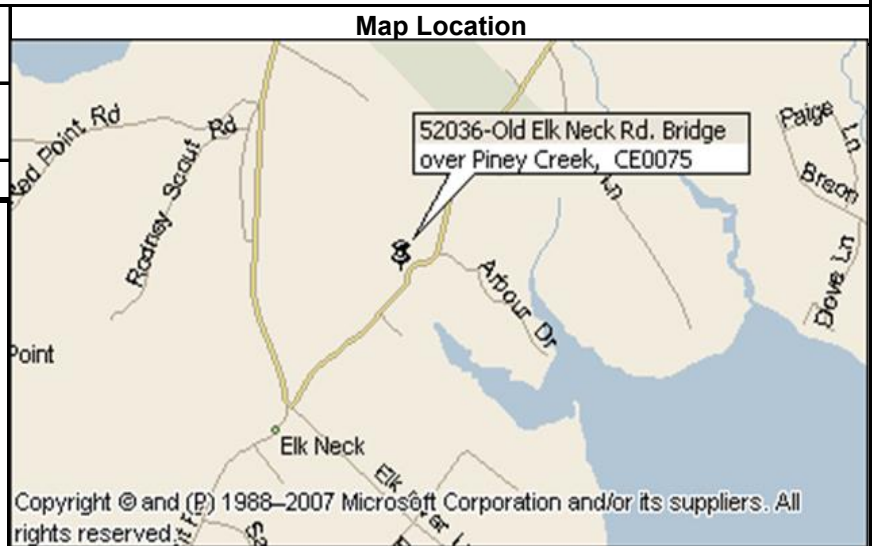
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	1,969,389
Encumbered	151,140
Total	2,120,529

Project Form **Cecil County Capital Improvements Program 2018**

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: 54



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	233,000	233,000							
Land Acquisition	175,000	175,000							
Site Work	172,700	172,700							
Construction	3,011,000	3,011,000							
Equipment/Furnishings	0								
Other	0								
Total Cost	3,591,700	3,591,700	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	175,700	175,700							
County Bonds	3,416,000	3,416,000							
State	0								
Federal	0								
Other	0								
Total Funds	3,591,700	3,591,700	0	0	0	0	0	0	0

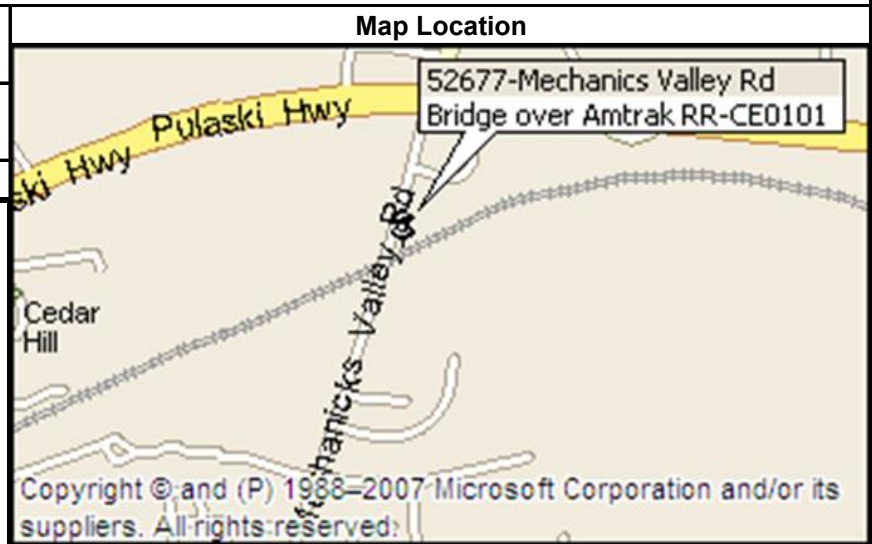
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	3,536,640
Encumbered	37,127
Total	3,573,767

Project Form **Cecil County Capital Improvements Program 2018**

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: 9



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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	40,000								40,000
Land Acquisition	0								
Site Work	0								
Construction	350,000								350,000
Equipment/Furnishings	0								
Other	0								
Total Cost	390,000	0	0	0	0	0	0	0	390,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	110,000								110,000
State	0								
Federal	280,000								280,000
Other	0								
Total Funds	390,000	0	0	0	0	0	0	0	390,000

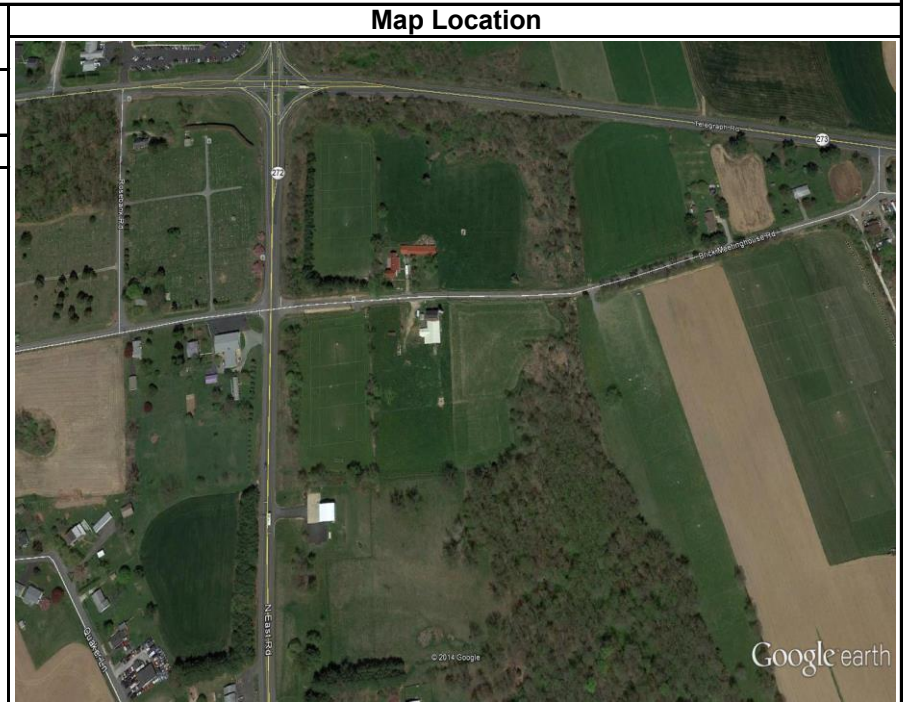
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Parks and Recreation	Project Number: 56015/56016
Project Title: Calvert Regional Park - Development	Project Location: Calvert Phase II
Project Description/Status:	Priority: 1



History

- Purchased by the State in 2008

Intent

- To become the first Regional Park in Cecil County

Benefits

- Increased Physical Activity
- Improved Health
- Economic Revitalization
- Safe Family Environment
- Environmental Education
- Open Space Stewardship

Outcome

- 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.

Phase I Grand Opening held October 31, 2015.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	715	715							
Land Acquisition	0								
Site Work	140	60	80						
Construction	7,339	4,639	520			2,180			
Equipment/Furnishings	506	406	100						
Other	0								
Total Cost	8,700	5,820	700	0	0	2,180	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	6,709	4,399	504			1,806			
State	1,185	802	196			187			
Federal	0								
Other - VLT	806	619				187			
Total Funds	8,700	5,820	700	0	0	2,180	0	0	0

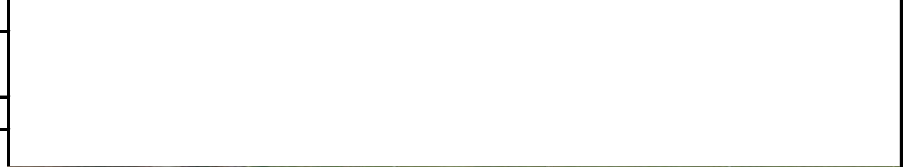
OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	3/29/2017
Annual Operating/Maintenance Cost:	0	Expended	4,961,450
New Positions (FTE's):	0.0	Encumbered	73,583
		Total	<u>5,035,033</u>

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Parks and Recreation	Project Number:
Project Title: Perryville Synthetic Turf - Development	Project Location: Perryville High School
Project Description/Status:	Priority: 2

Map Location



History

- All Cecil County High Schools have, and continue to, play on natural grass surfaces which need renovating.

Intent

- To create an MOU with CCPS that will improve school facilities for all Cecil County residents and help regionalize Parks and Recreation programs.

Benefits

- Synthetic turf fields are safer, require less maintenance, are environmentally friendly, and extend daily and seasonal participation levels.

