

**Fiscal Year 2023
Howard County Capital Budget**



Planning Board

February 1, 2022

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HOW TO READ THE CAPITAL BUDGET

There is a Program Summary page in the beginning of the budget. It is organized to show where the money comes from and the level of effort given to major elements of the Plan Howard 2030 including the cumulative Capital Improvement Program

The budget book is organized in alpha-numeric order following the alpha codes shown in the Table of Contents. The projects in each alpha group are then presented in numeric order.

Each category of projects is summarized in the initial pages for that group. They represent a type of project. Projects with specific locations are shown on a detail map.

In the presentation of the budget detail for each capital project, the display of the project number and title appears on both parts of a two-part form with the following information:

PART A

DESCRIPTION in general terms of what is to be ultimately funded

JUSTIFICATION of need, why, or the objective being met

REMARKS gives further details or statistics

SCHEDULE of major milestones by fiscal year timeframe

OPERATING BUDGET IMPACT estimates cost after project is completed

MAP depicts a specific site or a County-wide project

PART B

A matrix which vertically adds elements of the project development and funding sources which match at the horizontal row Total Project Expenditures with columns to show:

PRIOR APPROPRIATION shows dollars funded in previous budget years

FISCAL '200_' BUDGET shows dollars being acted-on in this > _ = fiscal year

APPROPRIATION TOTAL is the sum of the Prior Appropriation and this Fiscal year

FIVE YEAR CAPITAL PROGRAM is a projection of needs 5 years into the future beyond the budget year. Note that years 6 to 10 beyond the budget year belong to the Extended Program

TOTAL PROJECT combines prior, this fiscal year, and projected future dollars

PROJECT STATUS shows major milestones which have been accomplished and how much of the prior appropriation has been spent up to February of the current fiscal year.

Capital Budget Revenues

CAPITAL BUDGET REVENUE FUNDING TYPE CODES

- A** = Aid for Schools
State Inter Agency Committee contribution
- B** = Bonds, general obligation or short term instruments
Part of affordability limit calculation
- C** = Cash (Utility Enterprise Fund)
Ad valorem and associated interest income
- D** = Developer Contribution
Either through Agreement or obligation
- E** = Excise Tax
Dedicated annual tax collected and associated interest income
- G** = Grant (defined in 'Remarks' on project sheets)
State or Federal monies; POS, FHWA, ISTEA, etc
- I** = In - Aid of Construction (Utility Enterprise Fund)
Building permit fee to support infrastructure
- M** = Metro District Bonds (Utility Enterprise Fund)
Not part of affordability % calculation
- L** = Lease
Lease
- O** = Other (defined in 'Remarks' on project sheets)
Race Track funds, Special interest group contribution, Fines, assessments, fees, reimbursement
- OG** = Other GO
General Obligation Bonds supported by dedicated revenue stream
(e.g. Transfer Tax, Program Revenues, Incremental, Property Tax etc.)
- P** = Pay as you go
General fund cash on a year by year basis
- R** = Stormwater Utility (Watershed Protection and Restoration fund)
- S** = Storm Drain Fund & Storm Water Mgmt Fees
(defined in 'Remarks' on project sheets)
Down stream off property improvement fund by drainage area or
Fee paid in lieu of constructing a retention facility
- T** = Transfer Tax
% of total collected annually dedicated to education, fire service, parks
- U** = Utility Enterprise Fund (Summary Level)
'C', 'I', 'M' = from above combined
- W** = Water Quality State/Federal Loan
Bonds floated by State/Federal Agency for better rate, we repay as if our own
- X** = Excise tax backed Bonds – 'Non GO Bonds'
Supported borrowing based on dedicated revenue stream
Not part of General obligation Bond affordability limit calculation
- Z** = Education Excise tax backed Bonds
Supported borrowing based on dedicated revenue stream
- CC** = College revenue backed Bonds
Supported borrowing based on fee-based revenue stream

