

CECIL COUNTY, MARYLAND

2020

**CAPITAL IMPROVEMENT PROGRAM
APPROVED
JUNE 4, 2019**



DR. ALAN MCCARTHY, COUNTY EXECUTIVE

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SUMMARY
CECIL COUNTY, MARYLAND
FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN

(\$ in thousands)	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS								
Governmental Projects								
Cecil County Public Schools	\$ 8,000	\$12,999	\$ 9,998	\$ 1,750	\$ -	\$ 32,747	\$ 33,133	\$ 65,880
Cecil College	1,728	8,555	6,381	4,606	11,654	32,924	2,903	35,827
Cecil County Public Library	8,265	3,688	1,235	-	-	13,188	10,302	23,490
Emergency Services	-	200	1,600	200	1,500	3,500	9,555	13,055
Roads and Bridges	9,705	1,675	5,285	5,650	14,700	37,015	22,932	59,947
Parks and Recreation	5,565	3,025	1,231	1,245	-	11,066	11,828	22,894
Facilities Management	-	-	-	-	-	-	-	-
Courthouse	750	50	300	-	-	1,100	750	1,850
Sheriff's Office	-	50	918	-	-	968	863	1,831
Community Services	-	-	-	-	-	-	155	155
Information Technology	-	-	-	-	-	-	1,732	1,732
Total Governmental	34,013	30,242	26,948	13,451	27,854	132,508	94,153	226,661
Enterprise Fund Projects								
Wastewater	11,400	8,500	2,500	7,300	7,900	37,600	78,702	116,302
Solid Waste	-	-	300	4,300	200	4,800	2,645	7,445
Total Other Funds	11,400	8,500	2,800	11,600	8,100	42,400	81,347	123,747
Total All Projects	\$45,413	\$38,742	\$29,748	\$25,051	\$35,954	\$174,908	\$175,500	\$ 350,408
FINANCING SOURCES								
Governmental Projects								
General Obligation Bond Proceeds	\$19,794	\$19,855	\$16,903	\$ 9,826	\$18,064	\$ 84,442	\$ 64,305	\$ 148,747
General Fund Operating Transfer	-	-	-	-	-	-	4,014	4,014
General Fund - Fund Balance Appropriation	-	-	-	-	-	-	-	-
Total County Funding	19,794	19,855	16,903	9,826	18,064	84,442	68,319	152,761
Federal	7,750	-	640	1,140	3,120	12,650	1,640	14,290
State	5,940	10,387	9,367	2,485	6,670	34,849	22,159	57,008
Other - VLT - Developer Contribution	529	-	38	-	-	567	2,035	2,602
Total Governmental	34,013	30,242	26,948	13,451	27,854	132,508	94,153	226,661
Enterprise Fund Projects								
Wastewater Bond Proceeds	9,400	8,500	1,000	7,300	7,900	34,100	29,096	63,196
Wastewater - Fund Balance Appropriation	-	-	-	-	-	-	1,300	1,300
Wastewater - Other	2,000	-	1,500	-	-	3,500	48,306	51,806
Solid Waste Bond Proceeds	-	-	300	4,300	200	4,800	2,645	7,445
Solid Waste - Fund Balance Appropriation	-	-	-	-	-	-	-	-
Solid Waste - Other	-	-	-	-	-	-	-	-
Total Other Funds	11,400	8,500	2,800	11,600	8,100	42,400	81,347	123,747
Total All Projects	\$45,413	\$38,742	\$29,748	\$25,051	\$35,954	\$174,908	\$175,500	\$ 350,408

**CECIL COUNTY PUBLIC SCHOOLS
CECIL COUNTY, MARYLAND
FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Governmental Projects									
Gilpin Manor Elementary Replacement	71251	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,725	\$ 24,725
New Chesapeake City Elementary	71261	8,000	10,500	8,498	-	-	26,998	2,900	29,898
Bo Manor Middle/High School Interior Waterline	71556	-	-	-	-	-	-	179	179
Perryville High School Boiler Repl.	71263	-	-	-	-	-	-	885	885
Bo Manor Middle/High School Roof Repl.	71264	-	-	-	-	-	-	2,439	2,439
Conowingo Elementary School Boiler Repl.	71265	-	-	-	-	-	-	310	310
Providence School Roof Repl.	71266	-	-	-	-	-	-	344	344
Rising Sun Elem. School Boiler Repl.	71267	-	-	-	-	-	-	497	497
Cecil Manor Elementary School HVAC		-	2,499	-	-	-	2,499	-	2,499
North East Middle School Add/Renovation		-	-	-	1,750	-	1,750	-	1,750
Thomson Estates Elementary Renovation		-	-	-	-	-	-	-	-
Kenmore Elementary School Add/Ren		-	-	-	-	-	-	-	-
Cherry Hill Middle Doors and Windows		-	-	-	-	-	-	854	854
Perryville High School Field House		-	-	1,500	-	-	1,500	-	1,500
Total Cecil County Public Schools		\$ 8,000	\$ 12,999	\$ 9,998	\$ 1,750	\$ -	\$ 32,747	\$ 33,133	\$ 65,880
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$ 4,000	\$ 6,850	\$ 5,540	\$ 1,750	\$ -	\$ 18,140	17,694	\$ 35,834
General Fund Operating Transfer		-	-	-	-	-	-	79	79
General Fund - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Total County Funding		4,000	6,850	5,540	1,750	-	18,140	17,773	35,913
Federal		-	-	-	-	-	-	-	-
State		4,000	6,149	4,458	-	-	14,607	15,360	29,967
Other		-	-	-	-	-	-	-	-
Total Cecil County Public Schools		\$ 8,000	\$ 12,999	\$ 9,998	\$ 1,750	\$ -	\$ 32,747	\$ 33,133	\$ 65,880

CECIL COLLEGE
CECIL COUNTY, MARYLAND
FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN

(\$ in thousands)	Project Number	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Governmental Projects									
Mechanical Infrastructure Replacements	70032	\$ 1,728	\$ 500	\$ 513	\$ 525	\$ 538	\$ 3,804	\$ 2,903	\$ 6,707
Campus Entrance and Facilities Building		-	8,055	5,868	-	-	13,923	-	13,923
College Center		-	-	-	4,081	11,116	15,197	-	15,197
Renovations of Vacated Building Space		-	-	-	-	-	-	-	-
Total Cecil College		1,728	8,555	6,381	4,606	11,654	32,924	2,903	35,827
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		1,728	4,317	2,213	2,121	4,984	15,363	2,903	18,266
General Fund Operating Transfer		-	-	-	-	-	-	-	-
General Fund - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Total County Funding		1,728	4,317	2,213	2,121	4,984	15,363	2,903	18,266
Federal		-	-	-	-	-	-	-	-
State		-	4,238	4,168	2,485	6,670	17,561	-	17,561
Other		-	-	-	-	-	-	-	-
Total Cecil College		\$ 1,728	\$ 8,555	\$ 6,381	\$ 4,606	\$ 11,654	\$ 32,924	\$ 2,903	\$ 35,827

**CECIL COUNTY PUBLIC LIBRARY
CECIL COUNTY, MARYLAND
FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Governmental Projects									
North East Branch Library	72018	\$ 8,265	\$ 3,628	\$ -	\$ -	\$ -	\$ 11,893	\$ 10,302	\$ 22,195
Elkton Branch Conversion of Space		-	60	1,235	-	-	1,295	-	1,295
Total Cecil Libraries		\$ 8,265	\$ 3,688	\$ 1,235	\$ -	\$ -	\$ 13,188	\$ 10,302	\$ 23,490
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		\$ 6,925	\$ 3,688	\$ 456	\$ -	\$ -	\$ 11,069	\$ 6,928	\$ 17,997
General Fund Operating Transfer		-	-	-	-	-	-	586	586
General Fund - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Total County Funding		6,925	3,688	456	-	-	11,069	7,514	18,583
Federal		-	-	-	-	-	-	-	-
State		1,000	-	741	-	-	1,741	2,588	4,329
Other - VLT		340	-	38	-	-	378	200	578
Total Cecil Libraries		\$ 8,265	\$ 3,688	\$ 1,235	\$ -	\$ -	\$ 13,188	\$ 10,302	\$ 23,490

**EMERGENCY SERVICES
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
 FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	<i>FY 2020</i>	<i>FY 2021</i>	<i>FY 2022</i>	<i>FY 2023</i>	<i>FY 2024</i>	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Governmental Projects									
P25 Dispatch Migration - Dispatch/911	50050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,300	\$ 2,300
P25 Dispatch Migration - Towers	50050	-	-	-	-	-	-	5,265	5,265
P25 Dispatch Migration - Units	50050	-	-	-	-	-	-	1,990	1,990
Cecil College Paramedic Station #4		-	200	1,600	-	-	1,800	-	1,800
Fair Hill Station Construction		-	-	-	200	1,500	1,700	-	1,700
Total Emergency Services		-	200	1,600	200	1,500	3,500	9,555	13,055
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		-	200	1,600	200	1,500	3,500	9,555	13,055
General Fund Operating Transfer		-	-	-	-	-	-	-	-
General Fund - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Total County Funding		-	200	1,600	200	1,500	3,500	9,555	13,055
Federal		-	-	-	-	-	-	-	-
State		-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-
Total Emergency Services		\$ -	\$ 200	\$ 1,600	\$ 200	\$ 1,500	\$ 3,500	\$ 9,555	\$ 13,055

**ROADS AND BRIDGES
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
 FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Governmental Projects									
Replacement of Bridge CE-0072 Razor Strap Road over Stony Run	52080	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,875	\$ 2,875
Razor Strap Road Improvements Phases I & II	52223	-	-	-	-	-	-	3,021	3,021
Racine School Road Improvements	52019	-	-	-	-	-	-	2,901	2,901
Replace Bohemia Church Road Culverts (3)	52692	-	-	-	-	-	-	1,625	1,625
Lums Road Street Improvements (Bouchelle Road to Little NE Creek)	52213	-	-	2,600	-	-	2,600	1,800	4,400
Oldfield Point Road Improvements (Old Chestnut to Old Ferry)	52594	-	-	1,125	2,300	6,800	10,225	4,689	14,914
Painting of Various County Bridges	52701	-	-	-	-	-	-	780	780
Replacement of Bridge CE-0042 Mechanics Valley Road over CSX	52634	8,600	-	-	-	-	8,600	2,225	10,825
Upgrade Nottingham Roads Facility	52637	-	-	-	-	-	-	1,762	1,762
Replace Central Yard Fuel Point Tank	52702	550	-	-	-	-	550	40	590
Rehabilitation of Bridge CE-0096 Bethel Church Road over Stony Run	52645	555	-	-	-	-	555	312	867
Rehabilitate Bridge CE-0104 Iron Hill Road over Amtrak	52676	-	-	50	375	-	425	-	425
Rehabilitate Bridge CE-0101 Mechanic's Valley Road over Amtrak	52677	-	-	50	375	-	425	-	425
Rehabilitate Bridge CE-0102 Old Elk Neck Road over Amtrak	52697	-	-	50	375	-	425	-	425
Belle Hill Road and Appleton Road Intersection Improvements	52700	-	250	360	850	-	1,460	-	1,460
I-95 and Belvidere Road Interchange	52704	-	1,000	-	-	-	1,000	-	1,000
Replace Belvidere Road Culvert	52707	-	-	-	-	-	-	625	625
Belvidere Road Improvements Phase I	52705	-	425	-	275	1,300	2,000	150	2,150
Belvidere Road Improvements Phase II	52705	-	-	-	450	275	725	-	725
Replacement of Bridge CE-0055 Belvidere Road over CSX	52657	-	-	800	300	3,900	5,000	-	5,000
Old Elk Neck/Crestwood Roads Intersection Improvements	52643	-	-	250	150	850	1,250	-	1,250
Chesapeake City Salt Storage Facility	52021	-	-	-	-	-	-	27	27
Replacement of Bridge CE0060, Wheatley Road over West Branch	52695	-	-	-	-	300	300	-	300
Replace Elk Mills Road Culverts	52686	-	-	-	200	100	300	-	300
New Central Garage Facility	52694	-	-	-	-	-	-	-	-
Replace Central Salt Storage Facility	52706	-	-	-	-	-	-	-	-
Upgrade Roads Central Yard Facilities	52693	-	-	-	-	-	-	-	-
Theodore Road Street Improvements (Rt. 274 to Ebenezer Church Rd)	52025	-	-	-	-	900	900	-	900
Replacement of Bridge CE-0100 Old Telegraph Road over Sandy Branch	52659	-	-	-	-	275	275	-	275
Replacement of Bridge CE-0112 Liberty Grove Rd over Rock Run Creek	52648	-	-	-	-	-	-	-	-
Replacement of Bridge CE-0047 Dr. Jack Rd over Abandoned Railroad	52658	-	-	-	-	-	-	-	-
Oldfield Point Road at Jones Chapel Road Intersection Improvements	52652	-	-	-	-	-	-	-	-
Old Elk Neck Road at Irishtown Road Intersection Improvements	52650	-	-	-	-	-	-	-	-
Intersection Improvements - Leeds, Union Valley & North Simpers Road	52666	-	-	-	-	-	-	-	-
Intersection Improvements - Shady Beach Road at Old Elk Neck Road	52667	-	-	-	-	-	-	-	-
Intersection Improvements - Union Church, Nottingham & Stevenson Rds.	52668	-	-	-	-	-	-	-	-
Dr. Jack Road at Frist Road Intersection Improvements	52651	-	-	-	-	-	-	-	-
Replacement of Bridge CE-0082 Slicers Mill Road over Stone Run	52653	-	-	-	-	-	-	-	-
Rehabilitation of Bridge CE-0081 Ragan Road Octoraro Creek	52660	-	-	-	-	-	-	-	-
Replacement of Bridge CE-0024 Providence Road over Little Elk Creek	52654	-	-	-	-	-	-	-	-
Black Snake Road Embankment Rehabilitation	52698	-	-	-	-	-	-	-	-
Offsite Wetland Mitigation Projects	52699	-	-	-	-	-	-	-	-
Realignment of Muddy Lane Underpass of AMTRAK	52690	-	-	-	-	-	-	100	100

**ROADS AND BRIDGES
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
 FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
Construct River Road Drainage Improvements	52672	-	-	-	-	-	-	-	-
Construct Meadowview Subdivision Street Improvements	52674	-	-	-	-	-	-	-	-
Construct Frenchtown Road Drainage Improvements	52683	-	-	-	-	-	-	-	-
Replace Pearl Street Culvert (Mason Runn/Reynolds Avenue)	52696	-	-	-	-	-	-	-	-
Replacement of Bridge CE0073 Rolling Mill Road over Northeast Creek	52646	-	-	-	-	-	-	-	-
Rehabilitation of Bridge CE-0068 Zeitler Road over Little Elk Creek	52647	-	-	-	-	-	-	-	-
Total Roads and Bridges		9,705	1,675	5,285	5,650	14,700	37,015	22,932	59,947
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		1,955	1,675	4,645	4,510	11,580	24,365	17,318	41,683
General Fund Operating Transfer		-	-	-	-	-	-	3,274	3,274
General Fund - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Total County Funding		1,955	1,675	4,645	4,510	11,580	24,365	20,592	44,957
Federal		7,750	-	640	1,140	3,120	12,650	1,440	14,090
State		-	-	-	-	-	-	-	-
Other - VLT, Developer Contribution		-	-	-	-	-	-	900	900
Total Roads and Bridges		\$ 9,705	\$ 1,675	\$ 5,285	\$ 5,650	\$ 14,700	\$ 37,015	\$ 22,932	\$ 59,947

**PARKS AND RECREATION
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
 FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Governmental Projects									
Calvert Regional Park - Development	56015	\$ 3,000	\$ 2,900	\$ -	\$ -	\$ -	\$ 5,900	\$ 7,340	\$ 13,240
Bo Manor Synthetic Turf - Development	56019	-	-	-	-	-	-	1,121	1,121
Bittersweet Development	56020	125	125	125	125	-	500	1,361	1,861
North East Synthetic Turf - Development		1,500	-	-	-	-	1,500	-	1,500
Rising Sun Synthetic Turf - Development		-	-	1,106	-	-	1,106	-	1,106
Elkton Synthetic Turf - Development		-	-	-	1,120	-	1,120	-	1,120
Elk River - Dredged Material Placement	56017	940	-	-	-	-	940	2,006	2,946
Total Parks and Recreation		5,565	3,025	1,231	1,245	-	11,066	11,828	22,894
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		4,436	3,025	1,231	1,245	-	9,937	6,482	16,419
General Fund Operating Transfer		-	-	-	-	-	-	-	-
General Fund - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Total County Funding		4,436	3,025	1,231	1,245	-	9,937	6,482	16,419
Federal							-	200	200
State		940	-	-	-	-	940	4,211	5,151
Other - VLT		189	-	-	-	-	189	935	1,124
Total Parks and Recreation		\$ 5,565	\$ 3,025	\$ 1,231	\$ 1,245	\$ -	\$ 11,066	\$ 11,828	\$ 22,894

**FACILITIES MANAGEMENT
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
 FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	<i>FY 2020</i>	<i>FY 2021</i>	<i>FY 2022</i>	<i>FY 2023</i>	<i>FY 2024</i>	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Governmental Projects									
Health Department Parking Lot & Curbing		-	-	-	-	-	-	-	-
Total Facilities Management		-	-	-	-	-	-	-	-
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		-	-	-	-	-	-	-	-
General Fund Operating Transfer		-	-	-	-	-	-	-	-
General Fund - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Total County Funding		-	-	-	-	-	-	-	-
Federal		-	-	-	-	-	-	-	-
State		-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-
Total Facilities Management		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**COURTHOUSE
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
 FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	<i>FY 2020</i>	<i>FY 2021</i>	<i>FY 2022</i>	<i>FY 2023</i>	<i>FY 2024</i>	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Governmental Projects									
Courthouse Holding Cell Revocations	58041	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750	\$ 750
Courthouse Courtroom #3 Renovation		750	-	-	-	-	750	-	750
Renovate Cecil County Courthouse		-	-	-	-	-	-	-	-
Resurface Courthouse Parking Lot		-	50	300	-	-	350	-	350
Relocate State's Attorneys' Office & Others		-	-	-	-	-	-	-	-
Total Facilities Management		750	50	300	-	-	1,100	750	1,850
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		750	50	300	-	-	1,100	750	1,850
General Fund Operating Transfer		-	-	-	-	-	-	-	-
General Fund - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Total County Funding		750	50	300	-	-	1,100	750	1,850
Federal		-	-	-	-	-	-	-	-
State		-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-
Total Facilities Management		\$ 750	\$ 50	\$ 300	\$ -	\$ -	\$ 1,100	\$ 750	\$ 1,850

**SHERIFF'S OFFICE
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
 FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	<i>FY 2020</i>	<i>FY 2021</i>	<i>FY 2022</i>	<i>FY 2023</i>	<i>FY 2024</i>	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Governmental Projects									
Retrofit Additional Space Sheriff's Office Ph 1 & 2	58042	\$ -	\$ 50	\$ 918	\$ -	\$ -	\$ 968	\$ 863	\$ 1,831
Renovate Sheriff's Office Headquarters		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
Total Facilities Management		-	50	918	-	-	968	863	1,831
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		-	50	918	-	-	968	863	1,831
General Fund Operating Transfer		-	-	-	-	-	-	-	-
General Fund - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Total County Funding		-	50	918	-	-	968	863	1,831
Federal		-	-	-	-	-	-	-	-
State		-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-
Total Facilities Management		\$ -	\$ 50	\$ 918	\$ -	\$ -	\$ 968	\$ 863	\$ 1,831

**COMMUNITY SERVICES
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
 FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Governmental Projects									
CC Animal Services Security Fence & Asphalt		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 155	\$ 155
MidCounty Transit Hub		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
Total Facilities Management		-	-	-	-	-	-	155	155
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		-	-	-	-	-	-	155	155
General Fund Operating Transfer		-	-	-	-	-	-	-	-
General Fund - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Total County Funding		-	-	-	-	-	-	155	155
Federal		-	-	-	-	-	-	-	-
State		-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-
Total Facilities Management		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 155	\$ 155

**INFORMATION TECHNOLOGY
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
 FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

<i>(\$ in thousands)</i>	<i>Project Number</i>	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Governmental Projects									
BTOP - Broadband Initiative	61002	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 832	\$ 832
Permitting System	61003	-	-	-	-	-	-	900	900
Total Information Technology		-	-	-	-	-	-	1,732	1,732
FINANCING SOURCES									
Governmental Projects									
General Obligation Bond Proceeds		-	-	-	-	-	-	1,657	1,657
General Fund Operating Transfer		-	-	-	-	-	-	75	75
General Fund - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Total County Funding		-	-	-	-	-	-	1,732	1,732
Federal		-	-	-	-	-	-	-	-
State		-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-
Total Facilities Management		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,732	\$ 1,732