Outcome

- To provide safer, more consistent playing surfaces. This will increase physical activity, promote healthier lifestyles, generate revenue, and create a partnership that will help regionalize Parks and Recreation efforts.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	80		80						
Land Acquisition	0								
Site Work	0								
Construction	658		658						
Equipment/Furnishings	283		283						
Other	0								
Total Cost	1,021	0	1,021	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	786		786						
State	0		0						
Federal	0								
Other - VLT	235		235						
Total Funds	1,021	0	1,021	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	3/29/2017
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 2018**

Agency/Department: Parks and Recreation	Project Number:
Project Title: Bo Manor Synthetic Turf - Development	Project Location: Bo Manor High School
Project Description/Status:	Priority: 3

Map Location

History

- All Cecil County High Schools have, and continue to, play on natural grass surfaces which need renovating.

Intent

- To create an MOU with CCPS that will improve school facilities for all Cecil County residents and help regionalize Parks and Recreation programs.

Benefits

- Synthetic turf fields are safer, require less maintenance, are environmentally friendly, and extend daily and seasonal participation levels.

Outcome

- To provide safer, more consistent playing surfaces. This will increase physical activity, promote healthier lifestyles, generate revenue, and create a partnership that will help regionalize Parks and Recreation efforts.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	80				80				
Land Acquisition	0								
Site Work	0								
Construction	727				727				
Equipment/Furnishings	314				314				
Other	0								
Total Cost	1,121	0	0	0	1,121	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	932				932				
State	0								
Federal	0								
Other - VLT	189				189				
Total Funds	1,121	0	0	0	1,121	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	3/29/2017
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Parks and Recreation	Project Number:
Project Title: Rising Sun Synthetic Turf - Development	Project Location: Rising Sun High School
Project Description/Status:	Priority: 4

Map Location



History

- All Cecil County High Schools have, and continue to, play on natural grass surfaces which need renovating.

Intent

- To create an MOU with CCPS that will improve school facilities for all Cecil County residents and help regionalize Parks and Recreation programs.

Benefits

- Synthetic turf fields are safer, require less maintenance, are environmentally friendly, and extend daily and seasonal participation levels.

Outcome

- To provide safer, more consistent playing surfaces. This will increase physical activity, promote healthier lifestyles, generate revenue, and create a partnership that will help regionalize Parks and Recreation efforts.

EXPENDITURE SCHEDULE


Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	80	0					80		
Land Acquisition	0								
Site Work	0	0							
Construction	703	0					703		
Equipment/Furnishings	323	0					323		
Other	0								
Total Cost	1,106	0	0	0	0	0	1,106	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,106	0					1,106		
State	0	0							
Federal	0								
Other - VLT	0	0							
Total Funds	1,106	0	0	0	0	0	1,106	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	3/29/2017
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 2018									
Agency/Department: Parks and Recreation					Project Number:					Map Location 									
Project Title: Elkton Synthetic Turf - Development					Project Location: Elkton High School														
Project Description/Status:					Priority: 6														
<p>History</p> <ul style="list-style-type: none"> All Cecil County High Schools have, and continue to, play on natural grass surfaces which need renovating. <p>Intent</p> <ul style="list-style-type: none"> To create an MOU with CCPS that will improve school facilities for all Cecil County residents and help regionalize Parks and Recreation programs. <p>Benefits</p> <ul style="list-style-type: none"> Synthetic turf fields are safer, require less maintenance, are environmentally friendly, and extend daily and seasonal participation levels. <p>Outcome</p> <ul style="list-style-type: none"> To provide safer, more consistent playing surfaces. This will increase physical activity, promote healthier lifestyles, generate revenue, and create a partnership that will help regionalize Parks and Recreation efforts. 																			
EXPENDITURE SCHEDULE																			
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete										
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023											
Design/Engineering	80								80										
Land Acquisition	0																		
Site Work	0																		
Construction	721								721										
Equipment/Furnishings	319								319										
Other	0																		
Total Cost	1,120	0	0	0	0	0	0	0	1,120										
FUNDING SCHEDULE																			
County Paygo	0																		
County Bonds	0								1,120										
State	1,120																		
Federal	0																		
Other - VLT	0																		
Total Funds	1,120	0	0	0	0	0	0	0	1,120										

OPERATING BUDGET IMPACT:

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

Financial Activity as of

	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form										Cecil County Capital Improvements Program 2018									
Agency/Department: Parks and Recreation					Project Number:					Map Location 									
Project Title: North East Synthetic Turf - Development					Project Location: North East High School														
Project Description/Status:					Priority: 5														
<p>History</p> <ul style="list-style-type: none"> All Cecil County High Schools have, and continue to, play on natural grass surfaces which need renovating. <p>Intent</p> <ul style="list-style-type: none"> To create an MOU with CCPS that will improve school facilities for all Cecil County residents and help regionalize Parks and Recreation programs. <p>Benefits</p> <ul style="list-style-type: none"> Synthetic turf fields are safer, require less maintenance, are environmentally friendly, and extend daily and seasonal participation levels. <p>Outcome</p> <ul style="list-style-type: none"> To provide safer, more consistent playing surfaces. This will increase physical activity, promote healthier lifestyles, generate revenue, and create a partnership that will help regionalize Parks and Recreation efforts. 																			
EXPENDITURE SCHEDULE																			
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete										
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023											
Design/Engineering	80								80										
Land Acquisition	0																		
Site Work	0																		
Construction	701								701										
Equipment/Furnishings	306								306										
Other	0																		
Total Cost	1,087	0	0	0	0	0	0	0	1,087										
FUNDING SCHEDULE																			
County Paygo	0																		
County Bonds	1,087								1,087										
State	0																		
Federal	0																		
Other - VLT	0																		
Total Funds	1,087	0	0	0	0	0	0	0	1,087										

OPERATING BUDGET IMPACT:

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

Financial Activity as of

	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: Parks and Recreation	Project Number: 56017
Project Title: Elk River DMP	Project Location: Elk River Park, Elkton, MD
Priority: 2	



State driven project to expand capacity to 70,000 cubic yards. Project requested for future river dredging spoils.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3/29/2017
Expended	1,856,790
Encumbered	0
Total	<u>1,856,790</u>

Project Form **Cecil County Capital Improvements Program 2018**

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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	25	25							
Land Acquisition	0		0						
Site Work	0		0						
Construction	155	216							
Equipment/Furnishings	0		0						
Other	0		0						
Total Cost	180	241	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0		0						
County Bonds	180	241	0						
State	0		0						
Federal	0		0						
Other	0		0						
Total Funds	180	241	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 3/29/2017
 Expended 25,627
 Encumbered 197,379
Total 223,006

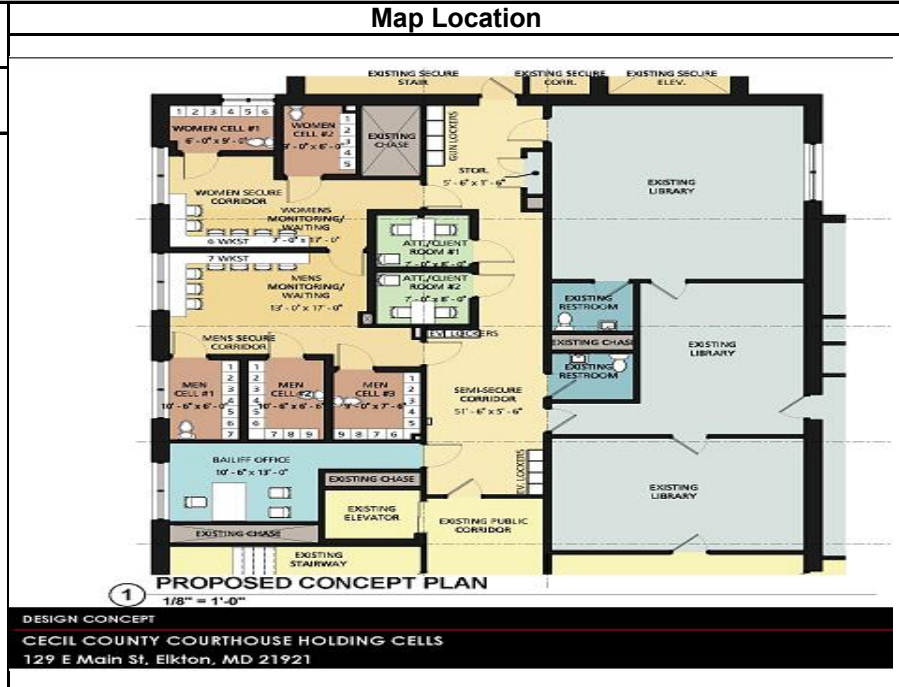
Cecil County Capital Improvements Program 2018

Agency/Department: Facilities Management
Project Number:

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

Project Description/Status: Priority: 1

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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	55		55						
Land Acquisition	0								
Site Work	0								
Construction	400		400						
Equipment/Furnishings	60		60						
Other	25		25						
Total Cost	540	0	540	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	540		540						
State	0								
Federal	0								
Other	0								
Total Funds	540	0	540	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 11/21/2016
 Expended 0
 Encumbered 0
 Total 0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
Facilities Management