Howard County, MD

2023 New Capital Projects

Project	Description
FIRE PROJECTS (1)	
F5977-REPLACEMENT FIRE STATION 7	A project to replace Fire Station 7, one of the busiest fire stations in Howard County and the Baltimore Washing DC metropolitan region. The existing Fire Station 7 (Banneker) is in great need of updating and replacement due to its age and size.
GENERAL COUNTY PROJECTS (1)	
C0367 - FY2023 FEDERAL or STATE GRANT FUNDED CAPITAL PROJECTS	This project is designed to support spending on infrastructure projects funded by Federal and State grants. This includes Coronavirus State and Local Fiscal Recovery Funds established by the American Rescue Plan Act and other funding as received and allocated to Howard County.
RECREATION AND PARKS (1)	
N3979 - FY2023 SHIPLEY PARK	A project to master plan, design and construct a 25-acre community park on the former Coles property located at 12155 and 12195 Old Frederick Road in Marriottsville.
SCHOOL SYSTEM PROJECTS (5)	
E1053 - OAKLAND MILLS HIGH SCHOOL RENOVATION	The Oakland Mills High School project will renovate the existing facility. The renovation may include new electrical, mechanical, plumbing, technology, roofing, and life safety systems as applicable per the scope of work. Some interior spaces may be reconfigured, new finishes provided, accessibility improved to bring the facility into compliance with the Howard County Public School System Guidance Manual for Renovations and Modernizations of Existing Schools. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.
E1054 - REGIONAL EARLY CHILDHOOD CENTER	A dedicated facility for a Regional Early Childhood Center is a new concept and may be located at an existing or new facility. A scope study is planned to determine the best location and capacity needs for this regional education center. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.
E1055 - NORTHERN REGIONAL ELEMENTARY SCHOOL ADDITION	The Northern Region Elementary School Addition will be an addition to an existing facility. The location is to be determined. An addition of approximately 298 seats is proposed at this time for this project. The region's need will continue to be assessed and the project scope will be developed as the project nears. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Project	Description
E1056 - PATAPSCO MS RENOVIATION/ADDITION	The Patapsco Middle School project will renovate and add seats to the existing facility. Renovation may include new electrical, mechanical, plumbing, technology, roofing, and life safety systems as applicable per the scope of work. Some interior spaces may be reconfigured, new finishes provided, accessibility improved, and new spaces added as required, bringing the facility into compliance with the Howard County Public School System Guidance Manual for Renovations and Modernizations of Existing Schools. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Date Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.
E1057 - JEFFERS HILL ELEM SCHOOL RENOVIATION	The Jeffers Hill Elementary School project will renovate the existing facility. Renovation may include new electrical, mechanical, plumbing, technology, roofing, and life safety systems as applicable per the scope of work. Some interior spaces may be reconfigured, new finishes provided, accessibility improved to bringing the facility into compliance with the Howard County Public School System Guidance Manual for Renovations and Modernizations of Existing Schools. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Date Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.
STORM DRAINAGE PROJECTS (1)	
D1183 - FY2023 VULNERABLE WATERSHED RESTORATION AND RESILIENCY	This project is for the assessment, design, and construction of restoration improvements in various neighborhoods throughout the County that are currently experiencing localized drainage issues. The restoration projects will make the neighborhoods more resilient. Many of these issues are on private property. The current issues could be exacerbated by the impacts of climate change and more frequent and intense storms. This project may include land easement acquisitions to perform the improvement tasks.
WATER PROJECTS (1)	
W8336 - FY2023 LONGFELLOW AREA WATER MAIN IMPROVEMENTS	A project to design and construct water main improvements (19,250 LF of 3 thru 12) within the Longfellow area.

10 Total New Projects for Budget Year 2023

Capital Program Summary

(In Thousands of \$)