**WASTEWATER
CECIL COUNTY, MARYLAND
FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

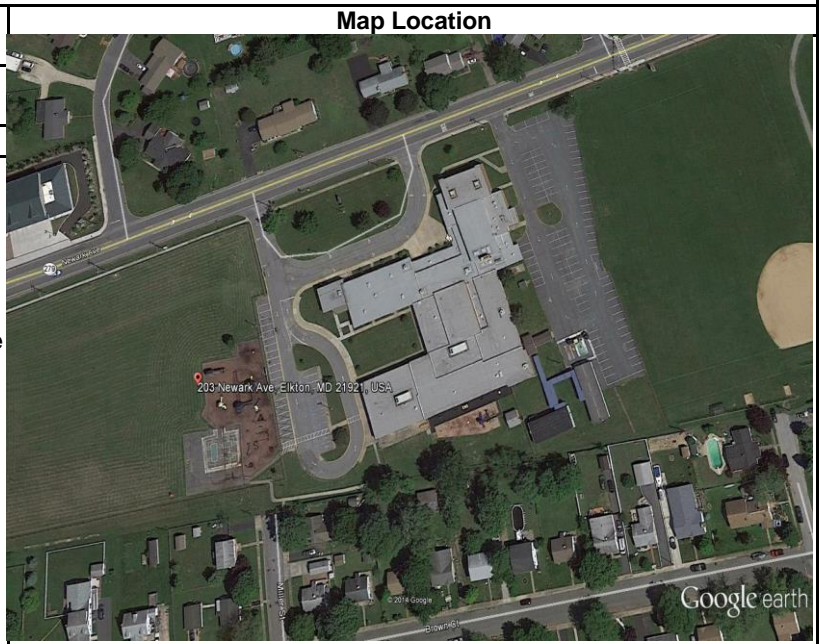
(\$ in thousands)	Project Number	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Enterprise Fund Projects									
Replace Port Deposit WWTP	55069	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,737	\$ 8,737
Construct Elkton West Sant. Sewer SD	55064	9,000	3,500	2,500	7,000	4,500	26,500	11,007	37,507
Replace Harbour View WWTP	55053	-	-	-	-	-	-	8,182	8,182
Construct CECO to Cherry Hill Connection	55070	2,000	-	-	-	-	2,000	2,850	4,850
Construct Rt. 40 West Sanitary Sewer	55031	-	3,700	-	-	-	3,700	2,130	5,830
Construct Holloway Beach Sewer	55041	-	-	-	-	-	-	350	350
Upgrade Two Existing Port Deposit PS	55055	-	-	-	-	-	-	125	125
Construct Rock Run Road Sewer Ext.	55057	-	-	-	-	-	-	-	-
Expand Rte 40 Interceptor	55072	-	-	-	200	2,500	2,700	-	2,700
Expand Meadowview WWTP	55033	-	-	-	-	-	-	-	-
Upgrade Mechanics Valley Rd. Pump Stat	55059	-	-	-	-	-	-	-	-
Construct E. Old Phila. Rd. Sewer CS	55047	-	-	-	-	-	-	-	-
Construct Effluent Reuse Pipeline	55036	-	-	-	-	-	-	-	-
Expand NERAWWTP	55021	-	-	-	100	500	600	862	1,462
Improve Septage Acceptance Station	55071	-	-	-	-	-	-	-	-
Construct W. Old Phila. Rd. Sewer CS	55048	-	-	-	-	-	-	-	-
Cherry Hill to Meadowview Sewer Intercept	55067	-	-	-	-	-	-	-	-
Construct Rt. 40 -Principio West Sewer	55054	-	-	-	-	-	-	-	-
I/I - Meadowview, Cherry Hill, Highlands	55062	-	-	-	-	-	-	1,052	1,052
Construct Hances Point Sewer Collection	55039	-	-	-	-	-	-	-	-
Construct Crystal Beach Sewer CS	55045	-	-	-	-	-	-	-	-
Construct Red Point Sewer Collection Sys.	55040	-	-	-	-	-	-	-	-
Upgrade NERAWWTP	55051	-	-	-	-	-	-	36,440	36,440
Replace CSX Sewer Line @ Red Toad Rd	55066	-	-	-	-	-	-	605	605
Construct Port Deposit to NERAWWTP Int.	55044	-	-	-	-	-	-	-	-
I/I - Port Deposit	55061	-	-	-	-	-	-	961	961
Washington Street PS Upgrades Ph. II	55029	-	-	-	-	-	-	577	577
Construct Highlands Interceptor Sewer	55052	-	-	-	-	-	-	4,824	4,824
Repair Washington St Forcemain-Air Release	55076	200	500	-	-	-	700	-	700
Bayview Interceptor Sewer Repair	55074	200	800	-	-	-	1,000	-	1,000
Expand Washington St Forcemain	55073	-	-	-	-	250	250	-	250
Upgrade of North East Harbors LP System	55075	-	-	-	-	150	150	-	150
Total Wastewater Enterprise Fund		11,400	8,500	2,500	7,300	7,900	37,600	78,702	116,302
FINANCE SOURCES									
Enterprise Fund Projects									
Wastewater Bond Proceeds		9,400	8,500	1,000	7,300	7,900	34,100	29,096	63,196
Wastewater - Fund Balance Appropriation		-	-	-	-	-	-	1,300	1,300
Wastewater - Other		2,000	-	1,500	-	-	3,500	48,306	51,806
Total Wastewater Enterprise Fund		\$ 11,400	\$ 8,500	\$ 2,500	\$ 7,300	\$ 7,900	\$ 37,600	\$ 78,702	\$ 116,302

**SOLID WASTE
 CECIL COUNTY, MARYLAND
 FISCAL YEAR 2020 APPROVED CAPITAL PROJECT BUDGET
 FY2020 - FY2024 CAPITAL IMPROVEMENT PLAN**

(\$ in thousands)	Project Number	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	5-Year Total '20-'24	PRIOR APPROP. thru FY19	PROJECT TOTAL thru FY24
CAPITAL COSTS									
Enterprise Fund Projects									
Expand LFG Collection Control System	53023	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 954	\$ 954
Construct Horizontal Expansion	53029	-	-	300	4,300	-	4,600	1,517	6,117
Upgrade/Expand Operations Facilities	53014	-	-	-	-	-	-	173	173
Construct Landfill Gas to Energy Facility	53021	-	-	-	-	-	-	1	1
Construct Landfill Final Cover Area A	53033	-	-	-	-	200	200	-	200
Install Perimeter Fencing	53024	-	-	-	-	-	-	-	-
Construct Landfill Waste Receiving Station	53020	-	-	-	-	-	-	-	-
Construct Southern Regional Xfr Station	53012	-	-	-	-	-	-	-	-
Total Solid Waste Enterprise Fund		-	-	300	4,300	200	4,800	2,645	7,445
FINANCING SOURCES									
Enterprise Fund Projects									
Solid Waste Bond Proceeds		-	-	300	4,300	200	4,800	2,645	7,445
Solid Waste - Fund Balance Appropriation		-	-	-	-	-	-	-	-
Solid Waste - Other		-	-	-	-	-	-	-	-
Total Solid Waste Enterprise Fund		\$ -	\$ -	\$ 300	\$ 4,300	\$ 200	\$ 4,800	\$ 2,645	\$ 7,445

Project Form **Cecil County Capital Improvements Program 2020**

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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,500	1,500							
Land Acquisition	0								
Site Work	3,513	3,513							
Construction	17,625	17,625							
Equipment/Furnishings	1,000	1,000							
Other	1,087	1,087							
Total Cost	24,725	24,725	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	79	79							
County Bonds	12,774	12,774							
State	11,872	11,872							
Federal	0								
Other	0								
Total Funds	24,725	24,725	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	6/21/2019
Expended	8,746
Encumbered	-
Total	<u><u>8,746</u></u>

Project Form **Cecil County Capital Improvements Program 2020**

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 IAQ issues. Studies are being conducted to determine other possible building locations in the area where water & sewer are available. It is intended to build a new replacement school on a less restrictive site.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,260		630	630					
Land Acquisition	900	900							
Site Work	4,570		1,370	3,200					
Construction	19,968	2,000	6,000	5,670	6,298				
Equipment/Furnishings	1,200				1,200				
Other	2,000		0	1,000	1,000				
Total Cost	29,898	2,900	8,000	10,500	8,498	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	16,940	2,900	4,000	6,000	4,040				
State	12,958		4,000	4,500	4,458				
Federal	0								
Other	0								
Total Funds	29,898	2,900	8,000	10,500	8,498	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	6/21/2019
Expended	711
Encumbered	-
Total	<u>711</u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: Cecil County Public Schools	Project Number:
Project Title: Perryville High Field House	Project Location:
Project Description/Status:	
Priority:	

Perryville High is the only high school out of the five located in Cecil County that does not have a field house, otherwise known as a support services building. The standard field house supports the physical education program but also many sports programs that are after-school related. A field house would allow for the appropriate locker rooms for home and away teams, storage for equipment, and supporting rest rooms for the public during an event. The field house was not constructed during the original building construction in 1978. The building construction would be a simple rectangle with a sloped roof and concrete slab placed on the site in an accessible location.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	0	0	0						
Land Acquisition	0	0	0						
Site Work	0	0	0						
Construction	1,500	0	0		1,500				
Equipment/Furnishings	0	0	0						
Other	0	0	0						
Total Cost	1,500	0	0	0	1,500	0	0	0	0

FUNDING SCHEDULE

County Paygo	0	0	0						
County Bonds	1,500	0	0		1,500				
State	0	0	0						
Federal	0	0	0						
Other	0	0	0						
Total Funds	1,500	0	0	0	1,500	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0		Financial Activity as of	6/21/2019
Annual Operating/Maintenance Cost:	0		Expended	0
New Positions (FTE's):	0.0		Encumbered	0
			Total	0

Project Form **Cecil County Capital Improvements Program 2019**

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 interior water line at Bohemia Manor High School is in need of replacement. It was installed when the school was built in 1958. The average life span of galvanized water line is 20-50 years. The school was on a well with iron in it for most of the life of the pipe. A water softener was installed but did not prevent all iron from getting into the system. The iron is now coming off the sides of the pipe and leaving iron desposits in the fixtures. A replacement utilizing a copper pipe has been recommended for a life span of 50+ years.

Project is funded.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	0	0	0						
Land Acquisition	0	0	0						
Site Work	0	0	0						
Construction	179	179	0						0
Equipment/Furnishings	0	0	0						
Other	0	0	0						
Total Cost	179	179	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0	0	0						
County Bonds	179	179	0						0
State	0	0	0						
Federal	0	0	0						
Other	0	0	0						
Total Funds	179	179	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 6/21/2019
 Expended 183
 Encumbered 0
Total 183

Project Form **Cecil County Capital Improvements Program 2019**

Agency/Department: Cecil County Public Schools	Project Number: 71263
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 120,000 Btu/hr in size, at 200 boiler horsepower (6,695,800 Btu/hr) each and were installed in 1976. Fuel oil is stored in a 15,000 gallon above ground storage tank located adjacent to the boiler room. The boilers are original to the building, and are past their useful life. Domestic hot water is currently generated by utilizing the heating water system and a gas-fired water storage tank. Oil-fired boilers are less efficient than the natural gas fired condensing boilers that are being replaced. It has been confirmed that a BGE gas line is installed in the street adjacent to the school building. It is recommended that Cecil County Public Schools replace the existing oil-fired boilers with four (4) new high efficiency gas-fired condensing boilers, each sized at 2,000,000 Btu/hr. The existing domestic hot water storage tank be removed and two (2) new gas-fired domestic hot water heaters be installed in its place. The new boilers shall be provided with a gas venting system that shall be integrated into the existing school Johnson Controls DDC building energy management system. The existing heating components of the school's 4-pipe heating and cooling central plant that was replaced in 2011 shall be replaced in the same order and are not recommended to be replaced at this time. If no other equipment is fed from the existing central plant and fuel oil storage tank, it is also recommended that the tank, fuel oil pumps, and associated piping be replaced in its entirety.

Project is funded.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	30	30							
Land Acquisition	0	0							
Site Work	0	0							
Construction	855	855							0
Equipment/Furnishings	0	0							
Other	0	0	0						
Total Cost	885	885	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0	0							
County Bonds	339	339							0
State	546	546							
Federal	0	0							
Other	0	0							
Total Funds	885	885	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	6/21/2019
Expended	349
Encumbered	0
Total	349

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department:
Cecil County Public Schools

Project Number:
71264

Map Location

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. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	25	25							
Land Acquisition	0								
Site Work	0								
Construction	2,414	2,414							
Equipment/Furnishings	0								
Other	0								
Total Cost	2,439	2,439	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	779	779							
State	1,660	1,660							
Federal	0								
Other	0								
Total Funds	2,439	2,439	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 6/21/2019
 Expended 564
 Encumbered -
Total 564

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: Cecil County Public Schools	Project Number: 71265
Project Title: Conowingo Elem. Boiler Replacement	Project Location: 471 Rowlandsville Road, Conowingo
Project Description/Status:	Priority: 5



Conowingo Elementary School is heated by a central hot water heating plant. Heating hot water is generated by two Cleaver Brooks Model CP... oil-fired fire-tubestyle hot water boilers. Currently the boilers are of unequal capacity at 40 boiler horsepower (1,339,160 Btu/hr) which was installed in 2006... and 25 boiler horsepower (836,975 Btu/hr) that was installed in 1992. Fuel oil is stored in an underground storage tank located adjacent to the building. The Board of Education decided that Cecil County Public School replace the older 25 boiler horsepower boiler with a new 40 bhp model that matches the 2006 boiler and... standby, such that the school can operate the boilers in the... boiler shall be integrated into the existing school Johnson... energy management system. The majority of the school's 2-p... temperature central plant that was replaced in 2013 and is in good working order. Replacing the circulation pumps and is not recommended to be replaced at this time.

Project is funded.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	15	15							
Land Acquisition	0								
Site Work	0								
Construction	295	295							
Equipment/Furnishings	0								
Other	0		0						
Total Cost	310	310	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	123	123							
State	187	187							
Federal	0								
Other	0								
Total Funds	310	310	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	6/21/2019
Expended	84
Encumbered	-
Total	<u>84</u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: Cecil County Public Schools	Project Number: 71266
Project Title: Providence Special School Roof Repl.	Project Location: 3035 Singerly Rd., Elkton
Project Description/Status:	Priority: 6



Providence School is a single story school with classrooms that were built in 1923, 1939, 1947, and 1954. Part of the school was destroyed by a fire that destroyed the wood joist rafter construction with the remaining section being replaced with steel joist rafter construction. The shingles and asphalt roof were last replaced in 1993. Funding for this project is 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 roofing system.

Project is funded.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	15	15							
Land Acquisition	0								
Site Work	0								
Construction	329	329							
Equipment/Furnishings	0								
Other	0								
Total Cost	344	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	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	6/21/2019
Expended	110
Encumbered	-
Total	<u>110</u>

Project Form										Cecil County Capital Improvements Program 2020									
Agency/Department: Cecil County Public Schools					Project Number: 71269					Cherry Hill Middle School - 2535 Singerly Road Elkton, MD									
Project Title: Cherry Hill MS Doors & Windows					Project Location: 2535 Singerly Road, Elkton, MD														
Project Description/Status: Priority:																			
<p>The scope of work is to replace all exterior glass and glazing, with the exception of the courtyard, including abatement and temporary protection. Existing punched opening windows are approximately 2'W x 7'2"H and in groups of 2 or 4, assuming removal of precast perimeter band and masonry piers between windows. Cut sill down approximately 3 brick courses. Window to fill entire opening. Metal panning at perimeter of opening. New brick sill on exterior and solid surface sill on interior for 52 windows. Existing storefront to be replaced in its entirety (2) locations adjacent to the gym and (1) at the main entrance). assuming structural framing members will be covered by the glazing system and that new hollow metal doors will be installed to structural members with continuous hinges. Replace all 45 exterior doors. Doors, other than those in storefronts, include frame and borrowed light replacement. An allowance to remove and reinstall acoustical ceiling at select locations and miscellance floor repair is included. Miscellaneous other work to include pan over existing false louvers at the gym, install thermal film on the glazing at the courtyard, window treatments for the classrooms and admin., electronic locksets, card readers and power supplies for 10 doors (head end by others), and install EX/EM lights with remote heads at all exterior door locations.</p>																			
EXPENDITURE SCHEDULE																			
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete										
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025											
Design/Engineering	0																		
Land Acquisition	0																		
Site Work	0																		
Construction	833	833																	
Equipment/Furnishings	0																		
Other	21	21																	
Total Cost	854	854	0	0	0	0	0	0	0										
FUNDING SCHEDULE																			
County Paygo	0																		
County Bonds	290	290																	
State	564	564																	
Federal																			
Other	0																		
Total Funds	854	854	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	6/21/2019
Expended	37
Encumbered	-
Total	37

Project Form		Cecil County Capital Improvements Program 2020	
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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering									
Land Acquisition	0								
Site Work	0								
Construction	2,438			2,438					
Equipment/Furnishings	61			61					
Other									
Total Cost	2,499	0	0	2,499	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	850			850					
State	1,649			1,649					
Federal									
Other	0								
Total Funds	2,499	0	0	2,499	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	6/21/2019
Expended	-
Encumbered	-
Total	-

Project Form **Cecil County Capital Improvements Program 2020**

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	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	2,500					1,750			750
Land Acquisition									
Site Work	2,000								2,000
Construction	33,750								33,750
Equipment/Furnishings	2,000								2,000
Other	9,359								9,359
Total Cost	49,609	0	0	0	0	1,750	0	0	47,859

FUNDING SCHEDULE

County Paygo									
County Bonds	26,666					1,750			24,916
State	22,943								22,943
Federal									
Other									
Total Funds	49,609	0	0	0	0	1,750	0	0	47,859

OPERATING BUDGET IMPACT:

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

Financial Activity as of 6/21/2019
 Expended -
 Encumbered -
 Total -

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department:
Cecil County Public Schools

Project Number:

Map Location

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. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,250								1,250
Land Acquisition									
Site Work	820								820
Construction	17,270								17,270
Equipment/Furnishings	1,000								1,000
Other	3,980								3,980
Total Cost	24,320	0	0	0	0	0	0	0	24,320

FUNDING SCHEDULE

County Paygo									
County Bonds	13,232								13,232
State	11,088								11,088
Federal									
Other									
Total Funds	24,320	0	0	0	0	0	0	0	24,320

OPERATING BUDGET IMPACT:

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

Financial Activity as of 6/21/2019
 Expended -
 Encumbered -
 Total -

Project Form **Cecil County Capital Improvements Program 2020**

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. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	2,000								2,000
Land Acquisition									
Site Work	4,590								4,590
Construction	30,190								30,190
Equipment/Furnishings	1,750								1,750
Other	7,313								7,313
Total Cost	45,843	0	0	0	0	0	0	0	45,843

FUNDING SCHEDULE

County Paygo									
County Bonds	23,370								23,370
State	22,473								22,473
Federal									
Other									
Total Funds	45,843	0	0	0	0	0	0	0	45,843

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	-
Encumbered	-
Total	-

Project Form A Cecil County Capital Improvements Program 2020

Agency/Department:
CECIL COLLEGE

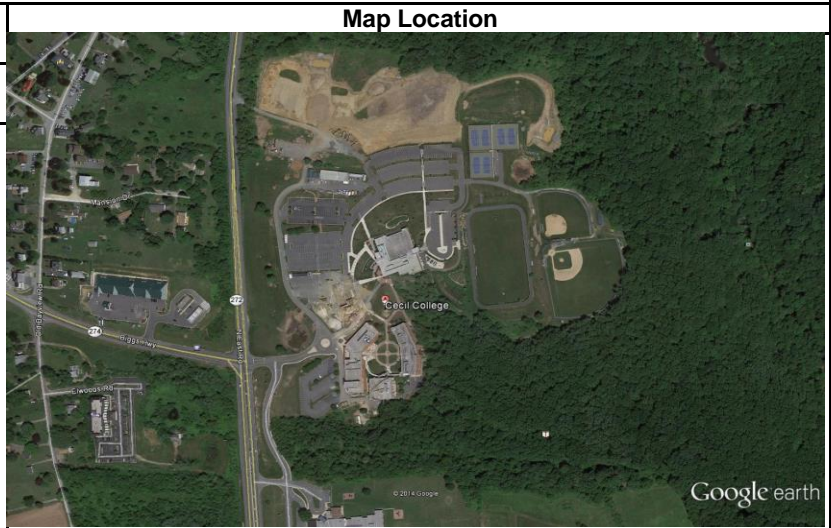
Project Number:
70032

Project Title:
MECHANICAL/BUILDING INFRASTRUCTURE

Project Location:
North East and Elkton Campuses

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

Various mechanical components and building infrastructure 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 2020 CIP Request includes the following components: Replacement of roofs for Arts & Sciences and Technology Center; ongoing development of the stormwater retention pond; HVAC systems improvements, and; investments in campus sustainability projects, leveraging the College's work with the MEA. The projected need for future years (2021-2025) 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. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	50	50							
Land Acquisition	0								
Site Work	0								
Construction	7,209	2,853	1,728	500	513	525	538	552	
Equipment/Furnishings	0								
Other	0								
Total Cost	7,259	2,903	1,728	500	513	525	538	552	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	7,259	2,903	1,728	500	513	525	538	552	
State	0								
Federal Grant Opportunity	0								
Other	0								
Total Funds	7,259	2,903	1,728	500	513	525	538	552	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 **6/21/2019**
 Expended **1,925**
 Encumbered **0**
Total **1,925**