Project Number:

Map Location

Project Title:
Retrofit Additional Space for Sheriff's Office

Project Location:
107 Chesapeake Blvd



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

The initial planning for the retrofit of Suite 114 is to provide more space for Law Enforcement which involves moving the Criminal Investigation Division and Sex Offender compliance office into the new space. The new area will provide space for additional interview rooms that will need audio/video recording equipment to comply with laws governing the interview process. The evidence room, armory and the processing lab need additional space. Once certain offices move into Suite 114 the vacated space will provide the much needed space for the storage system for Central Records. Initial retrofit project costs are calculated using a per square foot cost of \$150 for approximately 3,000 square feet of space.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	62		62						
Land Acquisition	0								
Site Work	0								
Construction	508		508						
Equipment/Furnishings	93		93						
Other	0								
Total Cost	663	0	663	0	0	0	0	0	0


FUNDING SCHEDULE

County Paygo	0								
County Bonds	663		663						
State	0								
Federal	0								
Other	0								
Total Funds	663	0	663	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 3/29/2017
 Expended 0
 Encumbered 0
 Total 0

Project Form		Cecil County Capital Improvements Program 2018	
Agency/Department: Facilities Management		Project Number:	
Project Title: Health Department Parking Lot & Curbing		Project Location: 401 Bow St Elkton	
Project Description/Status:		Priority: 3	
<p>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.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	50				50				
Land Acquisition	0								
Site Work	0								
Construction	325				325				
Equipment/Furnishings	0								
Other	0								
Total Cost	375	0	0	0	375	0	0	0	0

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

OPERATING BUDGET IMPACT:		Financial Activity as of	3/29/2017
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Cecil County Capital Improvements Program 2018

Agency/Department: Facilities Management

Project Number:

Map Location

Project Title:
New Asphalt - Courthouse Parking Lot

Project Location:
129 E. Main St. Elkton



Project Description/Status: Priority: 4

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 2017	Five Year Capital Program					Balance to Complete
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
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	0	225	0	0


FUNDING SCHEDULE

County Paygo	0								
County Bonds	225						225		
State	0								
Federal	0								
Other	0								
Total Funds	225	0	0	0	0	0	225	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 11/21/2016
 Expended 0
 Encumbered 0
 Total 0

Project Form										Cecil County Capital Improvements Program 2018									
Agency/Department: Information Technology					Project Number: 61002					Map Location									
Project Title: Broadband Technologies Opportunity Prog.					Project Location: Various County Facilities, etc.														
Project Description/Status: <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.</p>																			
EXPENDITURE SCHEDULE																			
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete										
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023											
Design/Engineering	0																		
Land Acquisition	0																		
Site Work	0																		
Construction	0																		
Equipment/Furnishings	832	832	0																
Other	0																		
Total Cost	832	832	0	0	0	0	0	0	0										
FUNDING SCHEDULE																			
County Paygo	75	75																	
County Bonds	757	757	0																
State	0																		
Federal	0																		
Other	0																		
Total Funds	832	832	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	3/29/2017
Expended	584,469
Encumbered	214,470
Total	<u>798,939</u>

Project Form		Cecil County Capital Improvements Program 2018	
Agency/Department: Information Technology		Project Number: 61003	
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>			
Map Location			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	900	650	250						
Other	0								
Total Cost	900	650	250	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	900	650	250						
State	0								
Federal	0								
Other	0								
Total Funds	900	650	250	0	0	0	0	0	0

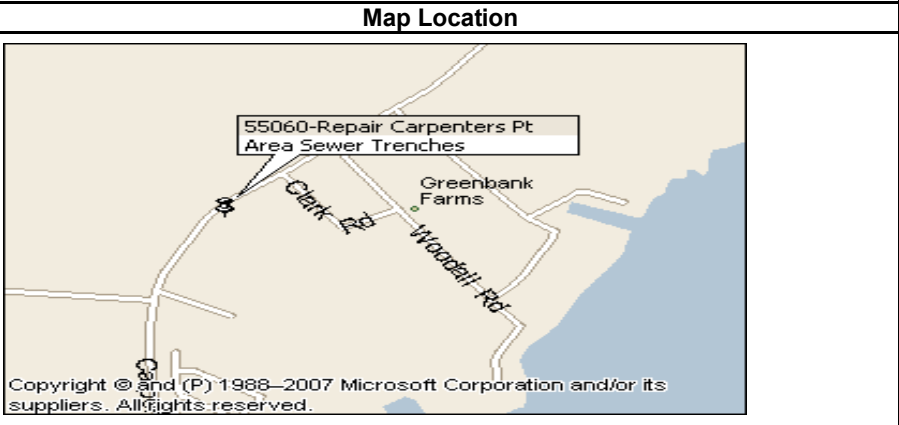
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	21,152
Encumbered	562,085
Total	583,237

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Waste Water	Project Number: 55060
Project Title: Repair Carpenters Point Area Sewer Trenches	Project Location: Carpenters Point, Perryville, MD
Project Description/Status:	Priority: 1



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.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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:

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

Financial Activity as of	3/20/2017
Expended	418,196
Encumbered	12,534
Total	<u>430,730</u>

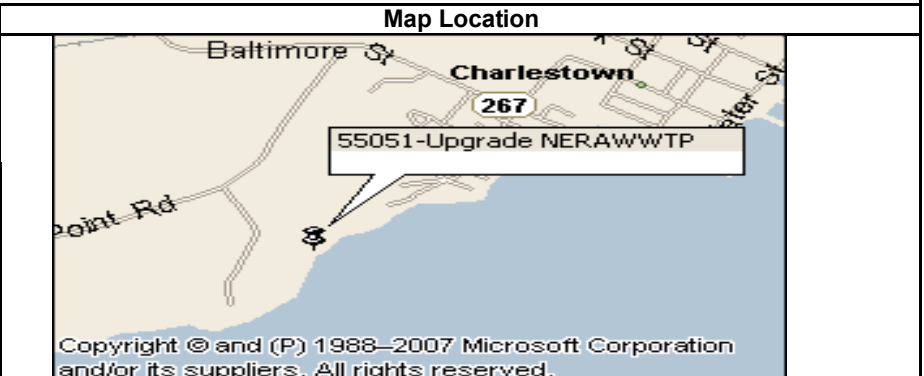
Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: **DPW-Waste Water** Project Number: **55051**

Project Title: **Upgrade NERAWWTP** Project Location: **Seneca Point, Perryville, MD**

Project Description/Status: _____ Priority: **4**

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**



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3/20/2017
Estimated Annual Debt Service Cost:	0		Expended	33,565,788
Annual Operating/Maintenance Cost:	0		Encumbered	1,024,551
New Positions (FTE's):	0.0		Total	<u>34,590,339</u>

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW-Waste Water

Project Number:
55052

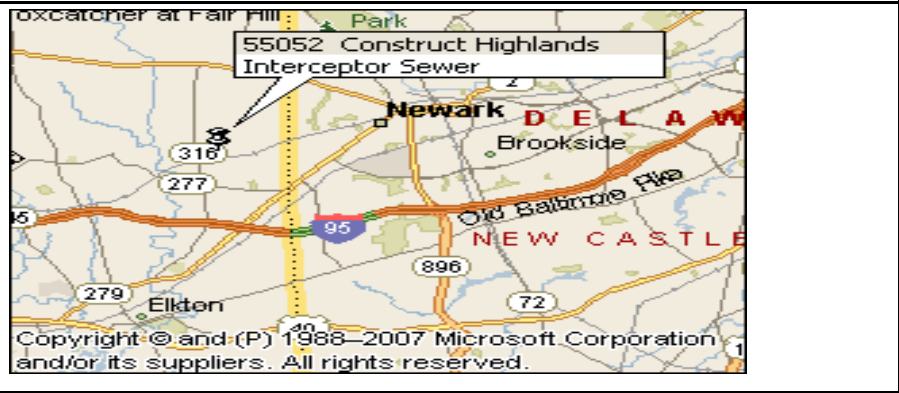
Project Title:
Construct Highlands Interceptor Sewer

Project Location:

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

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.