	Prior Appropriation	Fiscal 2023 Budget	Total Appropriation	5Yr Capital Program	Extended Program Total	Total Project
EDUCATION	881,417	130,091	1,011,508	506,942	551,952	2,070,402
GENERAL COUNTY	901,096	91,855	992,951	226,406	22,376	1,241,733
OTHER	170,608	0	170,608	0	0	170,608
RECREATION AND PARKS	180,026	18,292	198,318	63,500	23,300	285,118
TRANSPORTATION	608,741	54,566	663,307	219,804	169,660	1,052,771
WATER AND SEWER	626,132	86,183	712,315	164,468	76,190	952,973
Program Total	3,368,020	380,987	3,749,007	1,181,120	843,478	5,773,605
BONDS	1,115,395	87,460	1,202,855	483,379	434,608	2,120,842
COLLEGE REVENUE BACKED BOND	7,717	0	7,717	0	0	7,717
DEVELOPER CONTRIBUTION	49,442	700	50,142	6,150	520	56,812
EDUCATION EXCISE BONDS	34,823	0	34,823	0	0	34,823
EXCISE TAX	21,822	9,000	30,822	42,251	16,500	89,573
EXCISE TAX BACKED BONDS	152,951	-2,000	150,951	0	9,000	159,951
GRANTS	239,405	74,849	314,254	62,896	31,650	408,800
IN-AID of CONSTRUCT UTILITIES	34,817	5,758	40,575	15,930	9,993	66,498
LEASE	28,400	0	28,400	0	0	28,400
METRO DISTRICT BOND	398,278	70,313	468,591	107,248	43,480	619,319
Other GO	75,339	4,150	79,489	60,000	4,400	143,889
OTHER SOURCES	312,455	18,869	331,324	29,159	10,004	370,487
PAY AS YOU GO	141,710	39,600	181,310	76,792	70,602	328,704
STATE AID for SCHOOLS	231,974	41,051	273,025	149,400	138,954	561,379
STORM DRAINAGE FUND	2,690	0	2,690	0	0	2,690
STORMWATER UTILITY FUNDING	52,507	0	52,507	0	0	52,507
TIF BONDS	90,000	0	90,000	0	0	90,000
TRANSFER TAX	135,912	20,335	156,247	108,625	51,050	315,922
UTILITY CASH	165,386	10,902	176,288	39,290	22,717	238,295
WATER QUALITY STATE OR FED LOAN	76,997	0	76,997	0	0	76,997
Revenue Total	3,368,020	380,987	3,749,007	1,181,120	843,478	5,773,605

Howard County, MD
Planning Board FY 2023 Capital Budget by Source of Funds
(In Thousands of \$)

Program Type	Total	GO Bonds	Dev Contrib	Excise Tax	Excise Bonds	Grants	IAC	Metro Bonds	Other GO	Other	Pay Go	State Aid Schools	Transfer Tax	Utility Fund
Board of Education	99,503	38,452		9,000								41,051	11,000	
Bridge Improvements	2,550	1,590				960								
Community College	30,588	15,794				14,794								
Fire	6,510	(650)								3,500			3,660	
General County	82,429	18,422				35,745		790		5,397	22,075			
Library	1,666	1,666												
Police	1,250	1,250												
Recreation & Parks	18,292	1,617				5,000					6,000		5,675	
Road Construction	(1,180)	420	300		(2,000)					100				
Road Resurfacing	10,500	500									10,000			
Sewer	44,785						1,275	36,670						6,840
Sidewalk/Curb Projects	5,149	3,649									1,500			
Storm Drainage	34,422	2,550				17,850			4,150	9,872				
Traffic Improvements	3,125	2,200	400			500					25			
Water	41,398						4,483	32,853						4,062
Total	380,987	87,460	700	9,000	-2,000	74,849	5,758	70,313	4,150	18,869	39,600	41,051	20,335	10,902

Howard County, MD
Planning Board FY 2023 Capital Improvement Program Summary
(In Thousands of \$)