Project Form A Cecil County Capital Improvements Program 2020

Agency/Department:
CECIL COLLEGE

Project Number:

Project Title:
CAMPUS ENTRANCE AND FACILITIES BUILDING

Project Location:
North East, MD

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

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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	978			978					
Land Acquisition	0								
Site Work	0								
Construction	12,306			7,077	5,229				
Equipment/Furnishings	639				639				
Other	0								
Total Cost	13,923	0	0	8,055	5,868	0	0	0	0


FUNDING SCHEDULE

County Paygo	0								
County Bonds	6,017			4,317	1,700				
State	7,906			3,738	4,168				
Federal	0								
Other	0								
Total Funds	13,923	0	0	8,055	5,868	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 6/21/2019
 Expended 0
 Encumbered 0
 Total 0

Project Form		A	Cecil County Capital Improvements Program 2020	
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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	4,081					4,081			
Land Acquisition	0								
Site Work	0								
Construction	37,690						11,116	12,000	14,574
Equipment/Furnishings	6,690								6,690
Other	0								
Total Cost	48,461	0	0	0	0	4,081	11,116	12,000	21,264

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	19,348					1,596	4,446	4,800	8,506
State	29,113					2,485	6,670	7,200	12,758
Federal	0								
Other	0								
Total Funds	48,461	0	0	0	0	4,081	11,116	12,000	21,264

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form		A	Cecil County Capital Improvements Program 2020	
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. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
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	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: Cecil County Public Library	Project Number: 72018
Project Title: North East Branch Library	Project Location: North East
Project Description/Status: 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. A 3.5 prime acre site in the middle of this community was purchased in June 2015 with state and county funds. Design funds were allocated in FY18. A contract for A/E services has been awarded and design has commenced. The new two-story library is planned to meet MD's minimum standard for this size community--30,000 sq. ft. public library space--as well as LEED Silver Certification. 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. It 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 can significantly expand. Construction related cost estimates for this project are updated and based on current costs for library and similar construction in Maryland. Library "opening day" collection costs of \$563,000 are included. State competitive grant funding will be sought and estimates are shown below.	
Priority: 1	



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,340	1,230	110						
Land Acquisition	1,126	1,126							
Site Work	1,200	1,007	193						
Construction	15,754	6,654	6,572	2,528					
Equipment/Furnishings	1,567		567	1,000					
Other	1,208	285	823	100					
Total Cost	22,195	10,302	8,265	3,628	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	750	750							
County Bonds	17,481	6,928	6,925	3,628					
State	3,424	2,424	1,000						
Federal	0								
Other - VLT	540	200	340						
Total Funds	22,195	10,302	8,265	3,628	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	6/21/2019
Expended	2,198
Encumbered	0
Total	2,198

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department:
Cecil County Public Library

Project Number:

Map Location

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 demands for more 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 desk. CCPL will apply for State matching grant funds. Funding for additional equipment and furnishings may be sought from the Friends Foundation of CCPL.

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	120			60	60				
Land Acquisition	0								
Site Work	0								
Construction	910				910				
Equipment/Furnishings	240				240				
Other	25				25				
Total Cost	1,295		0	60	1,235	0	0	0	0

FUNDING SCHEDULE

County Paygo	516			60	456				
County Bonds	0								
State	741				741				
Federal	0								
Other	38				38				
Total Funds	1,295		0	60	1,235	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 6/21/2019
 Expended 0
 Encumbered 0
Total 0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DES	Project Number: 50050
Project Title: P25 Dispatch migration - Phase I	Project Location: Elkton, Md
Project Description/Status: 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.	
Priority: 1	



This expenditure begins the process

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
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	6/21/2019
Expended	2,300
Encumbered	0
Total	<u>2,300</u>

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DES	Project Number: 50050	Map Location	
Project Title: P25 Dispatch migration - Phase II	Project Location: Elkton, Md		
Project Description/Status: 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.			
		Priority:	2

This expenditure begins the process

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	5,265	5,265							
Total Cost	5,265	5,265	0	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	5,265	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	5,265
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	<u><u>5,265</u></u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DES	Project Number: 50050
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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	0								
Other	1,990	1,990							
Total Cost	1,990	1,990	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,990	1,990							
State	0								
Federal	0								
Other	0								
Total Funds	1,990	1,990	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	6/21/2019
Expended	327
Encumbered	1,557
Total	<u>1,884</u>

Project Form **Cecil County Capital Improvements Program 2020**

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



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	200			200					
Land Acquisition	0								
Site Work	0								
Construction	1,400				1,400				
Equipment/Furnishings	200				200				
Other	0								
Total Cost	1,800	0	0	200	1,600	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,800			200	1,600				
State	0								
Federal	0								
Other	0								
Total Funds	1,800	0	0	200	1,600	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

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



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	75						75		
Land Acquisition	200					200			
Site Work	60						60		
Construction	1,340						1,340		
Equipment/Furnishings	25						25		
Other	0								0
Total Cost	1,700	0	0	0	0	200	1,500	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,700					200	1,500		
State	0								
Federal	0								
Other	0								
Total Funds	1,700	0	0	0	0	200	1,500	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52637
Project Title: Upgrade Nottingham Roads Facility	Project Location: 193 Harrisville Rd., Colora
Project Description/Status:	Priority: 1



This project previously removed a portion of the existing combined administration and vehicle storage building, and constructed a separate administration building and two bay vehicle/shop storage building. This project will replace an existing remaining deteriorating vehicle and equipment storage building with a new building. The project will use the design/build delivery method and will require preliminary design, permitting, and architectural code analysis prior to project advertisement. The awarded contractor will be required to complete the design and permitting that will remove the existing building and foundations, construct a new building, improve drainage, provide ventilation and maintain minimal heating to prevent the equipment from freezing conditions. The project will also include placing an emergency generator on the site.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	183	183							
Land Acquisition	0								
Site Work	0								
Construction	1,439	1,439							
Equipment/Furnishings	20	20							
Other	120	120							
Total Cost	1,762	1,762	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	245	245							
County Bonds	1,517	1,517							
State	0								
Federal	0								
Other	0								
Total Funds	1,762	1,762	0	0	0	0	0	0	0

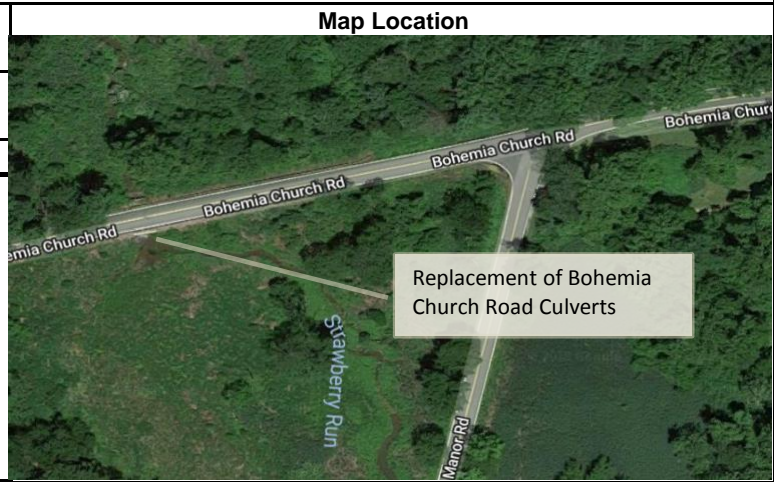
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	1,652
Encumbered	88
Total	1,740

Project Form **Cecil County Capital Improvements Program 2020**

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: 2



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.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	160	160							
Land Acquisition	55	55							
Site Work	60	60							
Construction	1,350	1,350	0						
Equipment/Furnishings	0								
Other	0								
Total Cost	1,625	1,625	0	0	0	0	0	0	0

FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	1,557
Annual Operating/Maintenance Cost:	0	Encumbered	63
New Positions (FTE's):	0.0	Total	<u><u>1,620</u></u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52701
Project Title: Painting of County Bridges	Project Location: Various Locations in the County
Project Description/Status:	Priority: 3



This project is the environmental documentation, permitting, 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

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	80	80							
Land Acquisition	0								
Site Work	0								
Construction	700	700							
Equipment/Furnishings	0								
Other	0								
Total Cost	780	780	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	220	220							
State	0								
Federal	560	560							
Other	0								
Total Funds	780	780	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	6/21/2019
Expended	20
Encumbered	2
Total	22

Project Form **Cecil County Capital Improvements Program 2020**

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: 4



Lums Road has a poor alignment, limited pavement width, and deteriorating and failed pavement through the coordior and this has resulted in the restricted to 10 tons. The restriction has resulted in re-routing of traffic above 10 tons to Bouchelle Road and Mechanics Valley Road and 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 to the Town of North East Limits near Delmarva Power.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	450	450							
Land Acquisition	100	100							
Site Work	250	250							
Construction	3,600	1,000			2,600				
Equipment/Furnishings	0								
Other	0								
Total Cost	4,400	1,800	0	0	2,600	0	0	0	0

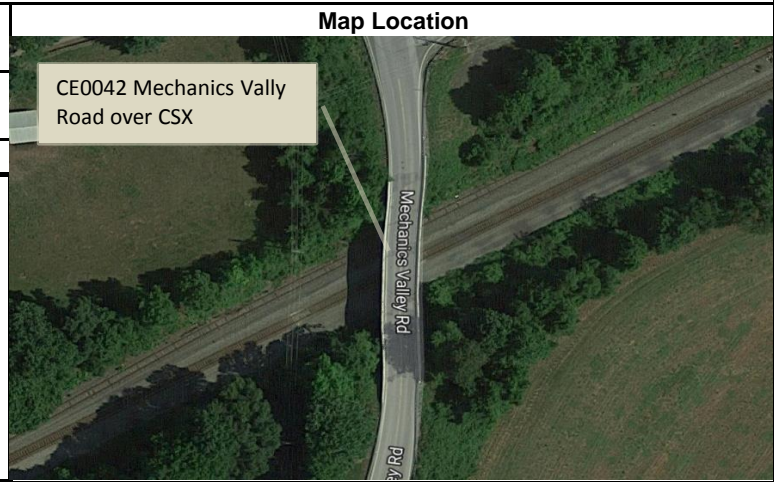
FUNDING SCHEDULE

County Paygo	0								
County Bonds	4,400	1,800			2,600				
State	0								
Federal	0								
Other	0								
Total Funds	4,400	1,800	0	0	2,600	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	622
Annual Operating/Maintenance Cost:	0	Encumbered	83
New Positions (FTE's):	0.0	Total	705

Project Form **Cecil County Capital Improvements Program 2020**

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: 5



This is a five span, 142 feet long prestressed concrete bridge built 1975 with a substandard clear roadway of width of 22 feet. The 2016 bridge inspection report states the bridge is currently in poor condition, currently has no load posting, and serves 4898 vehicles per day. The project will replace the existing bridge and includes geometric improvements to the intersection of Mechanics Valley Road and Bouchelle Road.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	825	825							
Land Acquisition	150	150							
Site Work	250	250							
Construction	9,600	1,000	8,600						
Equipment/Furnishings	0								
Other	0								
Total Cost	10,825	2,225	8,600	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	83	83							
County Bonds	2,112	1,262	850						
State	0								
Federal	8,630	880	7,750						
Other	0								
Total Funds	10,825	2,225	8,600	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	6/21/2019
Expended	441
Encumbered	3
Total	444

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52707
Project Title: Replace Belvidere Road Culvert	Project Location: Perryville, MD



Project Description/Status: **Priority:**
 This project consists of the emergency replacement of a culvert on Belvidere Road. The existing corrugated metal culvert pipe has deteriorated and partially failed and is at risk of a complete failure, which would likely result in a slope failure and/or the failure of the road bed, thus closing the road, thus making this project urgent. The existing culvert is under 15 feet of fill on what is a very busy County road, with a fairly high volume of truck traffic. The culvert is located just north of the GE Appliance and Distribution Center and Perryville Cold Storage off of Belvidere Road.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	175	175							
Land Acquisition	0								
Site Work	0								
Construction	450	450							
Equipment/Furnishings	0								
Other	0								
Total Cost	625	625	0	0	0	0	0	0	0

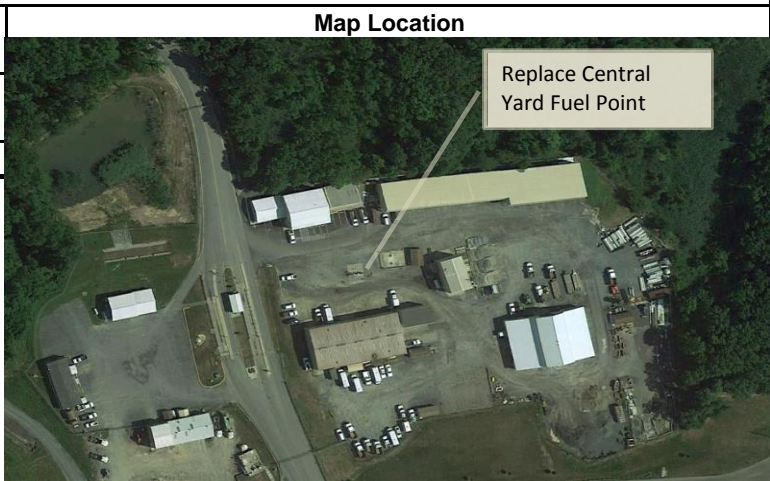
FUNDING SCHEDULE

County Paygo	0								
County Bonds	625	625							
State	0								
Federal	0								
Other	0								
Total Funds	625	625	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52702
Project Title: Replace Central Yard Fuel Point Tank	Project Location: Elkton, MD
Project Description/Status:	Priority: 6



Replace the existing the Central Yards existing fuel pumps and supporting infrastructure.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	40	40							
Land Acquisition	0								
Site Work	0								
Construction	550		550						
Equipment/Furnishings	0								
Other	0								
Total Cost	590	40	550	0	0	0	0	0	0

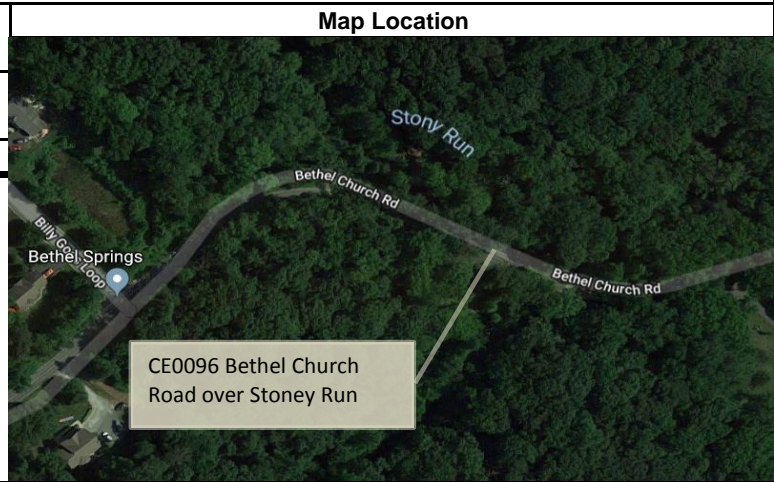
FUNDING SCHEDULE

County Paygo	0								
County Bonds	590	40	550						
State	0								
Federal	0								
Other	0								
Total Funds	590	40	550	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	47
New Positions (FTE's):	0.0	Total	47

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52645
Project Title: Rehabilitation of Bridge CE0096 Bethel Church Road over Stoney Run	Project Location: North East, MD
Project Description/Status:	Priority: 7



This is a single span steel beam bridge constructed in 1968, has an overall length of 60 feet, and clear roadway width of approximately 27 feet. The bridge is currently not load posted and carries 889 vehicles per day. The concrete bridge deck has had extensive repairs over the years and the underlying original concrete deck is showing advanced deterioration resulting in several closures for concrete deck repairs. The project will replace the concrete deck and make it an integral (composite) with the steel beams, replace the substandard concrete and steel bridge railings, and upgrade the approach w-beam and end treatments, and includes miscellaneous steel repairs.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	137	137							
Land Acquisition	0								
Site Work	0								
Construction	730	175	555						
Equipment/Furnishings	0								
Other	0								
Total Cost	867	312	555	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	37	37							
County Bonds	830	275	555						
State	0								
Federal	0								
Other	0								
Total Funds	867	312	555	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	6/21/2019
Expended	227
Encumbered	9
Total	236

Project Form **Cecil County Capital Improvements Program 2020**

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



This project includes roadway widening and reconstruction, improving horizontal and vertical alignments, constructing a bridge at Jones Creek and additional six (6) culverts, and onsite and offsite stormwater management facilities, utility relocations, and offsite stream and wetland mitigations. The project limits are on Oldfield Point Road from Breon Lane at the south end to Old Chestnut Road on the north end. In 2017 the ADT was 1100 south of Racine School Road to over 2200 at the intersection with Old Chestnut Road. The project will be constructed in three phases over three consecutive fiscal years.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	562	562							
Land Acquisition	2,527	2,127			400				
Site Work	5,025	2,000			725	2,300			
Construction	18,000						6,800	5,400	5,800
Equipment/Furnishings	0								
Other	0								
Total Cost	26,114	4,689	0	0	1,125	2,300	6,800	5,400	5,800

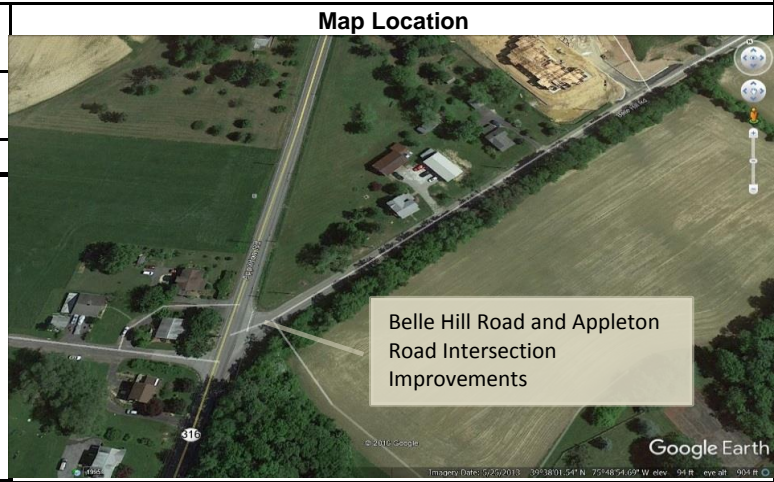
FUNDING SCHEDULE

County Paygo	1,573	1,573							
County Bonds	24,541	3,116			1,125	2,300	6,800	5,400	5,800
State	0								
Federal	0								
Other	0								
Total Funds	26,114	4,689	0	0	1,125	2,300	6,800	5,400	5,800

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	3,846
Annual Operating/Maintenance Cost:	0	Encumbered	36
New Positions (FTE's):	0.0	Total	3,882

Project Form **Cecil County Capital Improvements Program 2020**

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: 9



This project consists of improving the horizontal alignment of Belle Hill Road as it intersects Appleton Road. Although the road is truck restricted, trucks frequently attempt to make a right turn to head north on Appleton Road and run off the road, become disabled, and require police response and towing. The project will require full depth roadway reconstruction, stormwater management, and extensive utility relocations.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	250			250					
Land Acquisition	130				130				
Site Work	230				230				
Construction	850					850			
Equipment/Furnishings	0								
Other	0								
Total Cost	1,460	0	0	250	360	850	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,460			250	360	850			
State	0								
Federal	0								
Other	0								
Total Funds	1,460	0	0	250	360	850	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	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52704
Project Title: I-95 and Belvidere Road Interchange	Project Location: Elkton, MD
Project Description/Status:	Priority: 10



This project consists of constructing a new interchange at I-95 and Belvidere Road to support existing and continued development of businesses on Belvidere Road and Rt 40. There are multiple financial stake-holders for the project including Maryland Transportation Authority, Stewart & Tate, and Cecil County.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	1,000			1,000					
Equipment/Furnishings	0								
Other	0								
Total Cost	1,000	0	0	1,000	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,000			1,000					
State	0								
Federal	0								
Other	0								
Total Funds	1,000	0	0	1,000	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	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52705
Project Title: Belvidere Road Improvements Phase I	Project Location: Elkton, MD
Project Description/Status:	Priority: 11



This project is from the intersection of Rt 40 north to the proposed new interchange at I-95. The project will support existing and continued development of businesses on Belvidere Road and Rt 40 and includes segments of full roadway reconstruction and milling and repaving of the existing road to support the increased truck and vehicle traffic.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	575	150		425					
Land Acquisition	100					100			
Site Work	175					175			
Construction	1,300						1,300		
Equipment/Furnishings	0								
Other	0								
Total Cost	2,150	150	0	425	0	275	1,300	0	0