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3/20/2017
Estimated Annual Debt Service Cost:	0		Expended	4,565,513
Annual Operating/Maintenance Cost:	0		Encumbered	171,182
New Positions (FTE's):	0.0		Total	<u>4,736,695</u>

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW-Waste Water

Project Number:
55064

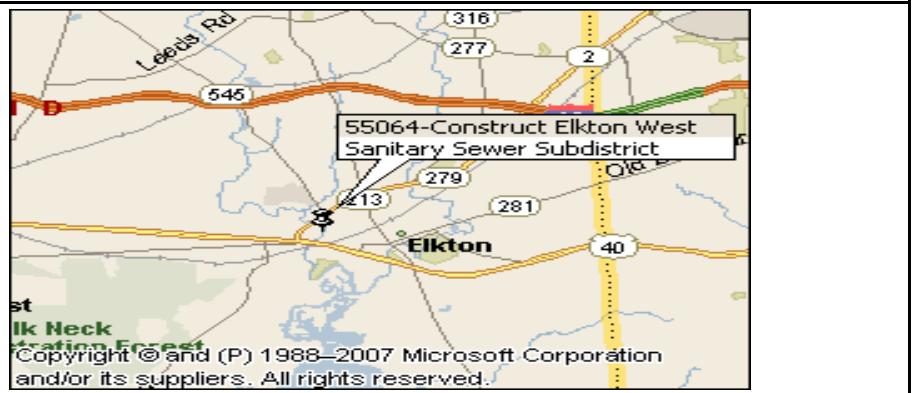
Project Title:
Construct Elkton West Sanitary Sewer Sub.

Project Location:
Elkton, MD

Project Description/Status: **Priority:** 6

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.

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	4,300,000	1,300,000	100,000	400,000	650,000	600,000	750,000	250,000	250,000
Land Acquisition	1,200,000	300,000		100,000	350,000	100,000	350,000		
Site Work	0								
Construction	43,906,445	7,429,445	1,400,000	5,377,000	3,500,000	6,300,000	5,900,000	7,000,000	7,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	49,406,445	9,029,445	1,500,000	5,877,000	4,500,000	7,000,000	7,000,000	7,250,000	7,250,000

FUNDING SCHEDULE

County Paygo	300,000	300,000							
County Bonds	47,606,445	8,729,445		5,877,000	4,500,000	7,000,000	7,000,000	7,250,000	7,250,000
State	0								
Federal	0								
Other	1,500,000		1,500,000						
Total Funds	49,406,445	9,029,445	1,500,000	5,877,000	4,500,000	7,000,000	7,000,000	7,250,000	7,250,000

OPERATING BUDGET IMPACT:

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

Financial Activity as of 3/20/2017
 Expended 1,448,909
 Encumbered 656,607
Total 2,105,516

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW Waste Water

Project Number:
55018

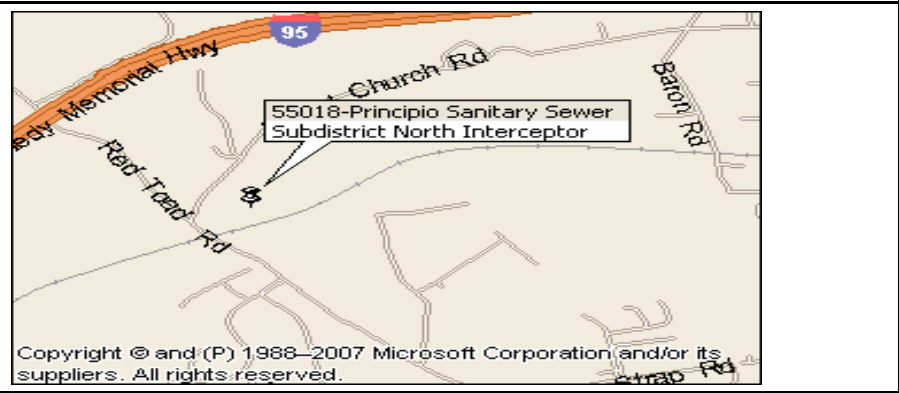
Project Title: Construct Principio Sanitary Sewer Subdistrict North Interceptor

Project Location:
North East, MD

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

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**

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	100,000	100,000							
Land Acquisition	100,000	100,000							
Site Work	100,000	100,000							
Construction	4,845,000	4,845,000	0						
Equipment/Furnishings	0								
Other	0								
Total Cost	5,145,000	5,145,000	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	545,000	545,000							
County Bonds	4,600,000	4,600,000	0						
State	0								
Federal	0								
Other	0								
Total Funds	5,145,000	5,145,000	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 3/20/2017
 Expended 3,930,004
 Encumbered 1,006,160
Total 4,936,164

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Waste Water	Project Number: 55069
Project Title: Repair Port Deposit WWTP	Project Location: Port Deposit, MD
Project Description/Status: Priority: 8	
<p>The existing Port Deposit Wastewater Treatment Plant (WWTP) is 40 years old in and on the bank of the Suesquahanna River. It has deteriorated to the point where the structural integrity of the facility can no longer be assured and corrective action must be taken. This project will replace the existing WWTP with a new plant constructed on the Bainbridge site. As part of the project, a forcemain, pump station and gravity effluent line will be constructed to convey PD sewage to the new plant and discharge treated WW to the existing outfall on the Suesquahanna River. The new plant will treat WW to ENR levels and will initially be sized to treat 150,000 gpd with the ability to be expanded to treat up to 900,000 gpd. The project will serve existing Port Deposit, redevelopment of the Bainbridge site and other users within the service area.</p>	



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	384,000	384,000							
Land Acquisition	0								
Site Work	2,500,000		2,500,000						
Construction	4,300,000	300,000	4,000,000						
Equipment/Furnishings	3,516,000	1,016,000	2,500,000						
Other	0								
Total Cost	10,700,000	1,700,000	9,000,000	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	5,700,000	1,700,000	4,000,000						
State	2,500,000		2,500,000						
Federal	0								
Other	2,500,000		2,500,000						
Total Funds	10,700,000	1,700,000	9,000,000	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	3/20/2017
Expended	270,819
Encumbered	662,933
Total	<u>933,752</u>

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW-Waste Water

Project Number:
55055

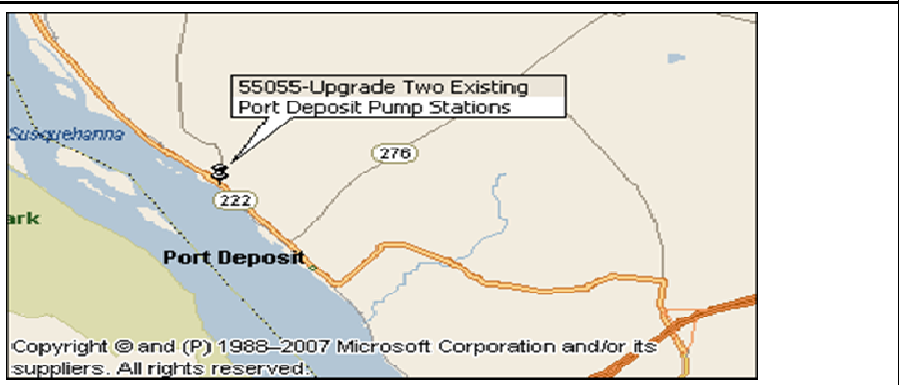
Project Title:
Upgrade 2 Existing Port Deposit Pump Stations

Project Location:
Port Deposit

Project Description/Status: **Priority:** 9

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.

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	250,000	125,000		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	125,000	1,000,000	0	0	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	125,000	1,000,000	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 3/20/2017
 Expended 0
 Encumbered 0
 Total 0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW-Waste Water

Project Number:
55053

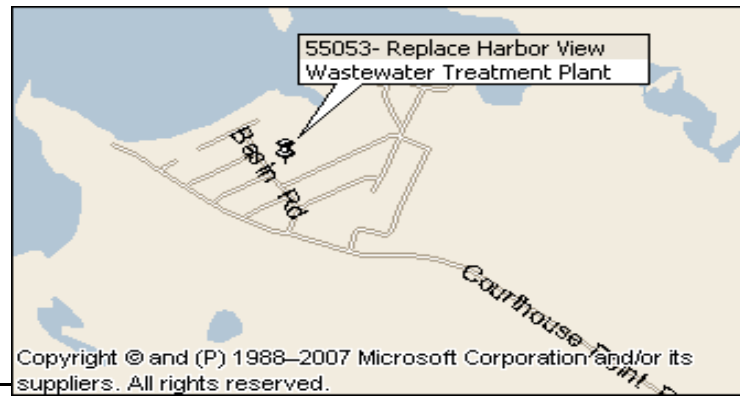
Project Title:
Replace Harbor View WWTP

Project Location:
Harbor View, Elkton, MD

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

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.