Program Title	Prior Appropriation	Fiscal 2023 Budget	Total Appropriation	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	5 Year Total
AGRICULTURAL PRESERVATION PROJECTS	170,608	-	170,608	-	-	-	-	-	-
BRIDGE PROJECTS	32,354	2,550	34,904	2,400	1,500	1,000	800	1,050	6,750
COMMUNITY COLLEGE PROJECTS	115,661	30,588	146,249	27,693	1,000	1,000	1,000	3,700	34,393
FIRE PROJECTS	38,846	6,510	45,356	8,170	925	18,925	800	800	29,620
GENERAL COUNTY PROJECTS	830,906	82,429	913,335	44,468	13,443	20,976	16,828	20,410	116,125
LIBRARY PROJECTS	26,329	1,666	27,995	5,100	23,457	52,104	-	-	80,661
POLICE PROJECTS	5,015	1,250	6,265	-	-	-	-	-	-
RECREATION AND PARKS	180,026	18,292	198,318	6,150	6,500	6,850	10,300	33,700	63,500
ROAD CONSTRUCTION PROJECTS	224,556	(1,180)	223,376	5,520	5,580	3,000	3,000	14,375	31,475
ROAD RESURFACING PROJECTS	80,467	10,500	90,967	12,500	12,500	12,500	12,500	16,750	66,750
SCHOOL SYSTEM PROJECTS	765,756	99,503	865,259	74,460	86,808	119,161	91,677	100,443	472,549
SEWER PROJECTS	412,245	44,785	457,030	29,380	20,770	19,150	13,870	14,430	97,600
SIDEWALK PROJECTS	34,809	5,149	39,958	9,725	6,850	4,975	5,075	5,225	31,850
STORM DRAINAGE PROJECTS	208,287	34,422	242,709	18,929	12,000	9,200	8,100	7,100	55,329
TRAFFIC PROJECTS	28,268	3,125	31,393	9,895	6,495	5,760	3,225	2,275	27,650
WATER PROJECTS	213,887	41,398	255,285	21,328	12,340	10,860	13,860	8,480	66,868
Total Capital	3,368,020	380,987	3,749,007	275,718	210,168	285,461	181,035	228,738	1,181,120

Howard County, MD

Planning Board Capital Budget Extended Summary For FY 2023

(In Thousands of \$)

Program Title	Approp. Total	5 Yr Capital Program	FY 2029	FY2030	FY2031	FY 2032	Total Extended
AGRICULTURAL PRESERVATION PROJECTS	170,608	-	-	-	-	-	170,608
BRIDGE PROJECTS	34,904	6,750	1,300	1,300	300	300	44,854
COMMUNITY COLLEGE PROJECTS	146,249	34,393	19,600	7,300	24,400	1,500	233,442
FIRE PROJECTS	45,356	29,620	500	500	-	-	75,976
GENERAL COUNTY PROJECTS	913,335	116,125	10,166	784	2,226	8,200	1,050,836
LIBRARY PROJECTS	27,995	80,661	-	-	-	-	108,656
POLICE PROJECTS	6,265	-	-	-	-	-	6,265
RECREATION AND PARKS	198,318	63,500	6,900	13,800	1,300	1,300	285,118
ROAD CONSTRUCTION PROJECTS	223,376	31,475	57,510	-	7,000	-	319,361
ROAD RESURFACING PROJECTS	90,967	66,750	16,750	16,750	16,750	15,000	222,967
SCHOOL SYSTEM PROJECTS	865,259	472,549	100,048	140,873	134,326	123,905	1,836,960
SEWER PROJECTS	457,030	97,600	13,360	13,810	14,050	6,850	602,700
SIDEWALK PROJECTS	39,958	31,850	4,750	4,750	4,100	4,100	89,508
STORM DRAINAGE PROJECTS	242,709	55,329	3,100	3,100	3,100	3,100	310,438
TRAFFIC PROJECTS	31,393	27,650	1,650	1,650	1,650	1,650	65,643
WATER PROJECTS	255,285	66,868	12,280	7,870	7,970	-	350,273
Total Capital	3,749,007	1,181,120	247,914	212,487	217,172	165,905	5,773,605