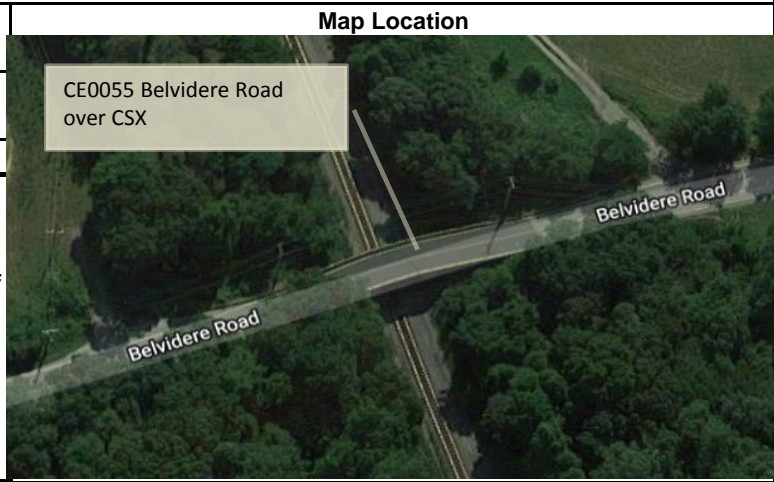
FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,150	150		425		275	1,300		
State	0								
Federal	0								
Other	0								
Total Funds	2,150	150	0	425	0	275	1,300	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

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: 12



Bridge CE0055 was built in 1976 and is a three span pre-stressed concrete adjacent box beam bridge with an overall length of 123.83 feet with an asphalt wearing surface placed directly on top of the beams, and a clear roadway width of 22 feet. The bridge carries over 1600 vehicles per day and that number is expected to significantly increase due to the continued development of Principio Business Park. The project will be a complete replacement with a new structure sized to meet current design criteria and anticipated future traffic demands.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	800				800				
Land Acquisition	100					100			
Site Work	200					200			
Construction	3,900						3,900		
Equipment/Furnishings	0								
Other	0								
Total Cost	5,000	0	0	0	800	300	3,900	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,000				160	60	780		
State	0								
Federal	4,000				640	240	3,120		
Other	0								
Total Funds	5,000	0	0	0	800	300	3,900	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	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 13



This bridge was built in 1981 and consists of weathered steel beams and has a length of 307 feet and carries approximately 1100 vehicles per day. Rehabilitation consist of repairing 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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	50				50				
Land Acquisition	0								
Site Work	0								
Construction	375					375			
Equipment/Furnishings	0								
Other	0								
Total Cost	425	0	0	0	50	375	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	125				50	75			
State	0								
Federal	300					300			
Other	0								
Total Funds	425	0	0	0	50	375	0	0	0

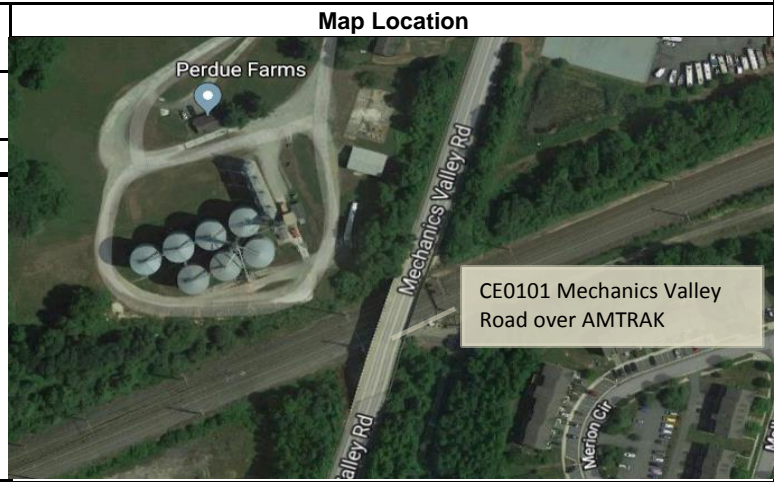
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 14



This bridge was built in 1980 and consists of weathered steel beams and has a length of 283 feet and carries approximately 7200 vehicles per day. 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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	50				50				
Land Acquisition	0								
Site Work	0								
Construction	375					375			
Equipment/Furnishings	0								
Other	0								
Total Cost	425	0	0	0	50	375	0	0	0

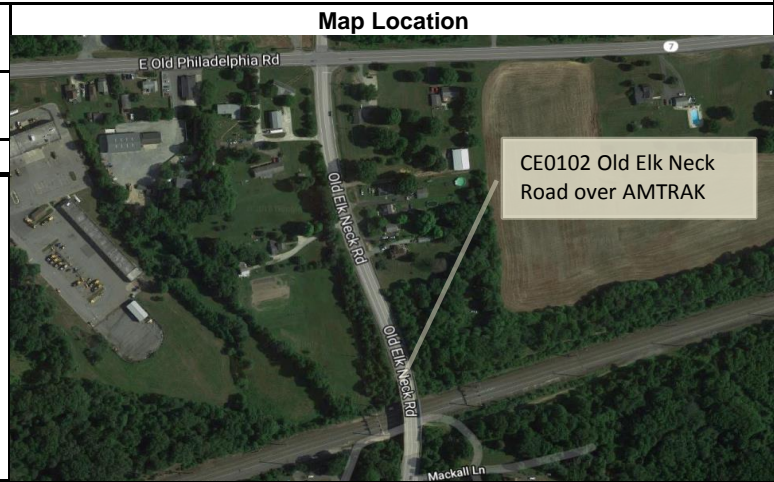
FUNDING SCHEDULE

County Paygo	0								
County Bonds	125				50	75			
State	0								
Federal	300					300			
Other	0								
Total Funds	425	0	0	0	50	375	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

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: 15



This bridge was built in 1980 and consists of weathered steel beams and has a length of 221 feet and carries approximately 4600 vehicles per day. 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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	50				50				
Land Acquisition	0								
Site Work	0								
Construction	375					375			
Equipment/Furnishings	0								
Other	0								
Total Cost	425	0	0	0	50	375	0	0	0

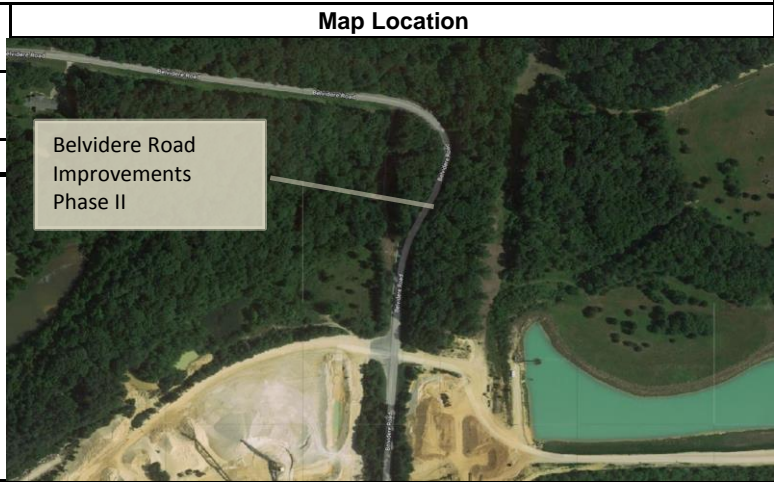
FUNDING SCHEDULE

County Paygo	0								
County Bonds	125				50	75			
State	0								
Federal	300					300			
Other	0								
Total Funds	425	0	0	0	50	375	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52705
Project Title: Belvidere Road Improvements Phase II	Project Location: Elkton, MD
Project Description/Status:	Priority: 16



This project is from the proposed new interchange at I-95 to the intersection with Theodore Road. The project will support existing and continued development of businesses on Belvidere Road and Rt 40, growth development north of I-95 and includes segments of full roadway reconstruction and milling and repaving of the existing road to support the increased truck and vehicle traffic.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	450					450			
Land Acquisition	100						100		
Site Work	775						175	300	300
Construction	2,700								2,700
Equipment/Furnishings	0								
Other	0								
Total Cost	4,025	0	0	0	0	450	275	300	3,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	4,025					450	275	300	3,000
State	0								
Federal	0								
Other	0								
Total Funds	4,025	0	0	0	0	450	275	300	3,000

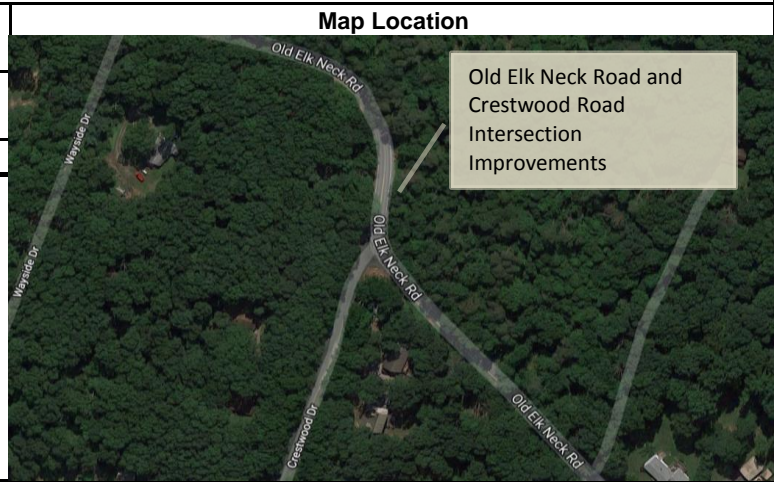
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 17



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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	250				250				
Land Acquisition	75					75			
Site Work	75					75			
Construction	850						850		
Equipment/Furnishings	0								
Other	0								
Total Cost	1,250	0	0	0	250	150	850	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,250				250	150	850		
State	0								
Federal	0								
Other	0								
Total Funds	1,250	0	0	0	250	150	850	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52021
Project Title: Chesapeake City Salt Storage Facility	Project Location: Elkton, MD
Project Description/Status:	Priority: 18

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. The proposed structure is a pole barn or equivalent structure, stormwater management, and planting buffers.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	150								150
Land Acquisition	152	27							125
Site Work	750								750
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	1,052	27	0	0	0	0	0	0	1,025

FUNDING SCHEDULE

County Paygo	27	27							
County Bonds	1,025								1,025
State	0								
Federal	0								
Other	0								
Total Funds	1,052	27	0	0	0	0	0	0	1,025

OPERATING BUDGET IMPACT:		Financial Activity as of 6/21/2019	
Estimated Annual Debt Service Cost:	0	Expended	27,230
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	<u><u>27,230</u></u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52695
Project Title: Replacement of Bridge CE0060 Wheatley Rd. over West Branch	Project Location: Wheatley Rd., North East MD
Project Description/Status:	Priority: 19



This is a single span steel beam bridge constructed in 1966 and rehabilitated in 1999. The structure has an overall length of 32.1 feet and a clear roadway width of approximately 21.6 feet and carries a two lane roadway. The bridge is currently not load posted and carries over 400 vehicles per day. The existing concrete bridge deck is showing advanced deterioration. The project will replace the concrete deck and make it an integral (composite) with the steel beams, replace the substandard concrete and steel bridge railings, and upgrade the approach w-beam and end treatments, and include miscellaneous steel repairs.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	300						300		
Land Acquisition	75							75	
Site Work	75							75	
Construction	1,000								1,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,450	0	0	0	0	0	300	150	1,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,450						300	150	1,000
State	0								
Federal	0								
Other	0								
Total Funds	1,450	0	0	0	0	0	300	150	1,000

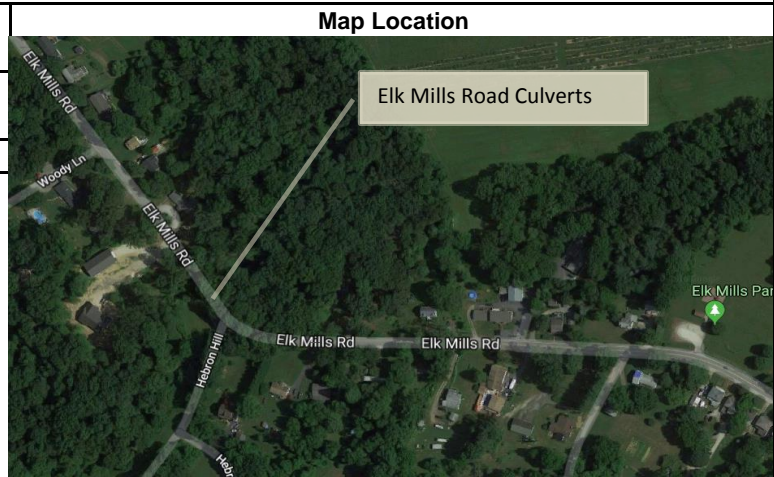
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52686
Project Title: Replace Elk Mills Road Culverts	Project Location: Elk Mills, MD
Project Description/Status:	Priority: 20



This project will replace the existing twin 48" corrugated culverts with new structure, limited approach roadway and drainage improvements. Project is located just north of Hebron Hill

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	200					200			
Land Acquisition	50						50		
Site Work	50						50		
Construction	600							600	
Equipment/Furnishings	0								
Other	0								
Total Cost	900	0	0	0	0	200	100	600	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	900					200	100	600	
State	0								
Federal	0								
Other	0								
Total Funds	900	0	0	0	0	200	100	600	0

OPERATING BUDGET IMPACT:

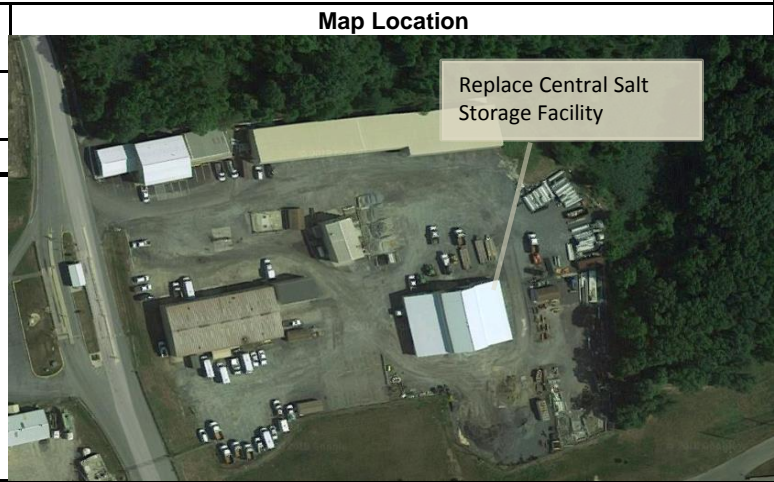
Estimated Annual Debt Service Cost:	0
Annual Operating/Maintenance Cost:	0
New Positions (FTE's):	0.0

Financial Activity as of 6/21/2019

Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52706
Project Title: Replace Central Salt Storage Facility	Project Location: Elkton, MD
Project Description/Status:	Priority: 21



The existing Central Salt Storage Facility built in 1988 is over 30 years old and nearing the end of its useful lifespan having recently underwent extensive repairs to keep the facility operational. The project will replace the existing pole barn structure with a pole barn or equivalent structure, include stormwater management facilities, grading and asphalt overlay within and outside the structure, and planting buffers.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	150								150
Land Acquisition	0								
Site Work	0								
Construction	700								700
Equipment/Furnishings	0								
Other	0								
Total Cost	850	0	0	0	0	0	0	0	850

FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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



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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,450								1,450
Land Acquisition	0								
Site Work	0								
Construction	7,100								7,100
Equipment/Furnishings	0								
Other	0								
Total Cost	8,550	0	0	0	0	0	0	0	8,550

FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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



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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	700								700
Land Acquisition	0								
Site Work	0								
Construction	3,400								3,400
Equipment/Furnishings	0								
Other	0								
Total Cost	4,100	0	0	0	0	0	0	0	4,100

FUNDING SCHEDULE

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

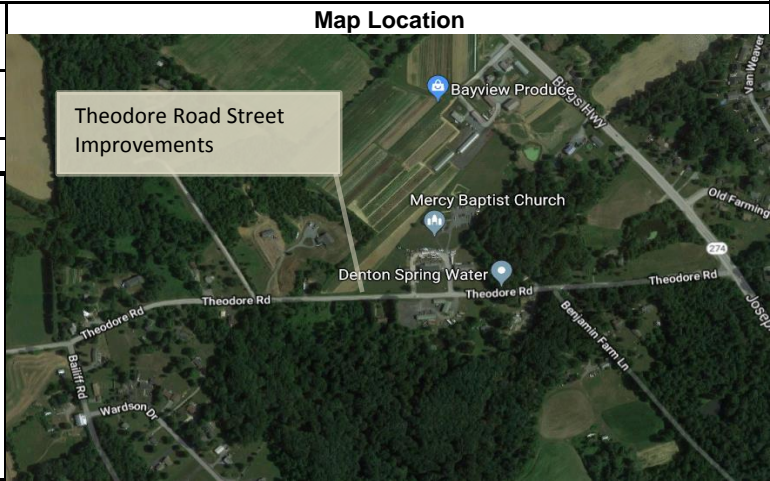
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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



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

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	900						900		
Land Acquisition	600							600	
Site Work	1,000								1,000
Construction	7,000								7,000
Equipment/Furnishings	0								
Other	0								
Total Cost	9,500	0	0	0	0	0	900	600	8,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	9,500						900	600	8,000
State	0								
Federal	0								
Other	0								
Total Funds	9,500	0	0	0	0	0	900	600	8,000

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

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: 25



This bridge is a four cell corrugated metal pipe arch culvert built in 1965, with an overall length of 28 feet and a clear roadway of 26.41 feet. The project will replace the existing pipes with a new structure, limited approach reconstruction, and stormwater management.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	550						275	275	
Land Acquisition	100								100
Site Work	100								100
Construction	800								800
Equipment/Furnishings	0								
Other	0								
Total Cost	1,550	0	0	0	0	0	275	275	1,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,550						275	275	1,000
State	0								
Federal	0								
Other	0								
Total Funds	1,550	0	0	0	0	0	275	275	1,000

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

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: 26



This is a single span cast in place reinforced concrete slab bridge with span length of 21 feet and a clear roadway width of 25.17 feet and carries approximately 400 vehicles per day. The year the bridge was constructed is unknown. This project will be a full replacement of the bridge.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	275							275	
Land Acquisition	100								100
Site Work	100								100
Construction	1,000								1,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,475	0	0	0	0	0	0	275	1,200

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,475							275	1,200
State	0								
Federal	0								
Other	0								
Total Funds	1,475	0	0	0	0	0	0	275	1,200

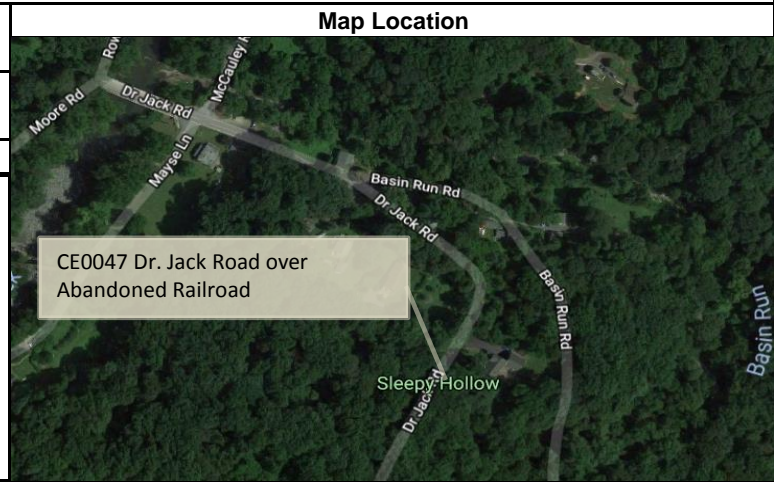
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 27



This bridge is a single span steel beam with reinforced concrete deck, built in 1981, with an overall length of 91 feet and a clear roadway width of 20 feet, and carries approximately 1400 vehicles per day. Project will include full replacement of the bridge and will improve the roadway approach alignments.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	300							300	
Land Acquisition	150								150
Site Work	150								150
Construction	2,050								2,050
Equipment/Furnishings	0								
Other	0								
Total Cost	2,650	0	0	0	0	0	0	300	2,350

FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,650							300	2,350
State	0								
Federal	0								
Other	0								
Total Funds	2,650	0	0	0	0	0	0	300	2,350

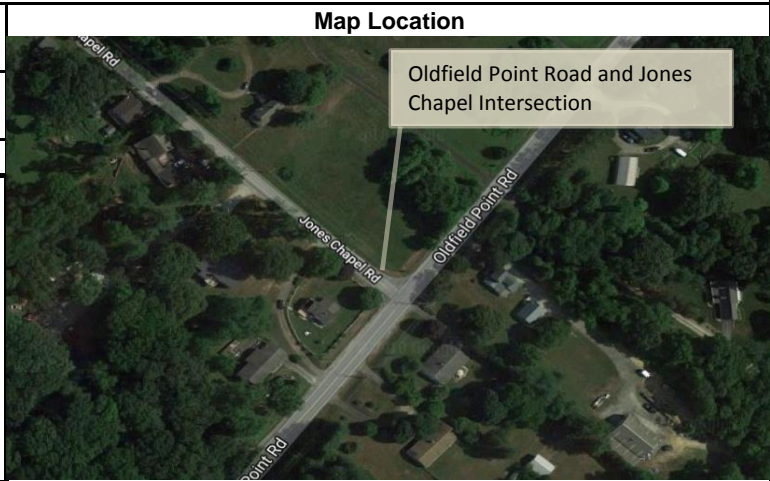
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 28



This project consists of improving the vertical alignment on Oldfield Point Road to improve the sight distance at the intersection with Jones Chapel Road.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	300							300	
Land Acquisition	150								150
Site Work	300								300
Construction	800								800
Equipment/Furnishings	0								
Other	0								
Total Cost	1,550	0	0	0	0	0	0	300	1,250

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,550							300	1,250
State	0								
Federal	0								
Other	0								
Total Funds	1,550	0	0	0	0	0	0	300	1,250

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 29



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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	300							300	
Land Acquisition	150								150
Site Work	300								300
Construction	800								800
Equipment/Furnishings	0								
Other	0								
Total Cost	1,550	0	0	0	0	0	0	300	1,250

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,550							300	1,250
State	0								
Federal	0								
Other	0								
Total Funds	1,550	0	0	0	0	0	0	300	1,250

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52666	Map Location 
Project Title: Intersection Improvements at Leeds, Union Valley & N. Simperra Roads	Project Location: Elkton, MD	
Project Description/Status:		
Priority: 30		
This project will consist of geometric improvements and drainage improvements at the intersection.		