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	550,000	550,000							
Land Acquisition	0								
Site Work	0								
Construction	4,000,000		4,000,000						
Equipment/Furnishings	0								
Other	0								
Total Cost	4,550,000	550,000	4,000,000	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	3,050,000	550,000	2,500,000						
State	1,500,000		1,500,000						
Federal	0								
Other	0								
Total Funds	4,550,000	550,000	4,000,000	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 3/20/2017
 Expended 180,329
 Encumbered 92,465
Total 272,794

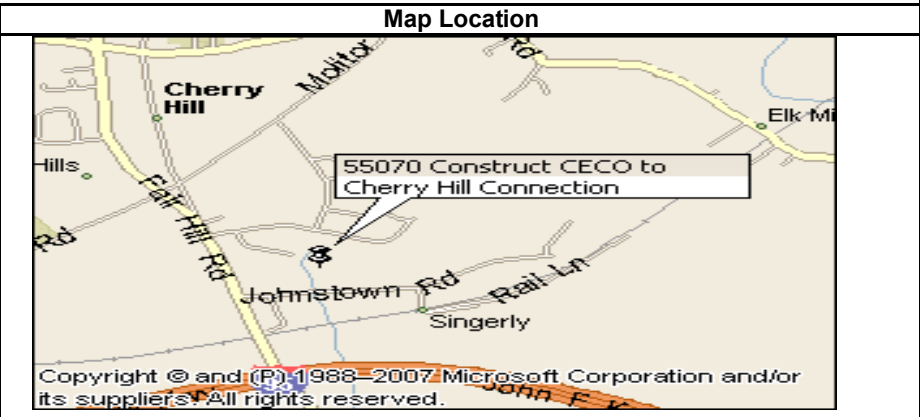
Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department: DPW-Waste Water **Project Number:** 55070

Project Title: Construct CECO to Cherry Hill Connection **Project Location:** Cherry Hill, MD

Project Description/Status: **Priority:** 11

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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3/20/2017
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 2018**

Agency/Department:
DPW-Waste Water

Project Number:
55031

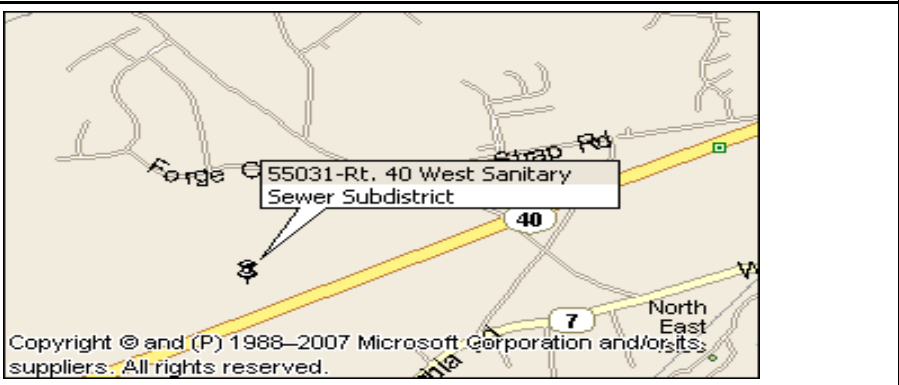
Project Title:
Construct Rt 40 W. Sanitary Sewer Subdist

Project Location:
North East, MD

Project Description/Status: **Priority:** 12

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.

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	830,000	380,000	0	250,000	200,000				
Land Acquisition	100,000			100,000					
Site Work	0								
Construction	5,250,000	1,100,000		650,000	2,000,000	1,500,000			
Equipment/Furnishings	0								
Other	0								
Total Cost	6,180,000	1,480,000	0	1,000,000	2,200,000	1,500,000		0	0

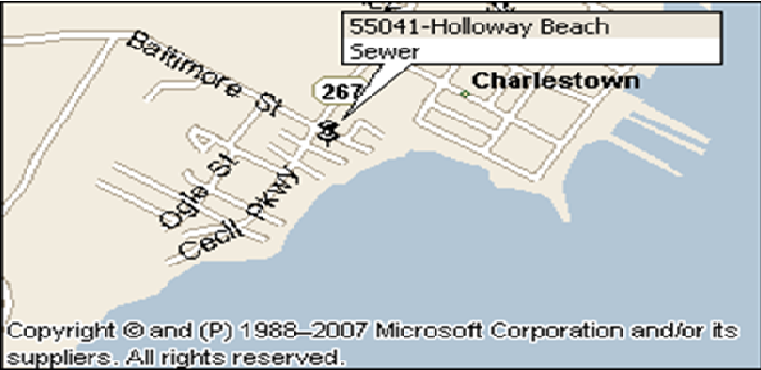
FUNDING SCHEDULE

County Paygo	150,000	150,000				0			
County Bonds	6,030,000	1,330,000		1,000,000	2,200,000	1,500,000			
State	0								
Federal	0								
Other	0								
Total Funds	6,180,000	1,480,000	0	1,000,000	2,200,000	1,500,000	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 3/20/2017
 Expended 721,111
 Encumbered 186,278
Total 907,389

Project Form		Cecil County Capital Improvements Program 2018	
Agency/Department: DPW-Waste Water		Project Number: 55041	
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>			
		Map Location  <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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	200,000	200,000							
Land Acquisition	150,000	150,000							
Site Work	0								
Construction	2,500,000			2,500,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	2,850,000	350,000	0	2,500,000	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	1,590,000	350,000		1,240,000					
State	1,260,000			1,260,000					
Federal	0								
Other	0								
Total Funds	2,850,000	350,000	0	2,500,000	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	3/20/2017
Estimated Annual Debt Service Cost:	0	Expended	118,000
Annual Operating/Maintenance Cost:	0	Encumbered	68,826
New Positions (FTE's):	0.0	Total	<u><u>186,826</u></u>

Project Form		Cecil County Capital Improvements Program 2018	
Agency/Department: DPW-Waste Water		Project Number: 55057	
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>			
		Map Location	

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	150,000	950,000	0	0	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	150,000	950,000	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	3/20/2017
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 2018	
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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	430,000	0	0	0	1,750,000	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	2,180,000	430,000				1,750,000			
State	0								
Federal	0								
Other	0								
Total Funds	2,180,000	430,000	0	0	0	1,750,000	0	0	0

OPERATING BUDGET IMPACT:			Financial Activity as of	3/20/2017
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 2018**

Agency/Department:
DPW-Waste Water

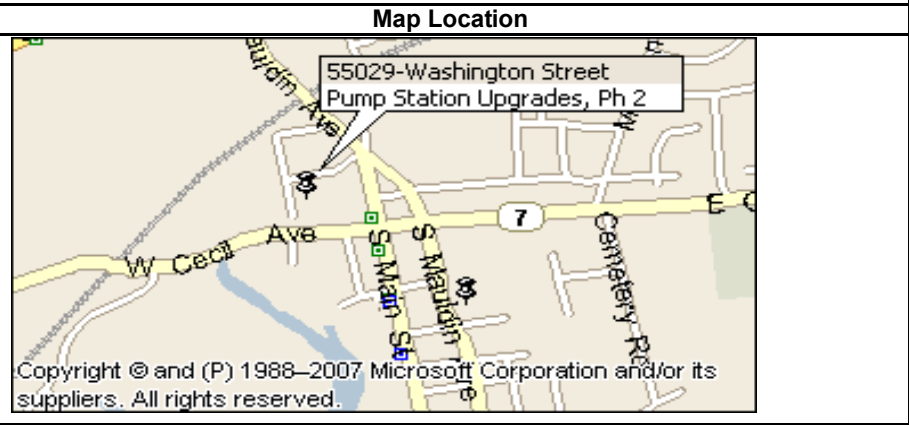
Project Number:
55029

Project Title:
Washington St. Pump Station Upgrades, 2

Project Location:
Washington St, North East, MD

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

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. **CONSTRUCTION COMPLETE**



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	50,000	50,000							
Land Acquisition	0								
Site Work	0								
Construction	527,000	527,000							
Equipment/Furnishings	0								
Other	0								
Total Cost	577,000	577,000	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	577,000	577,000							
State	0								
Federal	0								
Other	0								
Total Funds	577,000	577,000	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 3/20/2017

Expended 566,833

Encumbered 9,872

Total 576,705

Project Form **Cecil County Capital Improvements Program 2018**

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

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.

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	100,000				100,000				
Land Acquisition	0								
Site Work	0								
Construction	425,000					425,000			
Equipment/Furnishings	0								
Other	0								
Total Cost	525,000	0	0	0	100,000	425,000	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	525,000				100,000	425,000			
State	0								
Federal	0								
Other	0								
Total Funds	525,000	0	0	0	100,000	425,000	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 3/20/2017
 Expended 0
 Encumbered 0
 Total 0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW-Waste Water

Project Number:
55047

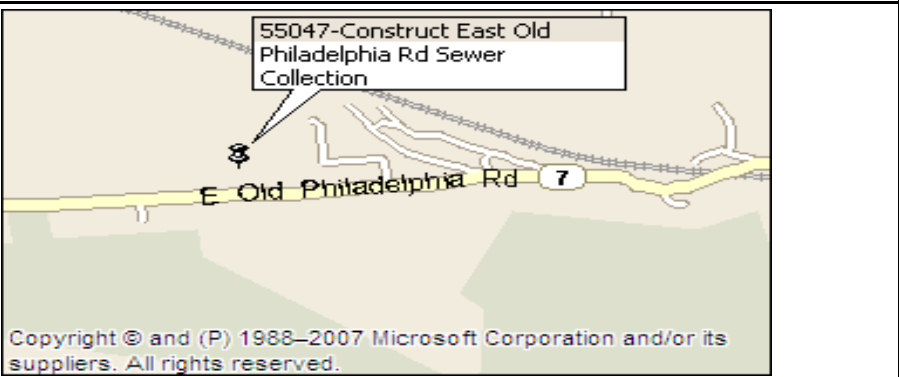
Project Title: Construct East Old Philadelphia Rd. Sewer Collect

Project Location: Elkton, MD

Project Description/Status: **Priority:** 18

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.