Planning Board FY 2023 5 Year Capital Budget Revenue Summary

Source	Prior Approp	Current FY	2024	2025	2026	2027	2028	5 Year Total
BONDS	1,115,395	87,460	105,256	68,496	127,382	57,189	125,056	483,379
COLLEGE REVENUE BACKED BOND	7,717	0	0	0	0	0	0	0
DEVELOPER CONTRIBUTION	49,442	700	3,430	430	1,430	430	430	6,150
EDUCATION EXCISE BONDS	34,823	0	0	0	0	0	0	0
EXCISE TAX	21,822	9,000	9,000	8,684	9,000	9,000	6,567	42,251
EXCISE TAX BACKED BONDS	152,951	-2,000	0	0	0	0	0	0
GRANTS	239,405	74,849	34,696	7,200	14,200	3,400	3,400	62,896
IN-AID of CONSTRUCT UTILITIES	34,817	5,758	2,843	3,318	2,988	3,588	3,193	15,930
LEASE	28,400	0	0	0	0	0	0	0
METRO DISTRICT BOND	398,278	70,313	37,748	21,570	18,130	17,250	12,550	107,248
Other GO	75,339	4,150	4,000	27,457	20,543	4,000	4,000	60,000
OTHER SOURCES	312,455	18,869	18,001	4,472	1,035	5,131	520	29,159
PAY AS YOU GO	141,710	39,600	14,815	14,651	14,675	14,451	18,200	76,792
STATE AID for SCHOOLS	231,974	41,051	19,837	30,343	34,511	41,504	23,205	149,400
STORM DRAINAGE FUND	2,690	0	0	0	0	0	0	0
STORMWATER UTILTY FUNDING	52,507	0	0	0	0	0	0	0
TIF BONDS	90,000	0	0	0	0	0	0	0
TRANSFER TAX	135,912	20,335	16,975	15,325	33,675	18,200	24,450	108,625
UTILITY CASH	165,386	10,902	9,117	8,222	7,892	6,892	7,167	39,290
WATER QUALITY STATE OR FED LOAN	76,997	0	0	0	0	0	0	0
Total	3,368,020	380,987	275,718	210,168	285,461	181,035	228,738	1,181,120

Fiscal Year 2023 Budget Summary

Area FY 2023 Capital Projects Map

<u>Project#</u>	<u>Name</u>
B3853	B3853-FY2000 EMERGENCY STRUCTURE RECONSTRUCTION
C0301	C0301-FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES
C0311	C0311-FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS
C0312	C0312-FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM
C0315	C0315-FY2009 PUBLIC SAFETY SYSTEM ENHANCEMENTS
C0322	C0322-FY2012 CENTRAL FLEET SYSTEMIC IMPROVEMENTS and FUEL SYSTEM
C0324	C0324-FY2012 GEODETIC NETWORK AUTOMATION
C0329	C0329-FY2012 ENERGY MANAGEMENT/IMPROVEMENTS
C0332	C0332-FY2014 BUS STOP IMPROVEMENTS
C0335	C0335-FY2014 COMMUNITY RESOURCES and SERVICES FACILITY/PROGRAM ENHANCEMENTS
C0348	C0348-FY2017 MODERNIZATION OF FLEET AND HIGHWAYS SHOPS
C0349	C0349-FY2017 ENVIRONMENTAL COMPLIANCE OPERATIONS
C0354	C0354-FY2019 BUILDING ACCESS CONTROL AND SECURITY ENHANCEMENTS
C0360	C0360-FY2019 REAL ESTATE PLANNING AND DESIGN
D1148	D1148-FY2007 NPDES WATERSHED MANAGEMENT PROGRAM
D1164	D1164-FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS
D1169	D1169-FY2016 STORM DRAIN CULVERT REPLACEMENT PROGRAM
D1175	D1175-FY-2018 VALLEY MEDE/CHATHAM FLOOD MITIGATION
D1176	D1176-WATERSHED MANAGEMENT CONSTRUCTION
D1177	D1177-STORMWATER MANAGEMENT FACILITY RECONSTRUCTION
D1178	D1178-STORMWATER MANAGEMENT RETROFITS
D1179	D1179-FY2020 COURTHOUSE DRIVE CULVERT AND SLOPE REPAIR
E0989	E0989-FY1989 BARRIER-FREE PROJECTS
E0990	E0990-FY2002 PLAYGROUND EQUIPMENT
E1012	E1012-FY2008 SCHOOL PARKING LOT EXPANSION
E1038	E1038-FY2017 PLANNING AND DESIGN