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	300							300	
Land Acquisition	150								150
Site Work	300								300
Construction	800								800
Equipment/Furnishings	0								
Other	0								
Total Cost	1,550	0	0	0	0	0	0	300	1,250

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,550							300	1,250
State	0								
Federal	0								
Other	0								
Total Funds	1,550	0	0	0	0	0	0	300	1,250

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 31



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

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	250								250
Land Acquisition	150								150
Site Work	300								300
Construction	800								800
Equipment/Furnishings	0								
Other	0								
Total Cost	1,500	0	0	0	0	0	0	0	1,500

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,500								1,500
State	0								
Federal	0								
Other	0								
Total Funds	1,500	0	0	0	0	0	0	0	1,500

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52668
Project Title: Intersection Improvements at Union Church, Nottingham & Stevenson Rds	Project Location:
Project Description/Status:	Priority: 32



This project will consist of geometric improvements and drainage improvements.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	250								250
Land Acquisition	150								150
Site Work	300								300
Construction	800								800
Equipment/Furnishings	0								
Other	0								
Total Cost	1,500	0	0	0	0	0	0	0	1,500

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,500								1,500
State	0								
Federal	0								
Other	0								
Total Funds	1,500	0	0	0	0	0	0	0	1,500

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52651
Project Title: Dr. Jack Road at Frist Road Intersection Improvements	Project Location:
Project Description/Status:	Priority: 33



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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	250								250
Land Acquisition	150								150
Site Work	300								300
Construction	800								800
Equipment/Furnishings	0								
Other	0								
Total Cost	1,500	0	0	0	0	0	0	0	1,500

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,500								1,500
State	0								
Federal	0								
Other	0								
Total Funds	1,500	0	0	0	0	0	0	0	1,500

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 34



This bridge is a two cell corrugated aluminum plate pipe arch with overall length of 44 feet, a clear roadway width of 22.41 feet and carries approximately 400 vehicles per day. This project consists of full replacement of the bridge.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	300								300
Land Acquisition	150								150
Site Work	100								100
Construction	1,100								1,100
Equipment/Furnishings	0								
Other	0								
Total Cost	1,650	0	0	0	0	0	0	0	1,650

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,650								1,650
State	0								
Federal	0								
Other	0								
Total Funds	1,650	0	0	0	0	0	0	0	1,650

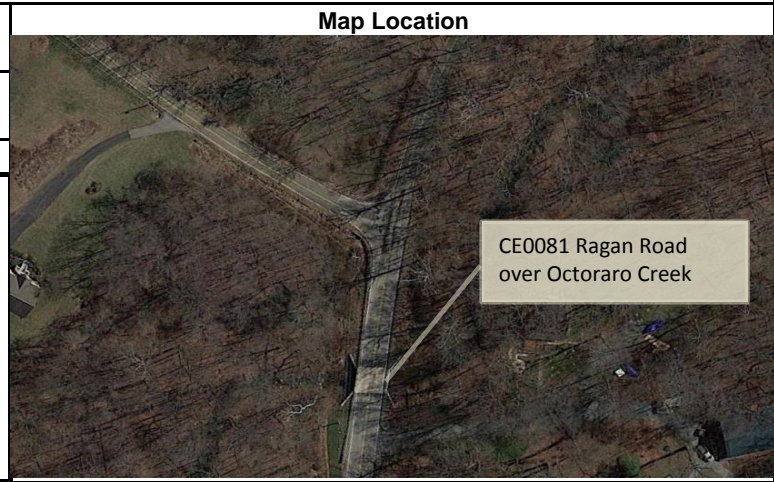
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 35



This is a single span reinforced concrete bridge with an overall length of 17.67 feet, a clear roadway of 21.25 feet and carries approximately 600 vehicles per day.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	300								300
Land Acquisition	150								150
Site Work	100								100
Construction	1,100								1,100
Equipment/Furnishings	0								
Other	0								
Total Cost	1,650	0	0	0	0	0	0	0	1,650

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,650								1,650
State	0								
Federal	0								
Other	0								
Total Funds	1,650	0	0	0	0	0	0	0	1,650

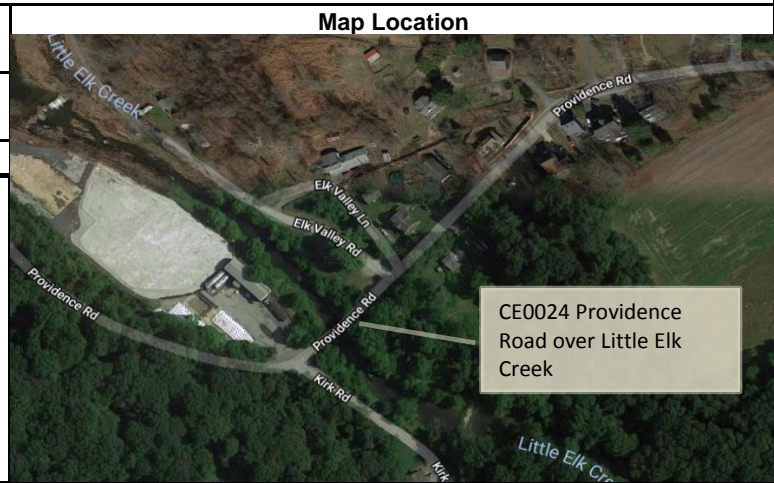
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 36



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 feet, a clear roadway width of 16.33 feet and carries approximately 600 vehicles per day. This project consists of full replacement of the bridge with a minimum of two full travel lanes.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	350								350
Land Acquisition	150								150
Site Work	100								100
Construction	1,800								1,800
Equipment/Furnishings	0								
Other	0								
Total Cost	2,400	0	0	0	0	0	0	0	2,400

FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,400								2,400
State	0								
Federal	0								
Other	0								
Total Funds	2,400	0	0	0	0	0	0	0	2,400

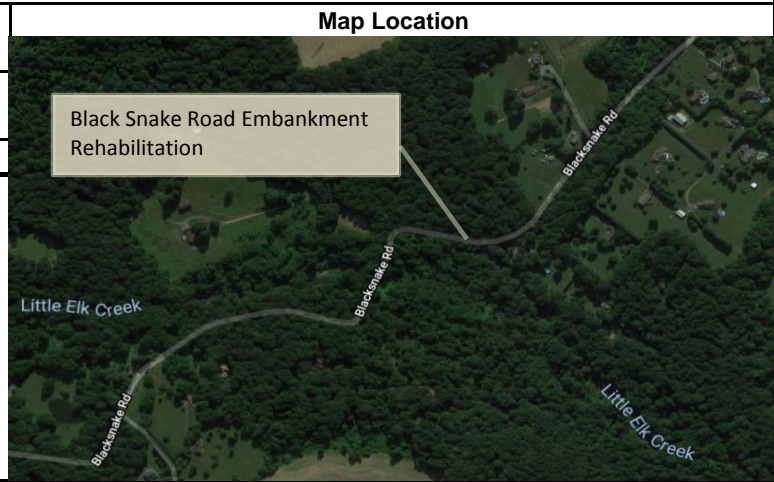
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52698
Project Title: Black Snake Road Embankment Rehabilitation	Project Location: Elkton, MD
Project Description/Status:	Priority: 37



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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	400								400
Land Acquisition	300								300
Site Work	150								150
Construction	3,750								3,750
Equipment/Furnishings	0								
Other	0								
Total Cost	4,600	0	0	0	0	0	0	0	4,600

FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52699
Project Title: Offsite Wetlands Mitigation Projects	Project Location: Elkton, MD
Project Description/Status:	Priority: 38



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

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	500								500
Land Acquisition	250								250
Site Work	200								200
Construction	3,500								3,500
Equipment/Furnishings	0								
Other	0								
Total Cost	4,450	0	0	0	0	0	0	0	4,450

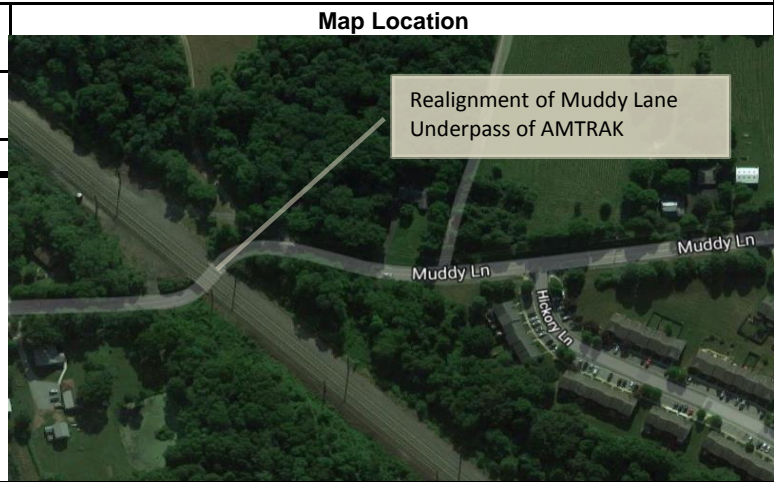
FUNDING SCHEDULE

County Paygo	0								
County Bonds	4,450								4,450
State	0								
Federal	0								
Other	0								
Total Funds	4,450	0	0	0	0	0	0	0	4,450

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

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: 39



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 traveling under the existing overpass.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	600	100							500
Land Acquisition	1,000								1,000
Site Work	250								250
Construction	4,000								4,000
Equipment/Furnishings	0								
Other	0								
Total Cost	5,850	100	0	0	0	0	0	0	5,750

FUNDING SCHEDULE

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

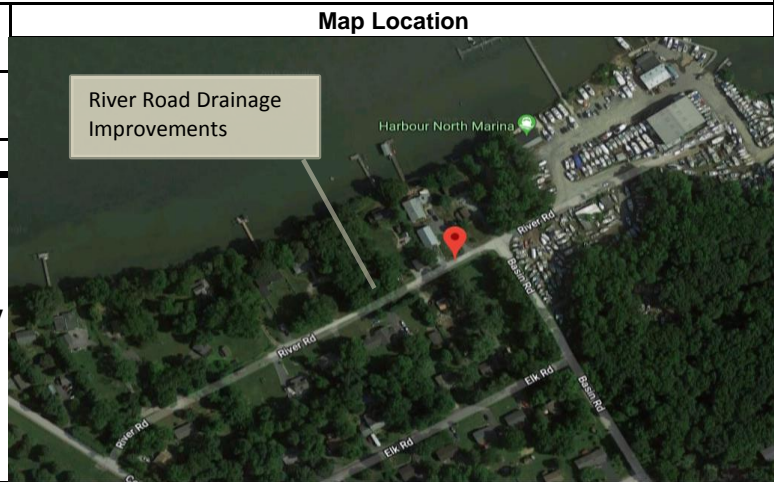
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	25,498
Encumbered	0
Total	25,498

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52672
Project Title: Construct River Road Drainage Improvements	Project Location: Chesapeake City, MD
Project Description/Status:	Priority: 40



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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	100								100
Land Acquisition	125								125
Site Work	200								200
Construction	500								500
Equipment/Furnishings	0								
Other	0								
Total Cost	925	0	0	0	0	0	0	0	925

FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52674
Project Title: Construct Meadowview Subdivision Street Improvements	Project Location: Meadowview, Elkton, MD
Project Description/Status:	Priority: 41



Replace aging and deteriorating curb and pavement, and improve drainage.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	100								100
Land Acquisition	0								
Site Work	50								50
Construction	800								800
Equipment/Furnishings	0								
Other	0								
Total Cost	950	0	0	0	0	0	0	0	950

FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52683
Project Title: Construct Frenchtown Road Drainage Improvements	Project Location: Perryville, MD
Project Description/Status:	Priority: 42



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

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	100								100
Land Acquisition	50								50
Site Work	50								50
Construction	300								300
Equipment/Furnishings	0								
Other	0								
Total Cost	500	0	0	0	0	0	0	0	500

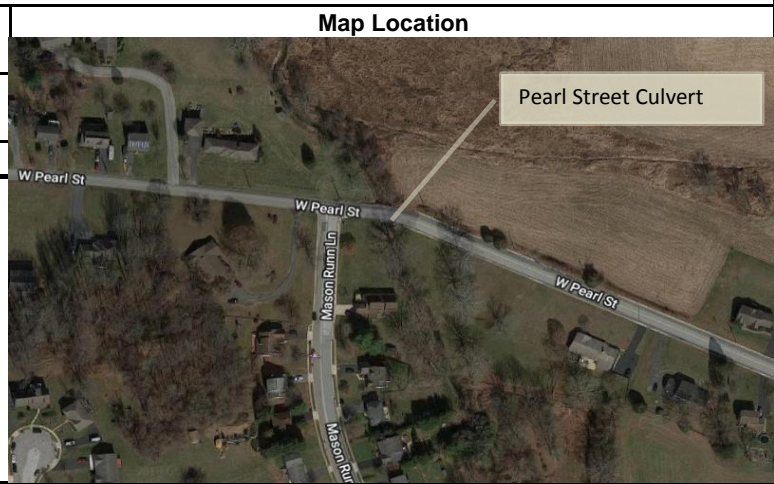
FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:		Financial Activity as of 6/21/2019	
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 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52696
Project Title: Replace Pearl Street Culvert (Mason Runn/Reynolds Avenue)	Project Location: Rising Sun, MD
Project Description/Status:	Priority: 43



This project consists of replacing the existing triple 72 inch reinforced concrete pipes with a new structure, minor approach roadway improvements and traffic safety features.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	250								250
Land Acquisition	100								100
Site Work	150								150
Construction	800								800
Equipment/Furnishings	0								
Other	0								
Total Cost	1,300	0	0	0	0	0	0	0	1,300

FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 44



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 feet.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	350								350
Land Acquisition	200								200
Site Work	200								200
Construction	2,500								2,500
Equipment/Furnishings	0								
Other	0								
Total Cost	3,250	0	0	0	0	0	0	0	3,250

FUNDING SCHEDULE

County Paygo	0	0							
County Bonds	3,250								3,250
State	0								
Federal	0								
Other	0								
Total Funds	3,250	0	0	0	0	0	0	0	3,250

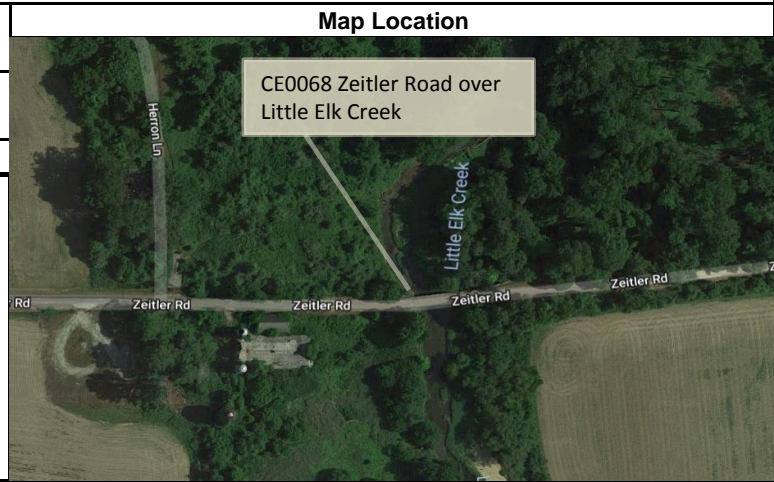
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52647
Project Title: Rehabilitate Bridge CE0068 Zeitler Road over Little Elk Creek	Project Location: Elkton, MD
Project Description/Status:	Priority: 45



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

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	350								350
Land Acquisition	200								200
Site Work	200								200
Construction	2,500								2,500
Equipment/Furnishings	0								
Other	0								
Total Cost	3,250	0	0	0	0	0	0	0	3,250

FUNDING SCHEDULE

County Paygo	0								
County Bonds	3,250								3,250
State	0								
Federal	0								
Other	0								
Total Funds	3,250	0	0	0	0	0	0	0	3,250

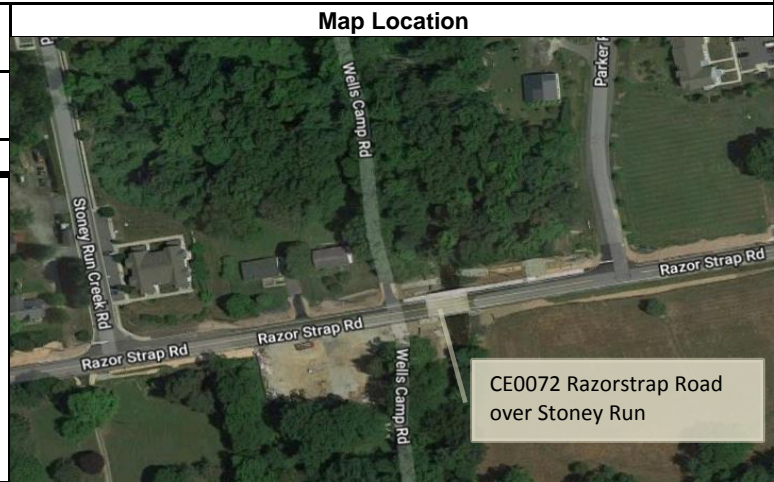
OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form **Cecil County Capital Improvements Program 2020**

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: 46



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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	252	252							
Land Acquisition	140	140							
Site Work	280	280							
Construction	2,203	2,203							
Equipment/Furnishings	0								
Other	0								
Total Cost	2,875	2,875	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	225	225							
County Bonds	2,450	2,450							
State	0								
Federal	0								
Other	200	200							
Total Funds	2,875	2,875	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	6/21/2019
Expended	2,831
Encumbered	110
Total	2,941

Project Form **Cecil County Capital Improvements Program 2020**

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: 47



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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	370	370							
Land Acquisition	930	930							
Site Work	200	200							
Construction	1,521	1,521							
Equipment/Furnishings	0								
Other	0								
Total Cost	3,021	3,021	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	382	382							
County Bonds	2,089	2,089							
State	0								
Federal	0								
Other - Dev. Contribution/VLT	550	550							
Total Funds	3,021	3,021	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	6/21/2019
Expended	2,879
Encumbered	140
Total	3,019

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Roads/Bridges	Project Number: 52019
Project Title: Racine School Road Improvements	Project Location: Elkton, MD
Project Description/Status:	Priority: 48



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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	338	338							
Land Acquisition	114	114							
Site Work	150	150							
Construction	2,299	2,299							
Equipment/Furnishings	0								
Other	0								
Total Cost	2,901	2,901	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	602	602							
County Bonds	2,299	2,299							
State	0								
Federal	0								
Other	0								
Total Funds	2,901	2,901	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	2,853
Annual Operating/Maintenance Cost:	0	Encumbered	215
New Positions (FTE's):	0.0	Total	3,068

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: Parks and Recreation	Project Number: 56015/56016	Map Location	
Project Title: Calvert Regional Park - Development	Project Location: Calvert Phase III		
Project Description/Status: Priority: 1			
History <ul style="list-style-type: none"> • Purchased by the State in 2008 Intent <ul style="list-style-type: none"> • To complete and expand due to user demand and Sports Tourism growth as the first Regional Park in Cecil County. Benefits <ul style="list-style-type: none"> <li style="width: 33%;">• Increased Physical Activity <li style="width: 33%;">• Improved Health <li style="width: 33%;">• Economic Revitalization <li style="width: 33%;">• Safe Family Environment <li style="width: 33%;">• Environmental Education <li style="width: 33%;">• Open Space Stewardship Outcome <ul style="list-style-type: none"> • Parks and open space improve our physical and psychological health, create strong stable communities, provide economic revitalization, and make our neighborhoods more attractive places to live, work, and play. Phase I completed October 2015. Phase II completed October 2017			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,065	965	100						
Land Acquisition	450	450							
Site Work	140	140							
Construction	10,879	5,279	2,700	2,900					
Equipment/Furnishings	506	506							
Other	200		200						
Total Cost	13,240	7,340	3,000	2,900	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	10,864	5,153	2,811	2,900					
State	1,252	1,252							
Federal	0								
Other - VLT	1,124	935	189						
Total Funds	13,240	7,340	3,000	2,900	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	6/21/2019
Expended	6,612
Encumbered	186
Total	<u>6,798</u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: Parks and Recreation	Project Number: 56020
Project Title: Bittersweet Development	Project Location: 213/Williams Road
Project Description/Status: Priority: 2	
History <ul style="list-style-type: none"> • Purchased by the State in 2018 Intent <ul style="list-style-type: none"> • To provide a centrally located County park for recreation (fishing, trails, bird watching) and the purchase of amenities for public use on the north side of Williams Road. Benefits <ul style="list-style-type: none"> • Increased Physical Activity • Improved Health • Economic Revitalization • Safe Family Environment • Environmental Education • Open Space Stewardship Outcome <ul style="list-style-type: none"> • Parks and open space improve our physical and psychological health, create strong stable communities, provide economic revitalization, and make our neighborhoods more attractive places to live, work, and play. 	