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	40,000	300,000	1,500,000	0	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	40,000	300,000	1,500,000	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 3/20/2017

Expended 0

Encumbered 0

Total 0

Project Form		Cecil County Capital Improvements Program 2018	
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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	0	350,000	3,500,000	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	0	350,000	3,500,000	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	3/20/2017
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 2018**

Agency/Department:
DPW-Waste Water

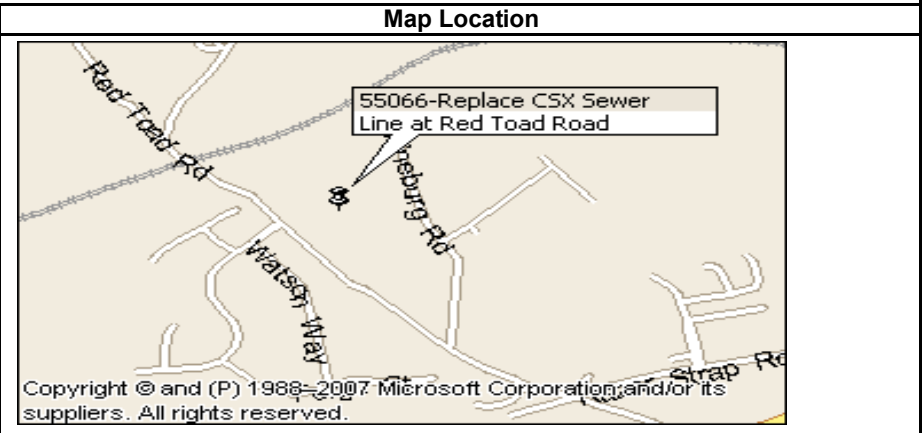
Project Number:
55066

Project Title:
Replace CSX Sewer Line at Red Toad Road

Project Location:
North East, MD

Project Description/Status: **Priority:** 20

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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	605,000	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	605,000	605,000							
State	0								
Federal	0								
Other	0								
Total Funds	605,000	605,000	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:			Financial Activity as of	
Estimated Annual Debt Service Cost:	0		Expended	3/20/2017 65,021
Annual Operating/Maintenance Cost:	0		Encumbered	6,773
New Positions (FTE's):	0.0		Total	<u><u>71,794</u></u>

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW-Waste Water

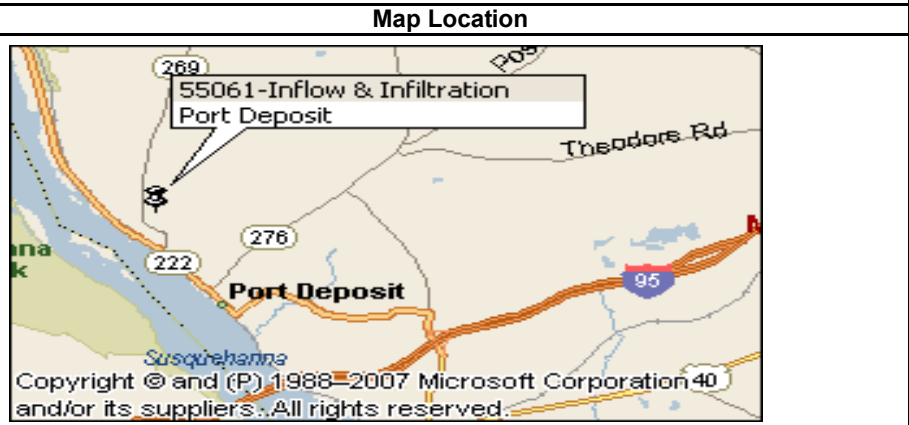
Project Number:
55061

Project Title:
Inflow & Infiltration-Port Deposit

Project Location:
Port Deposit

Project Description/Status: **Priority:** 21

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 reconstruct Rt222/mainstreet through 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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	125,000	125,000							
Land Acquisition	0								
Site Work	0								
Construction	1,075,000	1,075,000							
Equipment/Furnishings	0								
Other	0								
Total Cost	1,200,000	1,200,000	0	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	1,200,000	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 3/20/2017
 Expended 268,429
 Encumbered 388,904
Total 657,333

Project Form **Cecil County Capital Improvements Program 2018**

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

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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	200,000	200,000							
Land Acquisition	0								
Site Work	0								
Construction	0	0							
Equipment/Furnishings	0								
Other	0								
Total Cost	200,000	200,000	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	200,000	200,000							
County Bonds	0	0							
State	0								
Federal	0								
Other	0								
Total Funds	200,000	200,000	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 3/20/2017
 Expended 116,826
 Encumbered 1,008
Total 117,834

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW-Waste Water

Project Number:
55071

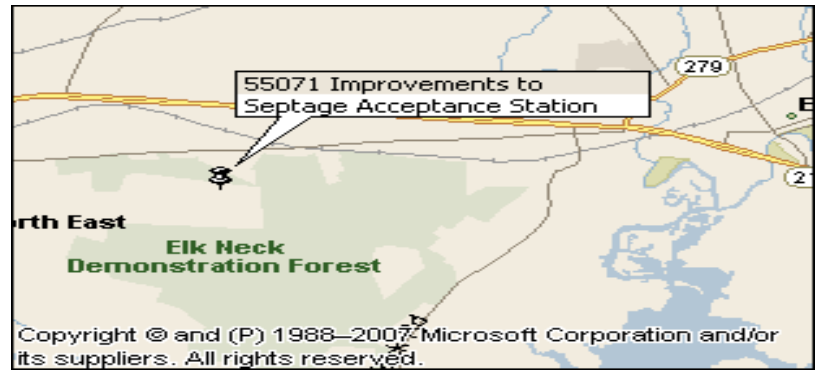
Project Title:
Improve Septage Acceptance Station

Project Location:
Central Landfill, Elkton, MD

Project Description/Status: **Priority:** 23

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

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	0	0	0	0	200,000

FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:			Financial Activity as of	3/20/2017
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 2018**

Agency/Department:
DPW-Waste Water

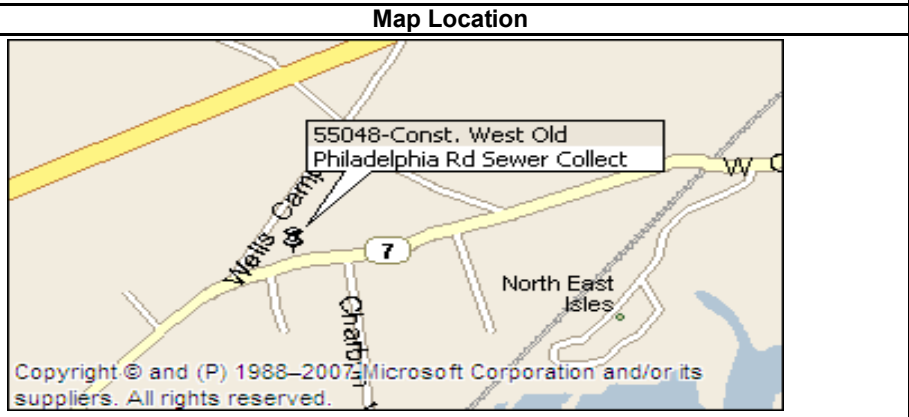
Project Number:
55048

Project Title: Construct West Old Philadelphia Rd. Sewer Collection System

Project Location: North East, MD

Project Description/Status: **Priority:** 24

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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	150,000						150,000		
Land Acquisition	0								
Site Work	850,000						850,000		
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	1,000,000	0	0	0	0	0	1,000,000	0	0

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	1,000,000	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 3/20/2017

Expended 0

Encumbered 0

Total 0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW-Waste Water

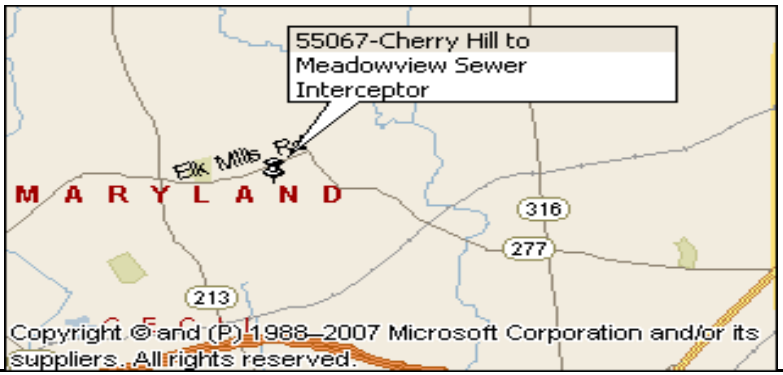
Project Number:
55067

Map Location

Project Title:
Construct Cherry Hill to Meadowview Sewer Intercept.