Fiscal Year 2023 Budget Summary

Area FY 2023 Capital Projects Map

E1044	E1044-FY2019 SYSTEMIC RENOVATIONS
E1045	E1045-FY2019 RELOCATABLE CLASSROOMS
E1046	E1046-FY2019 ROOFING
E1047	E1047-SITE ACQUISITION AND CONSTRUCTION RESERVE
E1048	E1048-FY2019 TECHNOLOGY
F5960	F5960-FY2001 FIRESTATION SYSTEMIC IMPROVEMENTS
F5973	F5973-PUBLIC SAFETY STORAGE FACILITIES
H2011	H2011-FY2013 MICRO SURFACING PROGRAM
H2014	H2014-FY2013 ROAD RESURFACING PROGRAM
H2016	H2016-FY2013 STREET TREE PROGRAM
H2017	H2017 - COLD IN-PLACE RECYCLING PROGRAM
H8904	H8904-FY2007 COMMUNITY ROAD REVITALIZATION
J4220	J4220-FY2014 DEVELOPER/COUNTY SHARED IMPROVEMENTS
J4250	J4250-FY2020 HOWARD ROAD IMPROVEMENTS
K5035	K5035-FY1998 SCHOOL ROUTE PATHWAYS or SIDEWALKS
K5036	K5036-FY1998 ROUTINE SIDEWALK WALKWAY EXTENSIONS
K5043	K5043-SIDEWALK REPAIR PROGRAM
K5054	K5054-FY2003 ROADSIDE IMPROVEMENT PROGRAM
K5061	K5061-FY2007 PEDESTRIAN PLAN PROJECTS
K5062	K5062-FY2009 STATE ROADS SIDEWALK RETROFIT PROGRAM
K5066	K5066-FY2014 BICYCLE PLAN PROJECTS
K5068	K5068 - ADA RAMPS UPGRADE PROGRAM.
K5069	K5069-BITUMINOUS CURB and GUTTER REPLACEMENT PROGRAMS
N3108	N3108-FY2004 PARK SYSTEMIC IMPROVEMENTS
N3109	N3109-FY2004 PARKS RESURFACING PROGRAM
N3958	N3958-FY2003 HISTORIC STRUCTURES REHABILITATION
N3978	N3978-FY2018 PARKLAND ACQUISTION PROGRAM
S6500	S6500-FY2017 SEWER AREA ASSESSMENT AND MODELING

Fiscal Year 2023 Budget Summary

Area FY 2023 Capital Projects Map

S6601	S6601-FY2020 SEWER ASSET MANAGEMENT PROGRAM
S6698	S6698-ROUTINE SEWER EXTENSION PROGRAM
T7088	T7088-FY2001 SCHOOL CROSSWALK IMPROVEMENTS
T7094	T7094-FY2007 STREET LIGHTING PROGRAM
T7105	T7105-FY2011 SIGNALIZATION PROGRAM
T7106	T7106-INTERSECTION OR CORRIDOR SAFETY IMPROVEMENT PROGRAM
T7109	T7109-FY2016 DEVELOPER STREETLIGHT PROGRAM
W8324	W8324-FY2014 WATER SYSTEM LOOPING FIRE PROTECTION UPGRADE
W8325	W8325-FY2014 RECLAIMED WATER SYSTEM DEVELOPMENT
W8603	W8603-FY2020 WATER ASSET MANAGEMENT PROGRAM
W8698	W8698-ROUTINE WATER EXTENSION PROGRAM

Columbia Area FY 2023 Capital Projects Map

<u>Project#</u>	<u>Name</u>
C0351	C0351-FY2017 HARRIET TUBMAN REMEDIATION and RESTORATION
E1024	E1024-FY2019 HAMMOND HIGH SCHOOL RENOVATION/ADDITION
J4167	J4167-FY2010 SNOWDEN RIVER BROKEN LAND INTERSECT
L0020	L0020-FY2021 NEW HCLS CENTRAL BRANCH & RELOCATION
M0539	M0539-FY2020 MATHEMATICS AND ATHLETICS COMPLEX
M0550	M0550-FY2017 SYSTEMIC RENOVATIONS
N3102	N3102-FY2000 BLANDAIR REGIONAL PARK
N3963	N3963-FY2009 PATHWAY and TRAIL REHAB and EXPANSION
P4928	P4928-FY2015 POLICE STATION & MODERNIZATION OF FACILITIES
S6274	S6274-FY2015 UPPER LITTLE PATUXENT PARALLEL SEWER
S6600	S6600-FY2019 WATER AND WASTEWATER FACILITIES CAPITAL REPAIRS AND UPGRADES
T7108	T7108-FY2016 CLARKSVILLE-RIVER HILL STREETScape IMPROVEMENTS
W8304	W8304-FY2015 COLUMBIA WATER PUMPING STATION IMPROVEMENTS