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	500	0	125	125	125	125			
Land Acquisition	953	953							
Site Work	0	0							
Construction	0	0							
Equipment/Furnishings	400	400							
Other	8	8							
Total Cost	1,861	1,361	125	125	125	125	0	0	0


FUNDING SCHEDULE

County Paygo	0								
County Bonds	708	208	125	125	125	125			
State	953	953							
Federal	200	200							
Other - VLT	0	0							
Total Funds	1,861	1,361	125	125	125	125	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	6/21/2019
Expended	1,282
Encumbered	0
Total	<u><u>1,282</u></u>

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: Parks and Recreation	Project Number: 56019	Map Location	
Project Title: Bo Manor Synthetic Turf - Development	Project Location: Bo Manor High School		
Project Description/Status: _____ Priority: 3			
History <ul style="list-style-type: none"> All Cecil County High Schools have, and continue to, play on natural grass surfaces which need renovating. Intent <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. Benefits <ul style="list-style-type: none"> Synthetic turf fields are safer, require less maintenance, are environmentally friendly, and extend daily and seasonal participation levels. Outcome <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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	80	80							
Land Acquisition	0								
Site Work	0								
Construction	727	727							
Equipment/Furnishings	314	314							
Other	0								
Total Cost	1,121	1,121	0	0	0	0	0	0	0


FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,121	1,121							
State	0								
Federal	0								
Other - VLT	0								
Total Funds	1,121	1,121	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	6/21/2019
Expended	1,117
Encumbered	0
Total	<u><u>1,117</u></u>

Project Form		Cecil County Capital Improvements Program 2020	
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: 4			
History <ul style="list-style-type: none"> All Cecil County High Schools have, and continue to, play on natural grass surfaces which need renovating. Intent <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. Benefits <ul style="list-style-type: none"> Synthetic turf fields are safer, require less maintenance, are environmentally friendly, and extend daily and seasonal participation levels. Outcome <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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	70		70						
Land Acquisition	0								
Site Work	0								
Construction	1,010		1,010						
Equipment/Furnishings	420		420						
Other	0								
Total Cost	1,500	0	1,500	0	0	0	0	0	0


FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,500		1,500						
State	0								
Federal	0								
Other - VLT	0								
Total Funds	1,500	0	1,500	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	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: Parks and Recreation	Project Number:	Map Location	
Project Title: Rising Sun Synthetic Turf - Development	Project Location: Rising Sun High School		
Project Description/Status: _____ Priority: 5			
History <ul style="list-style-type: none"> All Cecil County High Schools have, and continue to, play on natural grass surfaces which need renovating. Intent <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. Benefits <ul style="list-style-type: none"> Synthetic turf fields are safer, require less maintenance, are environmentally friendly, and extend daily and seasonal participation levels. Outcome <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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	80	0			80				
Land Acquisition	0								
Site Work	0	0							
Construction	706	0			706				
Equipment/Furnishings	320	0			320				
Other	0								
Total Cost	1,106	0	0	0	1,106	0	0	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	1,106	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020	
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			
History <ul style="list-style-type: none"> All Cecil County High Schools have, and continue to, play on natural grass surfaces which need renovating. Intent <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. Benefits <ul style="list-style-type: none"> Synthetic turf fields are safer, require less maintenance, are environmentally friendly, and extend daily and seasonal participation levels. Outcome <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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
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	1,120	0	0	0


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	1,120	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	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: Parks and Recreation	Project Number: 56017	Map Location	
Project Title: Elk River DMP	Project Location: Elk River Park, Elkton, MD		
Priority: Completed			
<p>State driven project to expand capacity to 70,000 cubic yards. Project requested for future river dredging spoils.</p>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,113	1,113							
Land Acquisition	0								
Site Work	0								
Construction	1,793	893	900						
Equipment/Furnishings	0								
Other	40		40						
Total Cost	2,946	2,006	940	0	0	0	0	0	0


FUNDING SCHEDULE

County Paygo	0								
County Bonds	0								
State	2,946	2,006	940						
Federal	0								
Other	0								
Total Funds	2,946	2,006	940	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	6/21/2019
Expended	1,964
Encumbered	35
Total	1,999

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: Facilities Management	Project Number:	Map Location	
Project Title: Health Department Parking Lot & Curbing	Project Location: 401 Bow St Elkton		
Project Description/Status: 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.			
Priority:			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	50								50
Land Acquisition	0								
Site Work	0								
Construction	325								325
Equipment/Furnishings	0								
Other	0								
Total Cost	375	0	0	0	0	0	0	0	375

FUNDING SCHEDULE

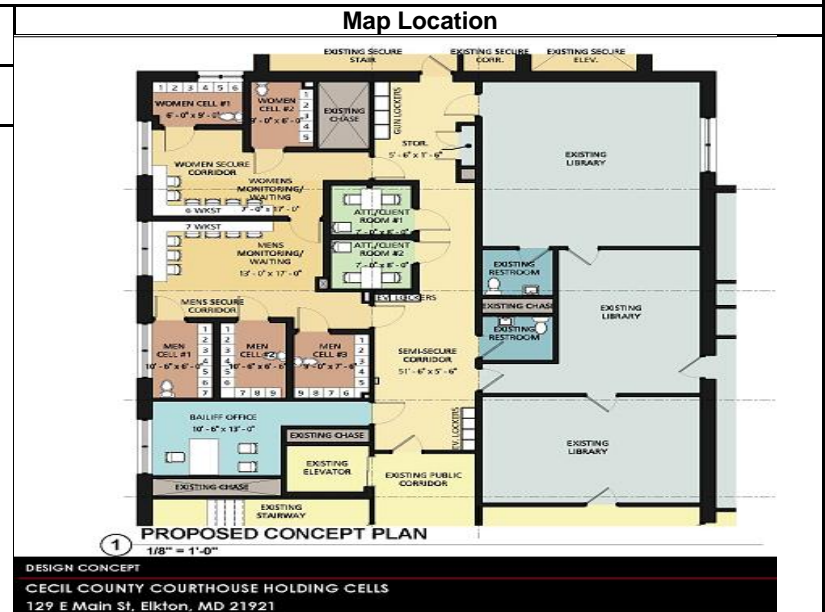
County Paygo	0								
County Bonds	375								375
State	0								
Federal	0								
Other	0								
Total Funds	375	0	0	0	0	0	0	0	375

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	6/21/2019
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	<u><u>0</u></u>

Cecil County Capital Improvements Program 2020

Agency/Department: Courthouse	Project Number: 58041
Project Title: Courthouse Holding Cell Renovations	Project Location: 129 E. Main St. Elkton
Project Description/Status: Priority: 1	
<p>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. Project is being procured using the GMP method and is in the final stages of design. Current costs to construct are estimated to be greater than budget. Adjustments are currently being made to design allowing the project team to feel confident the project will be able to be completed with the additional budget of \$160,000.</p>	



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	55	55							
Land Acquisition	0								
Site Work	0								
Construction	610	610							
Equipment/Furnishings	60	60							
Other	25	25							
Total Cost	750	750	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	750	750							
State	0								
Federal	0								
Other	0								
Total Funds	750	750	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	6/21/2019
Expended	656
Encumbered	67
Total	723

Cecil County Capital Improvements Program 2020

Agency/Department: Courthouse	Project Number:
Project Title: Renovate Courtroom #3	Project Location: 129 E. Main St. Elkton
Project Description/Status:	Priority: 2
<p>The existing Courtroom #3, Judge's Chambers, Clerk's Office, Jury Deliberation Room and bathrooms at the Cecil County Courthouse total approximately 3,100 GSF. These areas will be reconfigured and renovated. The existing HVAC equipment will be removed and replaced. A new DOAS unit, to provide code required ventilation, and an AHU dedicated to Courtroom #3 will be installed on the roof of the building. Ductwork to and from the rooftop units will be routed through chases to the second floor to ceiling or soffit mounted grilles. Floor standing, 4 pipe fan coil units will provide space conditioning in the other rooms. Plumbing fixtures will be replaced, but will reuse the existing and sanitary and domestic water piping. Fire sprinklers will be reconfigured, as required, to provide proper protection for the reconfigured rooms. The electrical service to the spaces is presumed to be adequate for the renovations. Electrical devices, data/IT jacks and audio/visual systems will be installed. New LED lighting will be provided in all rooms.</p>	



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	750		750						
Equipment/Furnishings	0								
Other	0								
Total Cost	750	0	750	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	750		750						
State	0								
Federal	0								
Other	0								
Total Funds	750	0	750	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	6/21/2019
Expended	0
Encumbered	0
Total	0

Cecil County Capital Improvements Program 2020

Agency/Department: **Courthouse** Project Number:

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

Project Description/Status: Priority:

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.

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	50			50					
Land Acquisition	0								
Site Work	0								
Construction	300				300				
Equipment/Furnishings	0								
Other	0								
Total Cost	350	0	0	50	300	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	350			50	300				
State	0								
Federal	0								
Other	0								
Total Funds	350	0	0	50	300	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 6/21/2019
 Expended 0
 Encumbered 0
 Total 0

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department:
Sheriff's Office

Project Number:
58042

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. The project is being procured using the GMP delivery method and as it nears final design, the need for ballistic doors, high security bullet proof glass, and soundproofing in certain areas has increased the price to complete the most basic aspects the project is trying to achieve.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	112	62		50					
Land Acquisition	0								
Site Work	0								
Construction	1,626	708			918				
Equipment/Furnishings	93	93							
Other	0								
Total Cost	1,831	863	0	50	918	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,831	863		50	918				
State	0								
Federal	0								
Other	0								
Total Funds	1,831	863	0	50	918	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 6/21/2019
 Expended 819
 Encumbered 19
Total 838

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: **Dept. Community Services** Project Number: **58043**

Project Title: **Road Overlay and Fencing** Project Location: **Cecil Co. Animal Services**

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

The proposed CIP project seeks to improve fencing and paving efforts at Cecil County Animal Services. Specifically, the project will repave the parking areas and driveways, create a walking path and replace an existing walkway. The estimated cost associated with paving the parking areas/driveways is \$66,000 and includes milling/grinding and re-grading the existing asphalt/tar & chip/etc. to make a homogeneous stable base, 2" asphalt base and 1.5" asphalt surface. The walking path is estimated to be approximately \$20,000 (may involve undercutting to find stable subgrade and excavating); and replacement of an existing concrete walkway is estimated to be \$4,000. 10-20% variance/contingency will be factored into the total costs estimates and design is estimated to be \$7,000. Fencing includes installation of a 470ft, 6ft high, chain link system with a 50ft double slide gate opening- Approx. \$16,750; installation of a 50X40ft dog play area (6ft high, chain link)-approx. \$5,900 and installation of a 50ft wide gate with electric opener-approx-\$16,800.



Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	7	7							
Land Acquisition	0								
Site Work	0								
Construction	147	147							
Equipment/Furnishings	0								
Other	0								
Total Cost	154	154	0	0	0	0	0	0	0


FUNDING SCHEDULE

County Paygo	0								
County Bonds	154	154							
State	0								
Federal	0								
Other	0								
Total Funds	154	154	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 **6/21/2019**
 Expended **70**
 Encumbered **29**
Total **99**

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: Information Technology	Project Number: 61002	Map Location	
Project Title: Broadband Technologies Opportunity Prog.	Project Location: Various County Facilities, etc.		
Project Description/Status: Priority:			
<p>The Broadband Technology Opportunities Program (BTOP) from the State of Maryland is intended to support the deployment of broadband infrastructure to connect "community anchor institutions" such as governments and public safety facilities. These networks help ensure sustainable community growth and provide the foundation for enhanced household and business broadband internet services. Entities to participate in the project are the CCPS, Cecil College, Cecil Public Library and CCG. The program envisions that user entities will pay certain annual operating costs and certain costs for connections. Related expenses are annual costs associated with the ISP, leasing of fiber space, equipment purchases, creation of hub sites at Bo Manor Middle/High and Perryville Middle Schools, switches, firewalls, backup generators, and uninterruptible power sources. Total project assumes \$969,600 in capital equipment at CCPS, Cecil College, Cecil Public Library, and CCGOV, as well as an annual amount due for managed services of \$329,620, split four ways. Project is in close out phase.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
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	6/21/2019
Expended	802,993
Encumbered	0
Total	802,993

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: Information Technology	Project Number: 61003	Map Location	
Project Title: Permitting System	Project Location: Various County Facilities, etc.		
Project Description/Status:		Priority:	
<p>The current permitting software was selected about 8 years ago and was installed in phases through 2012. The software vendor has been sold several times and is currently minimally supported. New permitting software would support a web interface that would allow filing, payment, and possibly exchange of files by permit applicants. The software would serve the Permits & Licenses dept, Planning Dept, DPW Stormwater Mgt, Finance, and other departments. The software's features include incentives for ease of Economic Development through speed and ease of access compared to physical trips to the Administrative Offices.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	900	900							
Other	0								
Total Cost	900	900	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	900	900							
State	0								
Federal	0								
Other	0								
Total Funds	900	900	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	6/21/2019
Expended	717
Encumbered	13
Total	<u>730</u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department:
DPW-Waste Water

Project Number:
55069

Project Title:
Replace Port Deposit WWTP

Project Location:
Port Deposit, MD

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

The existing Port Deposit Wastewater Treatment Plant (WWTP) is 40 years old and on the bank of the Susquehanna 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. The project will serve existing Port Deposit, redevelopment of the Bainbridge site and other users within the service area.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	349	349							
Land Acquisition	0								
Site Work	2,010	2,010							
Construction	3,495	3,495							
Equipment/Furnishings	2,883	2,883							
Other	0								
Total Cost	8,737	8,737	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	8,737	8,737							
State	0								
Federal	0								
Other	0								
Total Funds	8,737	8,737	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): 0.4

Financial Activity as of 6/21/2019
 Expended 2,011
 Encumbered 658
Total 2,669

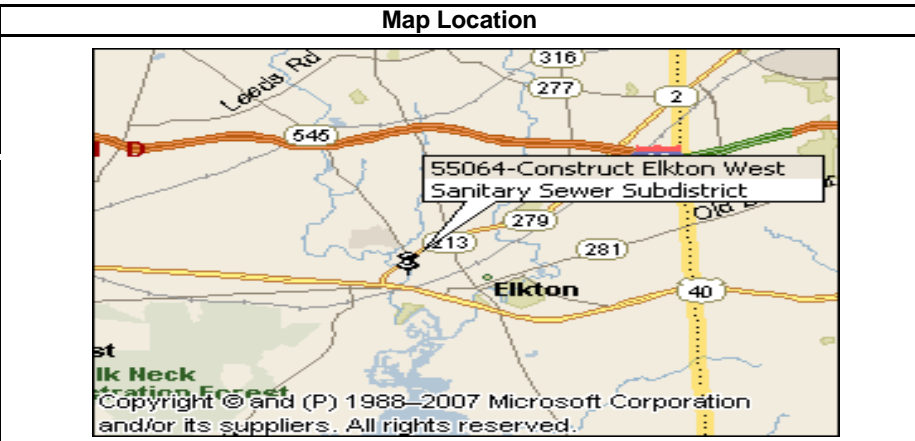
Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Waste Water **Project Number:** 55064

Project Title: Construct Elkton West Sanitary Sewer Sub. **Project Location:** Elkton, MD

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

This project provides for the design, ROW, utility relocation, and construction of initial facilities (i.e., pump stations, force mains, gravity sewer, etc.) to serve this new service area. Marley Road (Phase I) and Mill Run (Phase 2) sewer extensions are currently in construction. Once construction of Phase 3A and 3B is complete FY 2020/2021, County sewer service will be provided along the Route 40 corridor within the Elkton West Service Area from Route 279 to Marley Road. Future phases include Phase 3C to serve the Triumph Industrial Park, Phase 4A/4B that will expand the Mill Run collection system, Phase 5 along Old Philadelphia Road, Phase 6 along Blue Ball Road, and Phase 7 to serve potential development south of the I-95/Route 279 interchange.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	5,500	2,300	500	400	600	700	500	500	
Land Acquisition	1,578	878		100	300	300			
Site Work	0								
Construction	34,429	7,829	8,500	3,000	1,600	6,000	4,000	3,500	
Equipment/Furnishings	0								
Other	0								
Total Cost	41,507	11,007	9,000	3,500	2,500	7,000	4,500	4,000	0

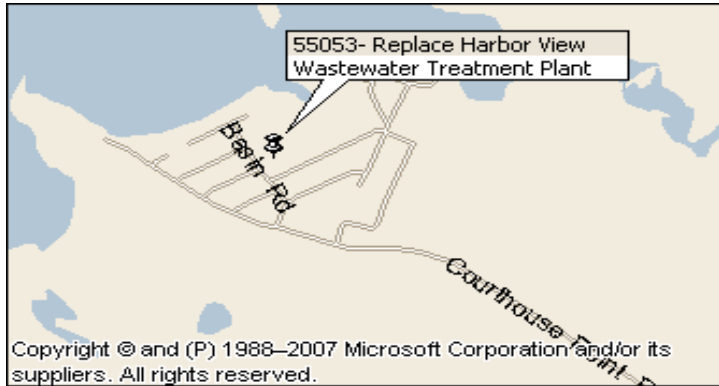
FUNDING SCHEDULE

County Paygo	278	278							
County Bonds	30,159	2,659	9,000	3,500	1,000	7,000	4,500	2,500	
State	0								
Federal	8,070	8,070							
Other	3,000				1,500			1,500	
Total Funds	41,507	11,007	9,000	3,500	2,500	7,000	4,500	4,000	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: 0
 Annual Operating/Maintenance Cost: 6,000
 New Positions (FTE's): 0.1


Financial Activity as of 6/21/2019
 Expended 4,829
 Encumbered 5,541
Total 10,370

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water	Project Number: 55053	Map Location	
Project Title: Replace Harbor View WWTP	Project Location: Harbor View, Chesapeake City, MD		
Project Description/Status:	Priority: 3		
<p>This project will construct an Enhanced Nutrient Removal (ENR) WWTP plant to replace the aging conventional WWTP. The new WWTP will have the same treatment capacity as the existing plant, i.e., 65,000 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 has received an ENR grant through the Bay Restoration Fund for 72% of the project cost. Project is in construction.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	550	550							
Land Acquisition	0								
Site Work	0								
Construction	7,632	7,632							
Equipment/Furnishings	0								
Other	0								
Total Cost	8,182	8,182	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	3,050	3,050							
State	5,132	5,132							
Federal	0								
Other	0								
Total Funds	8,182	8,182	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	1,976
Annual Operating/Maintenance Cost:	10,000	Encumbered	4,814
New Positions (FTE's):	0.4	Total	<u>6,790</u>

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water	Project Number: 55070	Map Location	
Project Title: Construct CECO to Cherry Hill Connection	Project Location: Cherry Hill, MD		
Project Description/Status: This project will be completed in two phases to construct a force main and pump station to connect CECO WW System into the County sewer system at Cherry Hill. MDE has agreed to fund Phase I of the project at 2.8 million in project costs. The second phase, which includes decommissioning of the existing plant and lagoons will be funded by MDE and is planned in FY2020.			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	0								
Land Acquisition	0								
Site Work	0								
Construction	4,850	2,850	2,000						
Equipment/Furnishings	0								
Other	0								
Total Cost	4,850	2,850	2,000	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	0								
State	4,850	2,850	2,000						
Federal	0								
Other	0								
Total Funds	4,850	2,850	2,000	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	302
Annual Operating/Maintenance Cost:	3,000	Encumbered	229
New Positions (FTE's):	0.1	Total	531

Project Form **Cecil County Capital Improvements Program 2020**

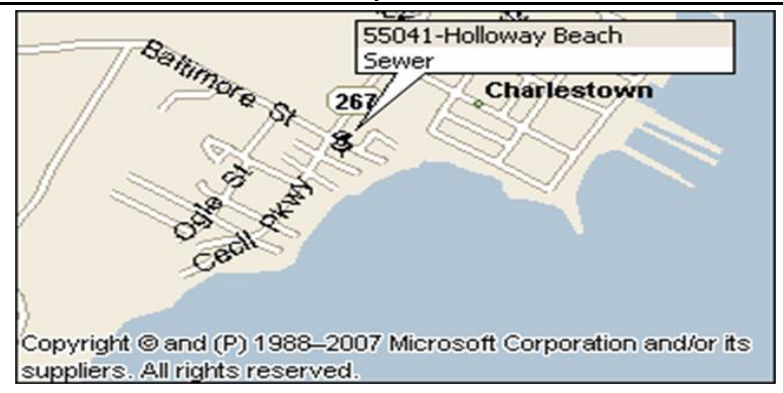
Agency/Department: DPW-Waste Water **Project Number:** 55041

Project Title: Construct Holloway Beach Sewer **Project Location:** Holloway Beach, Charlestown, MD

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

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. Funding will include BRF grants. Connections fees and a benefit assessment may also help offset project costs.