Project Location:
Cherry Hill/Meadowview, Elkton, MD

Project Description/Status: **Priority:** 25



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.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

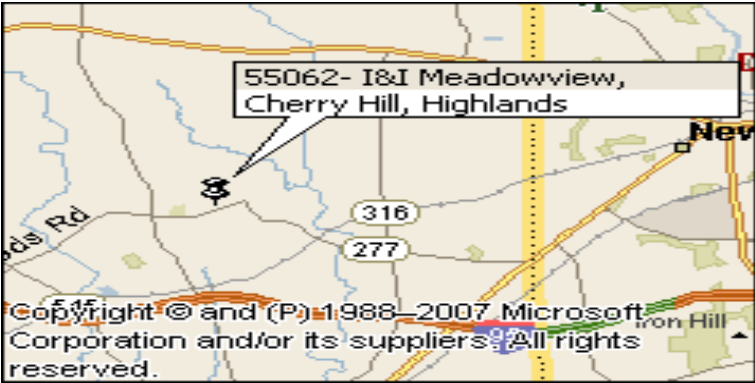
Financial Activity as of 3/20/2017
 Expended 0
 Encumbered 0
Total 0

Project Form		Cecil County Capital Improvements Program 2018	
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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3/20/2017
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 2018	
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>		Map Location 	

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	100,000	100,000							
Land Acquisition	0								
Site Work	0								
Construction	600,000	600,000							
Equipment/Furnishings	0								
Other	0								
Total Cost	700,000	700,000	0	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	700,000	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	3/20/2017
Estimated Annual Debt Service Cost:	0	Expended	162,058
Annual Operating/Maintenance Cost:	0	Encumbered	20,387
New Positions (FTE's):	0.0	Total	<u><u>182,445</u></u>

Project Form		Cecil County Capital Improvements Program 2018	
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>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	2,262,127	862,127					100,000		1,300,000
Land Acquisition	0								
Site Work	0								
Construction	24,000,000								24,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	26,262,127	862,127	0	0	0	0	100,000	0	25,300,000

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	26,262,127	862,127					100,000		25,300,000
State	0								
Federal	0								
Other	0								
Total Funds	26,262,127	862,127	0	0	0	0	100,000	0	25,300,000

OPERATING BUDGET IMPACT:		Financial Activity as of	3/20/2017
Estimated Annual Debt Service Cost:	0	Expended	862,127
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	862,127

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW-Waste Water

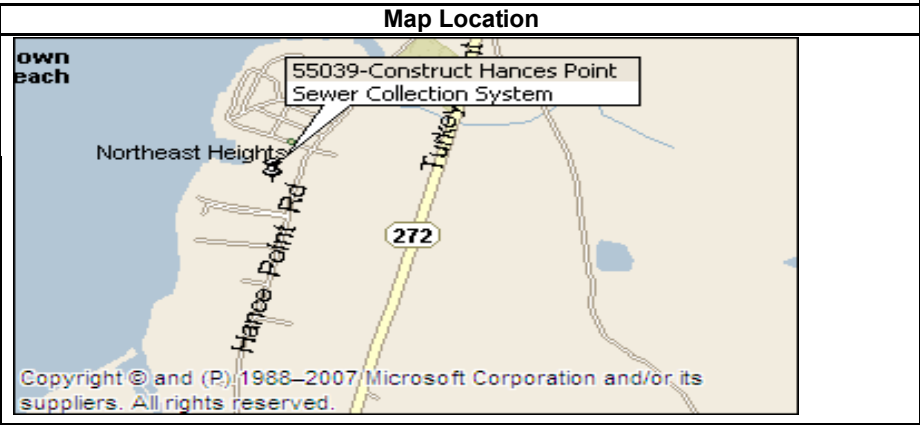
Project Number:
55039

Project Title:
Construct Hances Point Sewer Collect. System

Project Location:
Hances Point, North East

Project Description/Status: **Priority:** 29

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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	1,000,000					250,000	250,000		500,000
Land Acquisition	200,000								200,000
Site Work	250,000								250,000
Construction	9,200,000								9,200,000
Equipment/Furnishings	0								
Other	0								
Total Cost	10,650,000	0	0	0	0	250,000	250,000	0	10,150,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	6,350,000					250,000	250,000		5,850,000
State	4,300,000								4,300,000
Federal	0								
Other	0								
Total Funds	10,650,000	0	0	0	0	250,000	250,000	0	10,150,000

OPERATING BUDGET IMPACT:		Financial Activity as of	3/20/2017
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 2018**

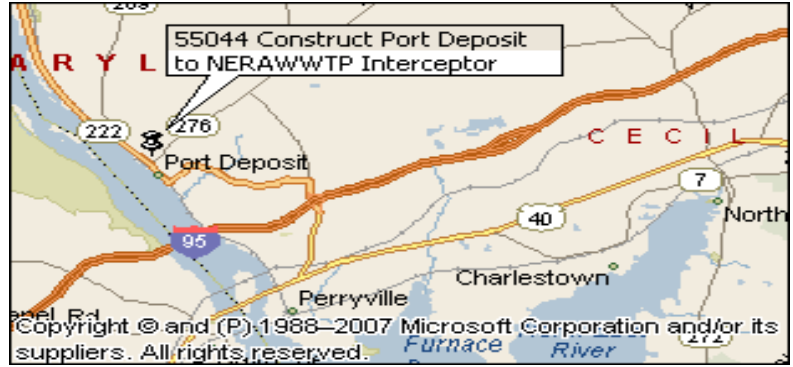
Agency/Department:
DPW-Waste Water

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

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.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	900,000								900,000
Land Acquisition	0								
Site Work	0								
Construction	13,000,000								13,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	13,900,000	0	0	0	0	0	0	0	13,900,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	900,000								900,000
State	13,000,000								13,000,000
Federal	0								
Other	0								
Total Funds	13,900,000	0	0	0	0	0	0	0	13,900,000

OPERATING BUDGET IMPACT:

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

Financial Activity as of 3/20/2017
 Expended 0
 Encumbered 0
 Total 0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW-Waste Water

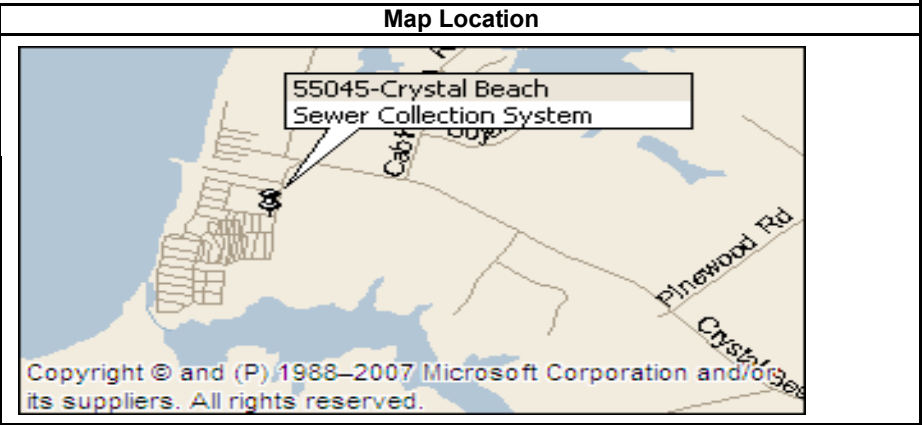
Project Number:
55045

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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	1,100,000								1,100,000
Land Acquisition	500,000								500,000
Site Work	500,000								500,000
Construction	12,000,000								12,000,000
Equipment/Furnishings	0								
Other	0								
Total Cost	14,100,000	0	0	0	0	0	0	0	14,100,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	8,100,000								8,100,000
State	6,000,000								6,000,000
Federal	0								
Other	0								
Total Funds	14,100,000	0	0	0	0	0	0	0	14,100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0