Fiscal Year 2023 Budget Summary

Elkridge Area FY 2023 Capital Projects Map

<u>Project#</u>	<u>Name</u>
C0333	C0333-FY2015 DETENTION CENTER RENOVATIONS
E1035	E1035-FY2019 NEW HIGH SCHOOL #13
J4206	J4206-FY2007 MONTEVIDEO ROAD IMPROVEMENTS
N3959	N3959-FY2005 PATAPSCO FEMALE INSTITUTE SITE WORK
S6284	S6284-FY2013 DEEP RUN SHALLOW RUN INTERCEPTOR IMPROVEMENTS

Ellicott City Area FY 2023 Capital Projects Map

<u>Project#</u>	<u>Name</u>
B3860	B3860-FY2016 CARROLL MILL ROAD BRIDGE REPLACEMENT (H0-23)
C0299	C0299-FY2005 WASTE MANAGEMENT IMPROVEMENTS
C0337	C0337-FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS
S6283	S6283-FY2013 TIBER SUCKER BRANCH INTERCEPTOR IMPROVEMENTS

North Laurel Area FY 2023 Capital Projects Map

<u>Project#</u>	<u>Name</u>
K5063	K5063-FY2017 NORTH LAUREL ROAD SIDEWALK
S6280	S6280-FY2013 HAMMOND PATUXENT INTERCEPTOR IMPROVEMENTS
S6287	S6287-FY2017 NORTH LAUREL PUMP STATION PARALLEL FORCE MAIN

Savage Area FY 2023 Capital Projects Map

<u>Project#</u>	<u>Name</u>
J4173	J4173-FY2000 HANOVER ROAD IMPROVEMENTS
J4241	J4241-FY2011 US RT 1 RT 175 to MONTEVIDEO ROAD
N3957	N3957-FY2003 TROY PARK & HISTORIC REHABILITATION
S6281	S6281-FY2013 DORSEY GUILFORD INTERCEPTOR IMPROVEMENTS

Scaggsville Area FY 2023 Capital Projects Map

<u>Project#</u>	<u>Name</u>
B3838	B3838-FY2006 PINDELL SCHOOL ROAD BRIDGE (H0-106)

Fiscal Year 2023 Budget Summary

Western County Area FY 2023 Capital Projects Map

<u>Project#</u>	<u>Name</u>
B3858	B3858-FY2019 PFEFFERKORN ROAD BRIDGE (HO-31)
F5972	F5972-FY2008 RURAL FIRE PROTECTION PROGRAM

Howard County, MD
FY 2023 Planning Board Capital Budget
BRIDGE PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
B3831-FY2007 RIVER ROAD BRIDGE-ROCKBURN (H0-6) A project for the design and construction of a replacement structure for the River Road bridge over Rockburn Branch.	B	1,525	0	1,525	0	0	0	0	0	1,525
	Total	1,525	0	1,525	0	0	0	0	0	1,525
B3835-FY2006 HENRYTON ROAD BRIDGE (H0-105) A project for the design and construction of a replacement bridge for the Henryton Road bridge over a tributary to the Patapsco River.	B	905	0	905	0	0	0	0	0	905
	G	960	0	960	0	0	0	0	0	960
	Total	1,865	0	1,865	0	0	0	0	0	1,865
B3838-FY2006 PINDELL SCHOOL ROAD BRIDGE (H0-106) A project for the design and construction of a replacement structure for the Pindell School Road bridge over Hammond Branch.	B	1,635	750	2,385	0	0	0	0	0	2,385
	Total	1,635	750	2,385	0	0	0	0	0	2,385
B3849-FY1996 DAISY ROAD BRIDGE (H0-38) A project for the design and construction of a replacement bridge and roadway tie-ins.	B	832	0	832	0	0	0	0	0	832
	D	42	0	42	0	0	0	0	0	42
	G	1,660	0	1,660	0	0	0	0	0	1,660
	P	65	0	65	0	0	0	0	0	65
	Total	2,599	0	2,599	0	0	0	0	0	2,599
B3850-FY2001 STRUCTURE INSPECTION PROGRAM A project to inspect Howard County bridges in accordance with the federally mandated National Bridge Inspection Standards.	B	200	0	200	0	0	0	0	0	200
	P	2,630	0	2,630	500	500	500	300	300	4,730
	Total	2,830	0	2,830	500	500	500	300	300	4,930