Map Location



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	250	200							50
Land Acquisition	150	150							
Site Work	0								
Construction	2,300								2,300
Equipment/Furnishings	0								
Other	0								
Total Cost	2,700	350	0	0	0	0	0	0	2,350

FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,120	350							1,770
State	580								580
Federal	0								
Other	0								
Total Funds	2,700	350	0	0	0	0	0	0	2,350

OPERATING BUDGET IMPACT:

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

Financial Activity as of 6/21/2019
 Expended 175
 Encumbered 12
Total 187

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water		Project Number: TBD	
Project Title: Replace Washington St. Forcemain-Air Releases		Project Location: North East, MD	
Project Description/Status:		Priority: 6	
<p>During routine maintenance it was found that several valves and air releases are frozen and need to be replaced in order to keep this critical infrastructure operational. These repairs will require installation of bypass piping, new valve vaults, and will need to be done during off peak/night time hours and using a coordinated bypass pumping effort.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	200		200						
Land Acquisition	0								
Site Work	0								
Construction	500			500					
Equipment/Furnishings	0								
Other	0								
Total Cost	700	0	200	500	0	0	0	0	0

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


OPERATING BUDGET IMPACT:				Financial Activity as of		6/21/2019	
Estimated Annual Debt Service Cost:	0			Expended	0		
Annual Operating/Maintenance Cost:	0			Encumbered	0		
	0.0			Total	0	0	

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water	Project Number: TBD	Map Location	
Project Title: Bayview Interceptor Sewer Repair	Project Location:		
Project Description/Status: Priority: 7			
<p>During inspections of the Stoney Run sewer interceptor in the Bayview area, it was found that the stream had undermined the sewer. A temporary emergency repair was completed in Fall 2018. Additional repairs are required at several locations along the interceptor. The project design will evaluate the use of armoring and stream restoration to ensure the long term stability of the sewer.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	200		200						
Land Acquisition	0								
Site Work	0								
Construction	800			800					
Equipment/Furnishings	0								
Other	0								
Total Cost	1,000	0	200	800	0	0	0	0	0

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

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020	
Agency/Department: DPW-Waste Water	Project Number: 55031	Map Location	
Project Title: Construct Rt 40 W. Sanitary Sewer Subdist	Project Location: North East, MD		
Project Description/Status: Priority: 8			
<p>Construction of sewer collection 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 extended sewer from Wells Camp to Red Toad Road. Phase 2 will construct a pump station, force main and collection system to extend sewer west from Phase 1. Phase 1: COMPLETE. Phase 2: UNDER DESIGN.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	830	380		450					
Land Acquisition	100			100					
Site Work	0								
Construction	4,900	1,750		3,150					
Equipment/Furnishings	0								
Other	0								
Total Cost	5,830	2,130	0	3,700	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	150	150							
County Bonds	5,680	1,980		3,700					
State	0								
Federal	0								
Other	0								
Total Funds	5,830	2,130	0	3,700	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	1,303
Annual Operating/Maintenance Cost:	0	Encumbered	159
New Positions (FTE's):	0.1	Total	<u>1,462</u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Waste Water	Project Number: 55057
Project Title: Construct Rock Run Road Sewer Extension	Project Location: Port Deposit
Project Description/Status:	Priority: 9

Map Location

The map shows a section of Cecil County, Maryland. Key features include Granite Knoll Farms to the north, Rock Run Rd running east-west, and N Main St running north-south. A callout box with a pointer indicates the project location: '55057-Construct Rock Run Road Sewer Extension'. The map also shows the Chesapeake Bay to the southwest and the Jacob Tonia Memorial to the southeast. Copyright information at the bottom reads: 'Copyright © and (P) 1988–2007 Microsoft Corporation and/or its suppliers. All rights reserved.'

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 NERAWWTP expansion.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	175								175
Land Acquisition	0								
Site Work	0								
Construction	1,000								1,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,175	0	0	0	0	0	0	0	1,175


FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:

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

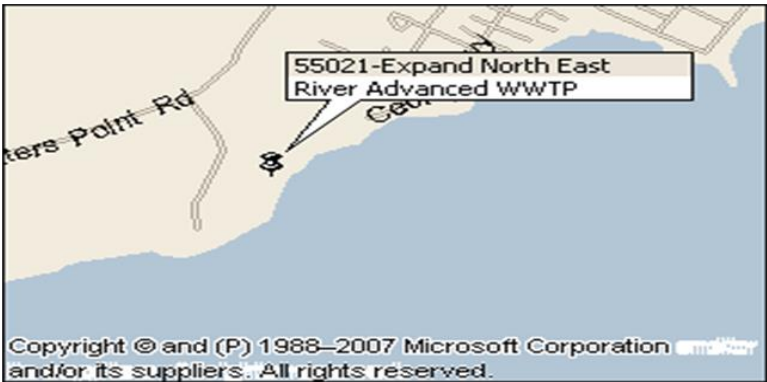
Financial Activity as of	6/21/2019
Expended	0
Encumbered	0
Total	0

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water	Project Number: 55072	Map Location	
Project Title: Expand Route 40 Interceptor	Project Location: Elkton, MD		
Project Description/Status: Priority: 10			
<p>This project provides for the design engineering, ROW, utility relocation, and construction to upgrade 6800 linear feet of existing 8 inch sewer mains to 15 inch sewer interceptor along Route 40 from manhole 3324 to the Route 40 Pump Station. This project will be triggered by the growth of the Mill Run Pump Station and the Marley Road flows.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	200					200			
Land Acquisition	0								
Site Work	0								
Construction	5,000						2,500		2,500
Equipment/Furnishings	0								
Other	0								
Total Cost	5,200	0	0	0	0	200	2,500	0	2,500

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	5,200					200	2,500		2,500
State	0								
Federal	0								
Other	0								
Total Funds	5,200	0	0	0	0	200	2,500	0	2,500

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020	
Agency/Department: DPW-Waste Water	Project Number: 55021	Map Location 	
Project Title: Expand NERAWWTP	Project Location: NERA WWTP, Perryville, MD		
Project Description/Status:	Priority: 11		
<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 NERAWWTP beginning with the construction of a new sludge dewatering facility Phase 1 expansion to 4.5 mgd, new control and maintenance building, Phase 2 Expansion to 9 mgd; Phase 3 Expansion 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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	2,762	862				100	500		1,300
Land Acquisition	0								
Site Work	0								
Construction	32,400							8,400	24,000
Equipment/Furnishings	0								
Other	0								
Total Cost	35,162	862	0	0	0	100	500	8,400	25,300


FUNDING SCHEDULE

County Paygo	0								
County Bonds	35,162	862				100	500	8,400	25,300
State	0								
Federal	0								
Other	0								
Total Funds	35,162	862	0	0	0	100	500	8,400	25,300

OPERATING BUDGET IMPACT:

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

Financial Activity as of	6/21/2019
Expended	862
Encumbered	0
Total	862

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water		Project Number: 55073	
Project Title: Expand Washington Street Forcemain		Project Location: North East, MD	
Project Description/Status:		Priority: 12	
<p>Due to the expansion of the NERA WWTP collection system to include Principio Business Park, Elkton West and other areas, the forcemain will need to be expanded. It is envisioned that the first phase will install a second forcemain parallel to the existing forcemain from the treatment plant to the Principio Pump Station. Future phases may expand the forcemain further east.</p>			
Map Location 			


EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	250						250		
Land Acquisition	250							150	100
Site Work	0								
Construction	3,500								3,500
Equipment/Furnishings	0								
Other	0								
Total Cost	4,000	0	0	0	0	0	250	150	3,600

FUNDING SCHEDULE

County Paygo	0								
County Bonds	4,000						250	150	3,600
State	0								
Federal	0								
Other	0								
Total Funds	4,000	0	0	0	0	0	250	150	3,600

OPERATING BUDGET IMPACT:		Financial Activity as of	
Estimated Annual Debt Service Cost:	0	Expended	6/21/2019 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 2020	
Agency/Department: DPW-Waste Water	Project Number: TBD	Map Location 	
Project Title: Evaluate and Upgrade North East Harbors Collection System	Project Location: North East		
Project Description/Status:	Priority: 13		
<p>This low pressure system will need upgrades and repairs based on the current trend of periodic maintenance and the expected lifespan of the existing system.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	150						150		
Land Acquisition	0								
Site Work	0								
Construction	0								
Equipment/Furnishings	500							500	
Other	0								
Total Cost	650	0	0	0	0	0	150	500	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	650						150	500	
State	0								
Federal	0								
Other	0								
Total Funds	650	0	0	0	0	0	150	500	0


OPERATING BUDGET IMPACT:			Financial Activity as of	6/21/2019
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 2020	
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: 14	
<p>The sewage collection system in Port Deposit includes the Town Hall and Vanort Road Sewage Pump Stations that are in need of repair and upgrade. This project will improve these stations resiliency to flooding, upgrade controls and provide portable backup generators and connections. This will prevent breakdowns in operations which will protect public health and the environment.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	250	125							125
Land Acquisition	0								
Site Work	0								
Construction	1,000								1,000
Equipment/Furnishings	0								
Other	0								
Total Cost	1,250	125	0	0	0	0	0	0	1,125

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

OPERATING BUDGET IMPACT:			Financial Activity as of	6/21/2019
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 2020	
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 (ongoing); Phase 2 - expand to 1.5 mgd; Phase 3 expand to 3 mgd; Phase 4 expand to 4.8 mgd.</p>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	30								30
Land Acquisition	400								400
Site Work	0								
Construction	1,750								1,750
Equipment/Furnishings	0								
Other	0								
Total Cost	2,180	0	0	0	0	0	0	0	2,180

FUNDING SCHEDULE

County Paygo	0								
County Bonds	2,180								2,180
State	0								
Federal	0								
Other	0								
Total Funds	2,180	0	0	0	0	0	0	0	2,180

OPERATING BUDGET IMPACT:			Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0		Expended	0
Annual Operating/Maintenance Cost:	0		Encumbered	0
New Positions (FTE's):	0.0		Total	0

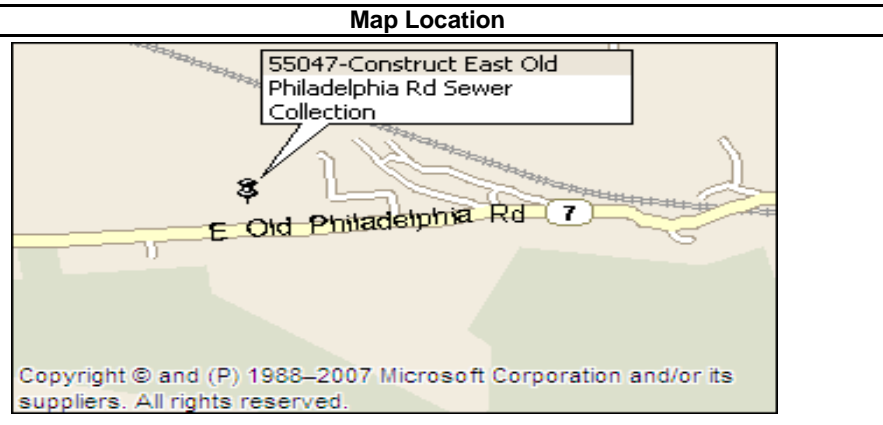
Project Form **Cecil County Capital Improvements Program 2020**

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:** 16

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.



EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	290								290
Land Acquisition	50								50
Site Work	0								
Construction	1,500								1,500
Equipment/Furnishings	0								
Other	0								
Total Cost	1,840	0	0	0	0	0	0	0	1,840

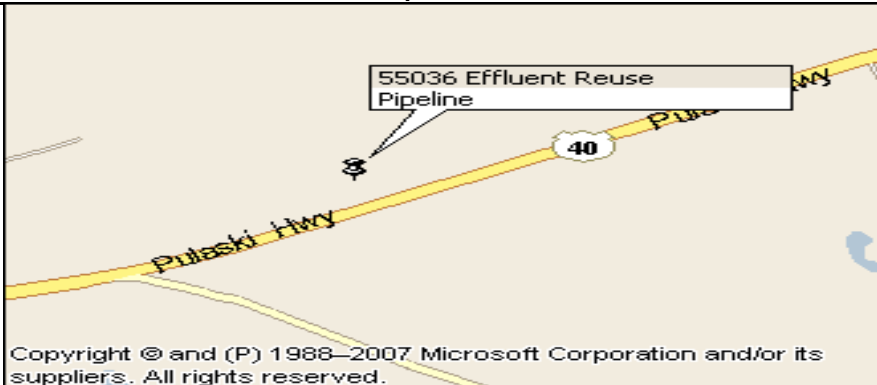
FUNDING SCHEDULE

County Paygo	0								
County Bonds	1,840								1,840
State	0								
Federal	0								
Other	0								
Total Funds	1,840	0	0	0	0	0	0	0	1,840

OPERATING BUDGET IMPACT:

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

Financial Activity as of 6/21/2019
 Expended 0
 Encumbered 0
 Total 0

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water	Project Number: 55036	Map Location	
Project Title: Construct Effluent Reuse Pipeline	Project Location: North East Area , MD		
Project Description/Status:	Priority: 17		
<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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	350								350
Land Acquisition	0								
Site Work	0								
Construction	3,500								3,500
Equipment/Furnishings	0								
Other	0								
Total Cost	3,850	0	0	0	0	0	0	0	3,850

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

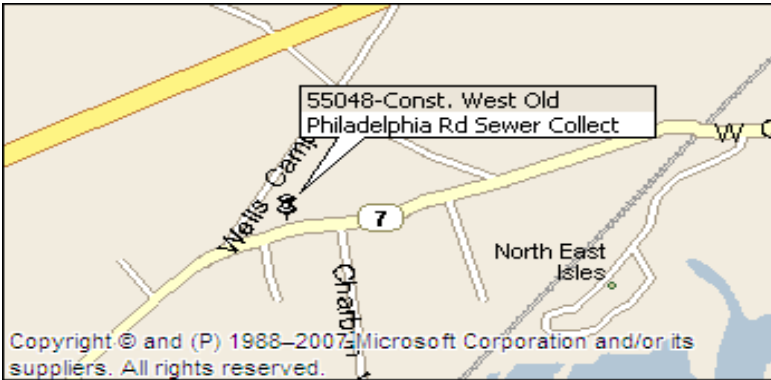
OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	0
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	0

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water	Project Number: 55071	Map Location	
Project Title: Improve Septage Acceptance Station	Project Location: Central Landfill, Elkton, MD		
Project Description/Status:	Priority: 18		
<p>This project will make improvements to the existing Septage Acceptance Station. Improvements will include evaluation of available technology, location and procedures and construction of a new or upgraded facility to enhance customer experience and reduce operating costs.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	40								40
Land Acquisition	0								
Site Work	160								160
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	200	0	0	0	0	0	0	0	200

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	200								200
State	0								
Federal	0								
Other	0								
Total Funds	200	0	0	0	0	0	0	0	200

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020	
Agency/Department: DPW-Waste Water	Project Number: 55048	Map Location	
Project Title: Construct West Old Philadelphia Rd. Sewer Collection System	Project Location: North East, MD		
Project Description/Status: Priority: 19			
<p>This project will construct a sewer collection system consisting of gravity sewer, force main and one (1) pump station from near Red Toad Rd, to west of Wells Camp Rd. This will eliminate on-lot septic systems in accordance with the new Maryland Chesapeake Bay Watershed Implementation Plan, improve water quality, eliminate potential public health concerns, earn nutrient credits for NRAWWTP expansion, and help meet the nutrient TMDL (total maximum daily load) for the Northeast River.</p>			

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	150								150
Land Acquisition	0								
Site Work	850								850
Construction	0								
Equipment/Furnishings	0								
Other	0								
Total Cost	1,000	0	0	0	0	0	0	0	1,000

FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:

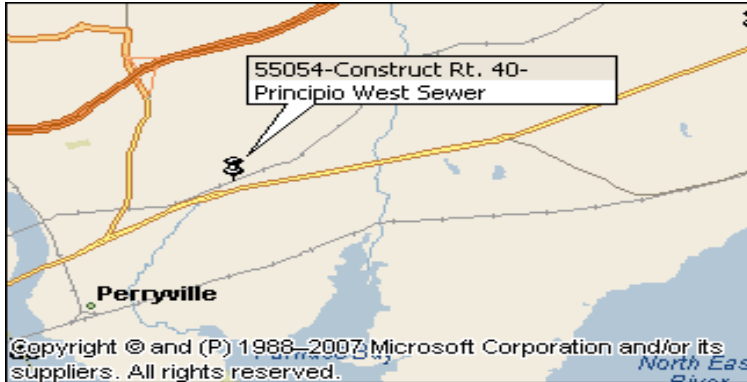
Estimated Annual Debt Service Cost:	0			Financial Activity as of	6/21/2019
Annual Operating/Maintenance Cost:	0			Expended	0
New Positions (FTE's):	0.0			Encumbered	0
				Total	0

Project Form		Cecil County Capital Improvements Program 2020	
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: 20		
<p>This project will construct a sewage pumping station, 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 Northeast River.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
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	6/21/2019
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 2020	
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: 21			
<p>This project will provide sewer service along Route 40 from Principio Business Park 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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	200								200
Land Acquisition	0								
Site Work	0								
Construction	8,500								8,500
Equipment/Furnishings	0								
Other	0								
Total Cost	8,700	0	0	0	0	0	0	0	8,700

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	8,700								8,700
State	0								
Federal	0								
Other	0								
Total Funds	8,700	0	0	0	0	0	0	0	8,700

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020	
Agency/Department: DPW-Waste Water		Project Number: 55062	
Project Title: I&I-Meadowview, Cherry Hill, Highlands		Project Location: Elkton	
Project Description/Status:		Priority: 22	
<p>Inflow and infiltration study (televising lines, smoke testing, etc.) remediation design (slip lining, line replacement, grouting) and construction of repairs. The Meadowview collection system is composed mostly of terracotta pipe that is over 50 years old and is highly susceptible to infiltration problems. Prior funding was spent on phase 1 repairs from 2017 to 2018. A second phase of the project will be required to maintain the existing systems in 2027 and going forward on approximately ten year intervals.</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	100	100							
Land Acquisition	0								
Site Work	0								
Construction	952	952							
Equipment/Furnishings	0								
Other	0								
Total Cost	1,052	1,052	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	167	167							
County Bonds	885	885							
State	0								
Federal	0								
Other	0								
Total Funds	1,052	1,052	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	934
Annual Operating/Maintenance Cost:	0	Encumbered	37
New Positions (FTE's):	0.0	Total	971

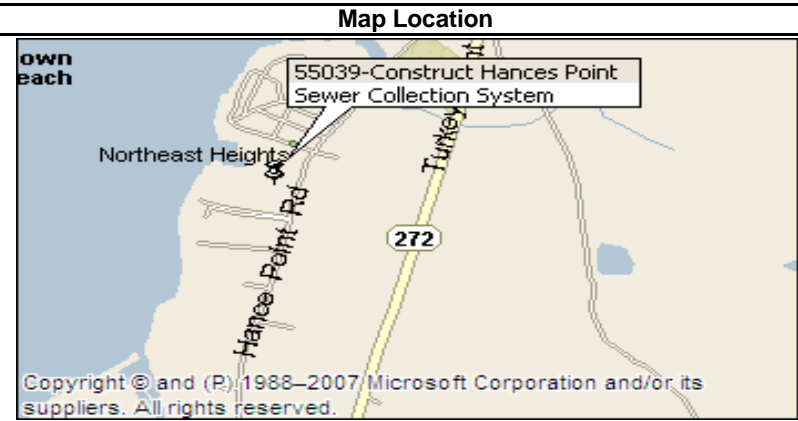
Project Form **Cecil County Capital Improvements Program 2020**