Annual Operating/Maintenance Cost: 0

New Positions (FTE's): 0.0

Financial Activity as of 3/20/2017

Expended 0

Encumbered 0

Total 0

Project Form **Cecil County Capital Improvements Program 2018**

Agency/Department:
DPW-Waste Water

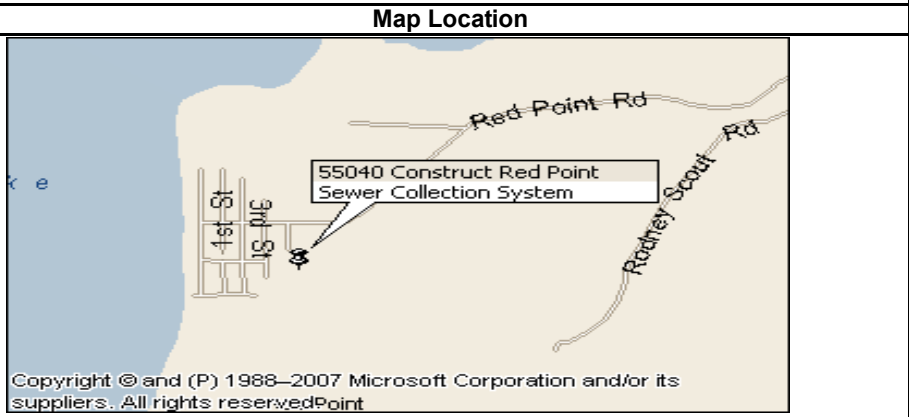
Project Number:
55040

Project Title:
Construct Red Point Sewer Collect. System

Project Location:
North East, MD

Project Description/Status: **Priority:** 32

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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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:

Estimated Annual Debt Service Cost: 0

Annual Operating/Maintenance Cost: 0

New Positions (FTE's): 0.0

Financial Activity as of 3/20/2017

Expended 0

Encumbered 0

Total 0

Project Form		Cecil County Capital Improvements Program 2018	
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>		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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	690,000			190,000					500,000
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	4,321,000	1,000	0	190,000	330,000	0	0	0	3,800,000

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	190,000	330,000	0	0	0	4,000,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	3/29/2017
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	0

Project Form		Cecil County Capital Improvements Program 2018	
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>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	50,000	500,000	0	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	50,000	500,000	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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2018	
Agency/Department: DPW-Solid Waste		Project Number: 53023	
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. Phase 5 is planned for construction in FY19, approximately \$250,000 currently remains in project from phase 4 and \$154,000 additional funding is being transferred from project 53019, which has been completed.</p>			
<p style="text-align: right;">Map Location</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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Design/Engineering	100,000	100,000							
Land Acquisition	0								
Site Work	0								
Construction	800,000	700,000		100,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	900,000	800,000	0	100,000	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	900,000	800,000		100,000					
State	0								
Federal	0								
Other	0								
Total Funds	900,000	800,000	0	100,000	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	3/29/2017
Expended	549,793
Encumbered	0
Total	549,793

Project Form		Cecil County Capital Improvements Program 2018	
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>		<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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	500,000	2,800,000	0	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	500,000	2,800,000	0	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	11/21/2016
Expended	1,465,316
Encumbered	0
Total	1,465,316

Project Form		Cecil County Capital Improvements Program 2018	
Agency/Department: DPW-Solid Waste	Project Number: 53026	Map Location	
Project Title: Upgrade Landfill Entrance Road	Project Location: Central Landfill		
Project Description/Status:	Priority: 5		
<p>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.</p>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

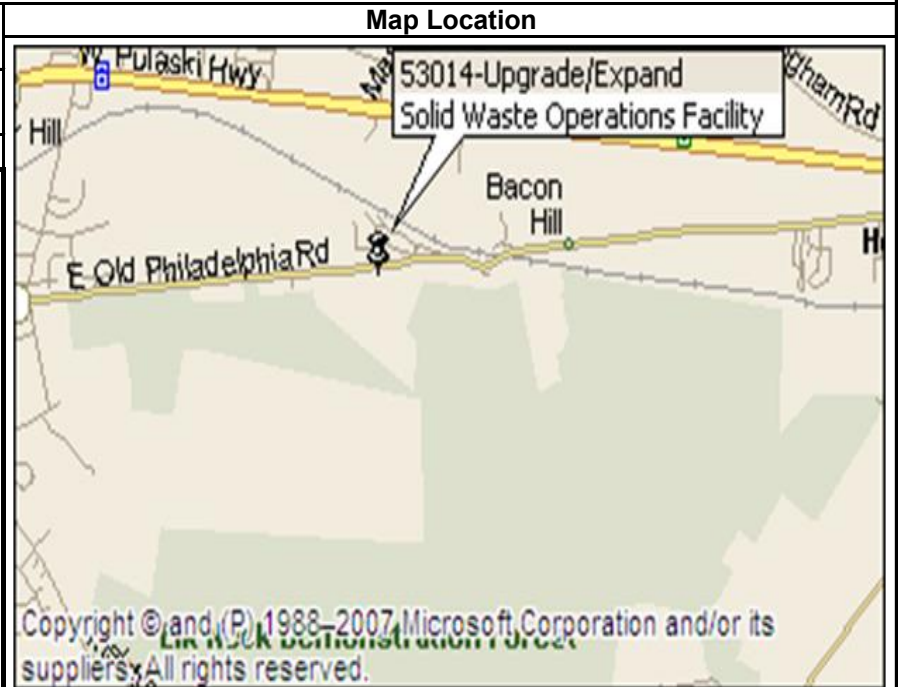
OPERATING BUDGET IMPACT:

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

Financial Activity as of	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2018**

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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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

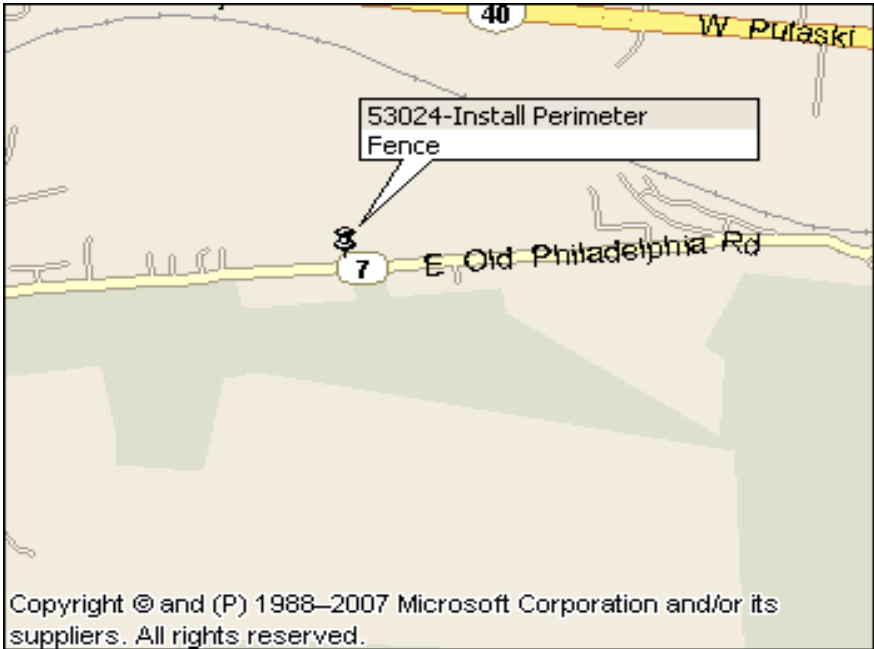
FUNDING SCHEDULE

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	3/29/2017
Expended	173,355
Encumbered	0
Total	173,355

Project Form		Cecil County Capital Improvements Program 2018	
Agency/Department: DPW-Solid Waste	Project Number: 53024	Map Location	
Project Title: Install Perimeter Fence	Project Location: Central Landfill		
Project Description/Status: Priority: 7			
<p>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.</p>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3/29/2017
Expended	0
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2018	
Agency/Department: DPW-Solid Waste		Project Number: 53020	
Project Title: Construct Landfill Waste Receiving Station		Project Location: Central Landfill	
Project Description/Status:		Priority: 8	
<p>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.</p>			
		Map Location	
			
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EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3/29/2017
Expended	0
Encumbered	0
Total	<u>0</u>

Project Form		Cecil County Capital Improvements Program 2018	
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 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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		Financial Activity as of	3/29/2017
Annual Operating/Maintenance Cost:	0		Expended	0
New Positions (FTE's):	0.0		Encumbered	0
			Total	0

Project Form		Cecil County Capital Improvements Program 2018	
Agency/Department: DPW-Solid Waste	Project Number: 53019	Map Location	
Project Title: Central Landfill Stormwater Management	Project Location: Central Landfill		
Project Description/Status: <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. Remaining balance is being transferred to project 53023 and this project closed.</p>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2018	Five Year Capital Program					Balance to Complete
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
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	3/29/2017
Expended	2,738,929
Encumbered	0
Total	<u>2,738,929</u>