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:** 23

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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,000								1,000
Land Acquisition	200								200
Site Work	300								300
Construction	9,500								9,500
Equipment/Furnishings	0								
Other	0								
Total Cost	11,000	0	0	0	0	0	0	0	11,000

FUNDING SCHEDULE

County Paygo	0								
County Bonds	6,500								6,500
State	4,500								4,500
Federal	0								
Other	0								
Total Funds	11,000	0	0	0	0	0	0	0	11,000

OPERATING BUDGET IMPACT:

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

Financial Activity as of 6/21/2019
 Expended 0
 Encumbered 0
Total 0

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water	Project Number: 55045	Map Location	
Project Title: Construct Crystal Beach Sewer Collection Syst.	Project Location: Crystal Beach, Earleville, MD		
Project Description/Status:	Priority: 24		
<p>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).</p>			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,100								1,100
Land Acquisition	500								500
Site Work	500								500
Construction	12,000								12,000
Equipment/Furnishings	0								
Other	0								
Total Cost	14,100	0	0	0	0	0	0	0	14,100

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

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020	
Agency/Department: DPW-Waste Water	Project Number: 55040	Map Location	
Project Title: Construct Red Point Sewer Collect. System	Project Location: North East, MD		
Project Description/Status: Priority: 25			
<p>This project will construct pump stations, force mains, and pressure and gravity sewers along with a packaged ENR treatment facility (approximate capacity of 50,000 GPD) for the Red Point community. This will decommission on-lot septic systems in accordance with the new Maryland Chesapeake Bay Watershed Implementation Plan, improve water quality, eliminate potential public health concerns, earn nutrient credits for NRAWWTP expansion and help meet the nutrient TMDL (total maximum daily load) for the Northeast River.</p>			

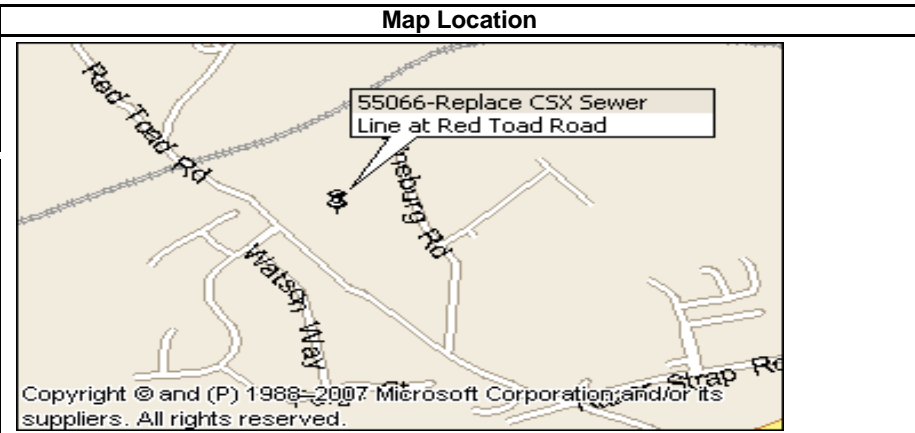
EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,050								1,050
Land Acquisition	500								500
Site Work	500								500
Construction	4,725								4,725
Equipment/Furnishings	0								
Other	0								
Total Cost	6,775	0	0	0	0	0	0	0	6,775

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

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

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: 26



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 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	60	60							
Land Acquisition	45	45							
Site Work	0								
Construction	500	500							
Equipment/Furnishings	0								
Other	0								
Total Cost	605	605	0	0	0	0	0	0	0

FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	440
Annual Operating/Maintenance Cost:	0	Encumbered	120
New Positions (FTE's):	0.0	Total	<u>560</u>

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water	Project Number: 55051	Map Location	
Project Title: Upgrade NERAWWTP	Project Location: NRA WWTP, Perryville, MD		
Project Description/Status: Priority:			
Project complete.			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	4,700	4,700							
Land Acquisition	50	50							
Site Work	0								
Construction	23,050	23,050							
Equipment/Furnishings	6,000	6,000							
Other	2,640	2,640							
Total Cost	36,440	36,440	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	4,185	4,185							
State	32,255	32,255							
Federal	0								
Other	0								
Total Funds	36,440	36,440	0	0	0	0	0	0	0

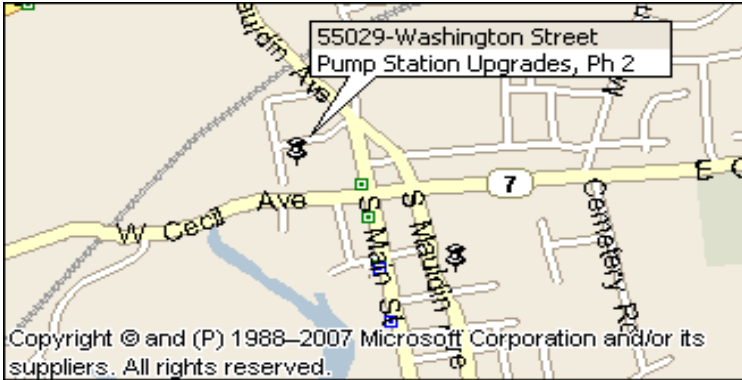
OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	34,718
Annual Operating/Maintenance Cost:	0	Encumbered	4
New Positions (FTE's):	0.0	Total	34,722

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water		Project Number: 55061	
Project Title: Inflow & Infiltration-Port Deposit		Project Location: Port Deposit	
Project Description/Status:		Priority:	
Project complete.			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	125	125							
Land Acquisition	0								
Site Work	0								
Construction	836	836							
Equipment/Furnishings	0								
Other	0								
Total Cost	961	961	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	161	161							
County Bonds	800	800							
State	0								
Federal	0								
Other	0								
Total Funds	961	961	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	609
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	609

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water	Project Number: 55029	Map Location 	
Project Title: Washington St. Pump Station Upgrades, 2	Project Location: Washington St, North East, MD		
Project Description/Status:	Priority:		
Project complete.			

EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	50	50							
Land Acquisition	0								
Site Work	0								
Construction	527	527							
Equipment/Furnishings	0								
Other	0								
Total Cost	577	577	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	0								
County Bonds	577	577							
State	0								
Federal	0								
Other	0								
Total Funds	577	577	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0	Expended	567
Annual Operating/Maintenance Cost:	0	Encumbered	0
New Positions (FTE's):	0.0	Total	567

Project Form		Cecil County Capital Improvements Program 2020	
Agency/Department: DPW-Waste Water	Project Number: 55052	Map Location	
Project Title: Construct Highlands Interceptor Sewer	Project Location:		
Project Description/Status: Project complete.	Priority:		

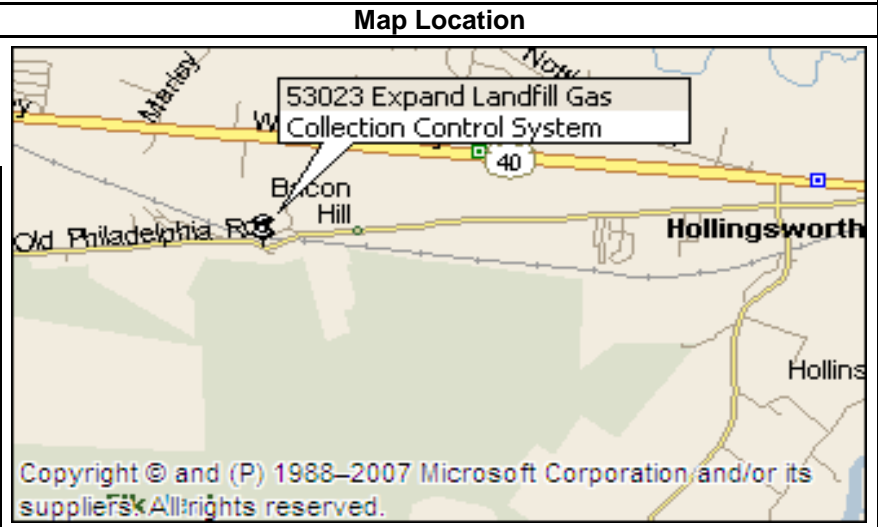
EXPENDITURE SCHEDULE									
Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	300	300							
Land Acquisition	250	250							
Site Work	62	62							
Construction	4,212	4,212							
Equipment/Furnishings	0								
Other	0								
Total Cost	4,824	4,824	0	0	0	0	0	0	0

FUNDING SCHEDULE									
County Paygo	545	545							
County Bonds	4,279	4,279							
State	0								
Federal	0								
Other	0								
Total Funds	4,824	4,824	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:			Financial Activity as of	6/21/2019
Estimated Annual Debt Service Cost:	0		Expended	4,566
Annual Operating/Maintenance Cost:	0		Encumbered	
New Positions (FTE's):	0.0		Total	4,566

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Solid Waste	Project Number: 53023
Project Title: Expand Landfill Gas Collection Control System	Project Location: Central Landfill
Project Description/Status:	Priority: 1



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 when waste reaches an approx. average elevation of 265 unless LFG odor or other operational problems create a need to perform the project sooner. Current waste elevation is between 240 - 250. Phase 5 is the final phase of expansion in the existing waste disposal area (i.e. cell 4/5).

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	100	100							
Land Acquisition	0								
Site Work	0								
Construction	854	854							
Equipment/Furnishings	0								
Other	0								
Total Cost	954	954	0	0	0	0	0	0	0

FUNDING SCHEDULE

County Paygo	0								
County Bonds	954	954							
State	0								
Federal	0								
Other	0								
Total Funds	954	954	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	6/21/2019
Annual Operating/Maintenance Cost:	0	Expended	549,793
New Positions (FTE's):	0.0	Encumbered	0
		Total	<u><u>549,793</u></u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Solid Waste	Project Number: 53014
Project Title: Upgrade/Expand Solid Waste Operations Facilities	Project Location: Central Landfill
Project Description/Status:	Priority: 2



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. As a first step to this project, 3-phase power was brought into the Central Yard facility in FY15. 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 a new office bldg., staff areas and break room, a new or upgraded maintenance building and maintenance shops. In FY20 an Area Development Plan will be prepared to better define the project scope and construction phasing.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,100								1,100
Land Acquisition	0								
Site Work	1,173	173							1,000
Construction	4,000								4,000
Equipment/Furnishings	0								
Other	0								
Total Cost	6,273	173	0	0	0	0	0	0	6,100

FUNDING SCHEDULE

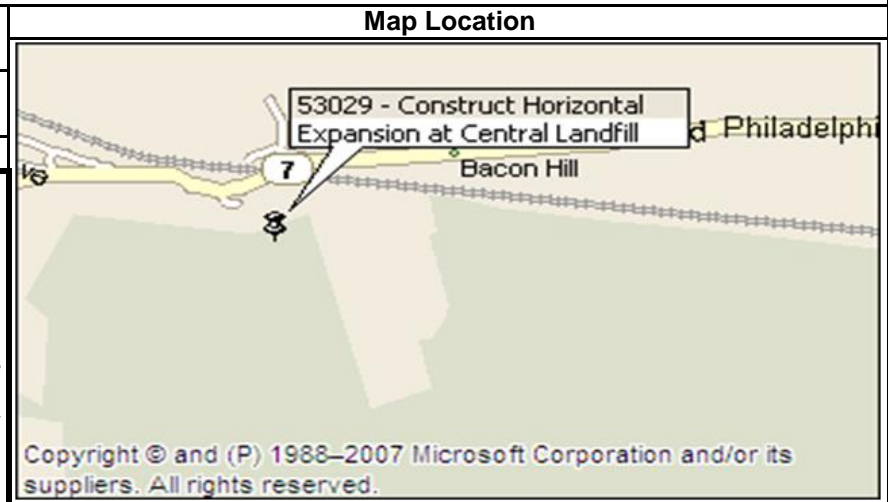
County Paygo	173	173							
County Bonds	6,100								6,100
State	0								
Federal	0								
Other	0								
Total Funds	6,273	173	0	0	0	0	0	0	6,100

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	6/21/2019
Annual Operating/Maintenance Cost:	0	Expended	173,355
New Positions (FTE's):	0.0	Encumbered	0
		Total	<u>173,355</u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Solid Waste	Project Number: 53029
Project Title: Construct Horizontal Landfill Expansion	Project Location: Central Landfill
Project Description/Status:	Priority: 3



Due to diminishing disposal capacity at Central Landfill and increasing population growth and waste generation in the County, the landfill must be expanded. In April 2014, the County completed a multi-year 5 phase permitting process and received a refuse disposal permit allowing an approx. 67.6 acre horizontal expansion of the landfill disposal area resulting in a total of 124.8 acres of permitted disposal area at Central Landfill. The expansion is proposed to be performed in several construction phases. The project will create six (6) new disposal cells with a total disposal capacity of approximately 16.6 million cubic yards and is projected to extend landfill life to 2075. Cell 2 is the next disposal cell proposed to be developed following utilization of the existing cell 4/5 airspace. Cell 4/5 is currently projected to reach capacity in July 2025. DPW has targeted completion of Cell 2 construction by July 2023 to provide 2 years of reserve capacity. Future cell construction will occur over time as additional disposal capacity is needed.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	5,217	1,517			300	300			3,100
Land Acquisition	0								
Site Work	0								
Construction	26,400					4,000			22,400
Equipment/Furnishings	0								
Other	0								
Total Cost	31,617	1,517	0	0	300	4,300	0	0	25,500

FUNDING SCHEDULE

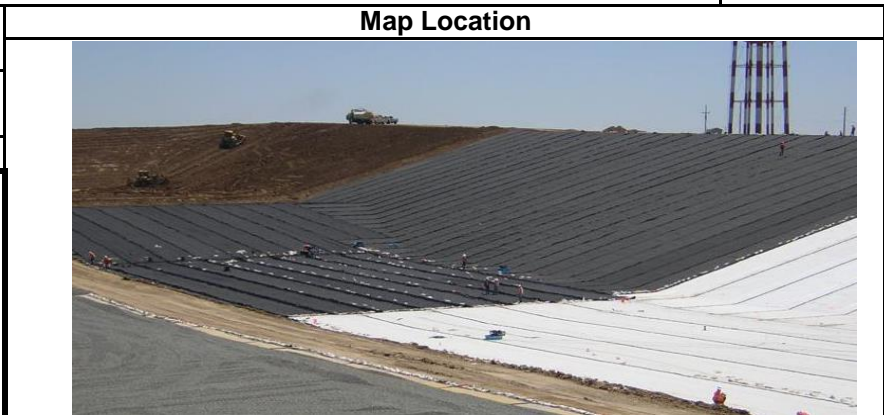
County Paygo	1,517	1,517							0
County Bonds	30,100				300	4,300			25,500
State	0								
Federal	0								
Other	0								
Total Funds	31,617	1,517	0	0	300	4,300	0	0	25,500

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	6/21/2019
Annual Operating/Maintenance Cost:	0	Expended	1,465,316
New Positions (FTE's):	0.0	Encumbered	0
		Total	<u><u>1,465,316</u></u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Solid Waste	Project Number: 53033
Project Title: Construct Landfill Final Cover Area A	Project Location: Central Landfill
Project Description/Status:	Priority: 4



In accordance with the Landfill's Refuse Disposal Permit, MDE requires that final cover be placed over waste disposal areas that have been completed (i.e. reached permitted elevation). Area A will be the first of 7 areas that final cover will be placed as the landfill is built out between FY 2023 and FY2075.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	3,450						200	250	3,000
Land Acquisition	0								
Site Work	0								
Construction	24,000							3,000	21,000
Equipment/Furnishings	0								
Other	0								
Total Cost	27,450	0	0	0	0	0	200	3,250	24,000

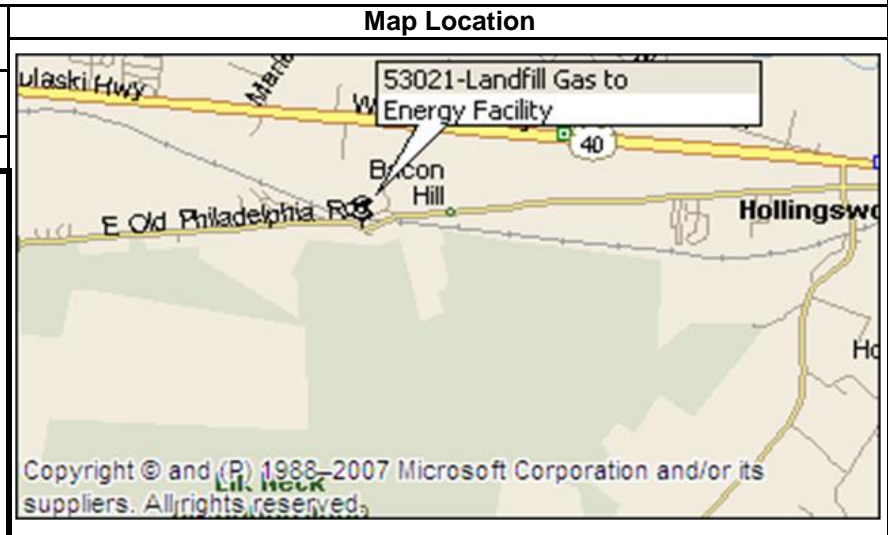
FUNDING SCHEDULE

County Paygo	0								
County Bonds	27,450						200	3,250	24,000
State	0								
Federal	0								
Other	0								
Total Funds	27,450	0	0	0	0	0	200	3,250	24,000

OPERATING BUDGET IMPACT:		Financial Activity as of	6/21/2019
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 2020**

Agency/Department: DPW-Solid Waste	Project Number: 53021
Project Title: Construct Landfill Gas Beneficial Use	Project Location: Central Landfill
Project Description/Status:	Priority: 5



This project is for the permitting, design, engineering, and construction of a Landfill Gas Beneficial Use project. The beneficial use of LFG helps reduce GHG emissions, complies with the County's mission statement, and helps meet the growing need for renewable energy/fuel sources in the mid-atlantic region.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	750								750
Land Acquisition	0								
Site Work	0								
Construction	1,000								1,000
Equipment/Furnishings	3,250								3,250
Other	1	1							
Total Cost	5,001	1	0	0	0	0	0	0	5,000

FUNDING SCHEDULE

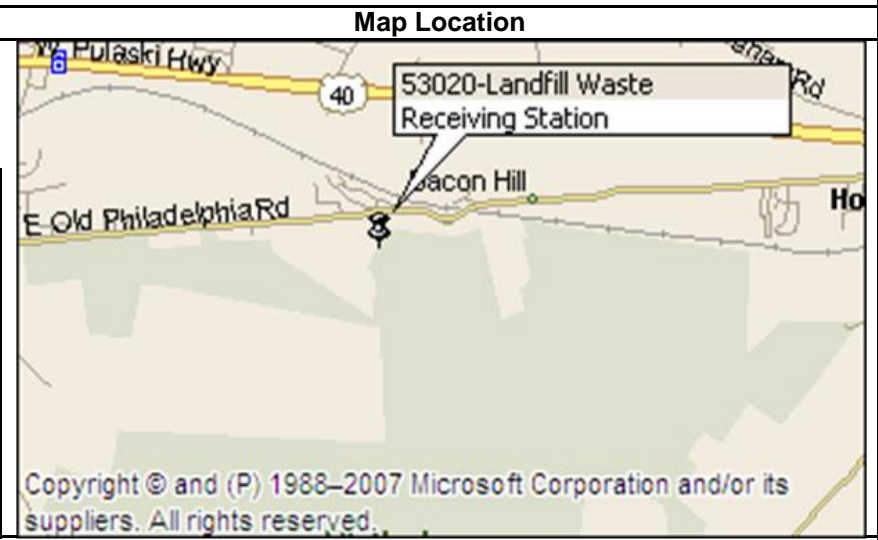
County Paygo	0								
County Bonds	5,000								5,000
State	0								
Federal	0								
Other	1	1							
Total Funds	5,001	1	0	0	0	0	0	0	5,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	6/21/2019
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	<u><u>0</u></u>

Project Form **Cecil County Capital Improvements Program 2020**

Agency/Department: DPW-Solid Waste	Project Number: 53020
Project Title: Construct Central Landfill Waste Receiving & Processing Station	Project Location: Central Landfill
Project Description/Status:	Priority: 6



This project consists of construction of a receiving facility suitable to pre-condition incoming waste including sorting out recyclables, contractor debris, and other waste streams that can be diverted from landfill disposal. Landfill space can be conserved and recycling/re-use improved by preconditioning incoming waste before disposal. The facility could also be used as a transfer station to haul waste and recyclables to other suitable offsite locations, if needed.

EXPENDITURE SCHEDULE

Cost Elements	Total Cost	Prior Funding	Budget Yr. FY 2020	Five Year Capital Program					Balance to Complete
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
Design/Engineering	1,000								1,000
Land Acquisition	0								
Site Work	0								
Construction	5,000								5,000
Equipment/Furnishings	0								
Other	0								
Total Cost	6,000	0	0	0	0	0	0	0	6,000

FUNDING SCHEDULE

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

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:	0	Financial Activity as of	6/21/2019
Annual Operating/Maintenance Cost:	0	Expended	0
New Positions (FTE's):	0.0	Encumbered	0
		Total	0