Howard County, MD
FY 2023 Planning Board Capital Budget
BRIDGE PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
B3853-FY2000 EMERGENCY STRUCTURE RECONSTRUCTION	B	6,155	500	6,655	500	500	500	500	750	9,405
A fund for Howard County to undertake construction and repair of bridges, culverts and retaining walls requiring prompt action.	G	1,550	0	1,550	0	0	0	0	0	1,550
	O	30	0	30	0	0	0	0	0	30
	P	44	0	44	0	0	0	0	0	44
	Total	7,779	500	8,279	500	500	500	500	750	11,029
B3857-FY2001 SYSTEMIC STRUCTURE IMPROVEMENTS	B	2,480	0	2,480	500	500	0	0	0	3,480
A project for specialized renovation items for bridges and retaining walls throughout the County.	G	6,000	0	6,000	0	0	0	0	0	6,000
	P	516	0	516	0	0	0	0	0	516
	Total	8,996	0	8,996	500	500	0	0	0	9,996
B3858-FY2019 PFEFFERKORN ROAD BRIDGE (HO-31)	B	325	100	425	900	0	0	0	0	1,325
A project for the design and construction of a bridge replacement for Pfefferkorn Road over Middle Patuxent River.	Total	325	100	425	900	0	0	0	0	1,325
B3860-FY2016 CARROLL MILL ROAD BRIDGE REPLACEMENT (HO-23)	B	400	240	640	0	0	0	0	0	640
A project for the design and construction of a replacement structure for the Carroll Mill Road bridge over Benson Branch.	G	0	960	960	0	0	0	0	0	960
	Total	400	1,200	1,600	0	0	0	0	0	1,600
B3862-FY2013 RETAINING WALLS	B	1,850	0	1,850	0	0	0	0	0	1,850
A Countywide project for the repair, re-conditioning and development of new retaining walls.	G	1,100	0	1,100	0	0	0	0	0	1,100
	Total	2,950	0	2,950	0	0	0	0	0	2,950
B3863-FY2013 DOWNTOWN COLUMBIA-OAKLAND MILLS CONNECTION IMPROVEMENTS	B	950	0	950	0	0	0	0	0	950
A project to provide a feasibility study, design and construction of enhancements to existing and potential future connections over US29.	O	500	0	500	0	0	0	0	0	500
	Total	1,450	0	1,450	0	0	0	0	0	1,450
BRIDGE PROJECTS Total		32,354	2,550	34,904	2,400	1,500	1,000	800	1,050	41,654

Howard County, MD
FY 2023 Planning Board Capital Budget (\$000)
BRIDGE PROJECTS

	Revenue Source	Prior Total	Current FY	Appropriation Total
B	BONDS	17,257	1,590	18,847
D	DEVELOPER CONTRIBUTION	42	0	42
G	GRANTS	11,270	960	12,230
O	OTHER SOURCES	530	0	530
P	PAY AS YOU GO	3,255	0	3,255
Total		32,354	2,550	34,904

Howard County, MD
FY 2023 Planning Board 5 Year Capital Budget Project Type Summary
BRIDGE PROJECTS

Revenue Source		Prior Approp	Current FY	2024	2025	2026	2027	2028	Total
B	BONDS	17,257	1,590	1,900	1,000	500	500	750	23,497
D	DEVELOPER CONTRIBUTION	42	0	0	0	0	0	0	42
G	GRANTS	11,270	960	0	0	0	0	0	12,230
O	OTHER SOURCES	530	0	0	0	0	0	0	530
P	PAY AS YOU GO	3,255	0	500	500	500	300	300	5,355
Total		32,354	2,550	2,400	1,500	1,000	800	1,050	41,654

Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3831-FY2007 RIVER ROAD BRIDGE-ROCKBURN (H0-6)

Description

A project for the design and construction of a replacement structure for the River Road bridge over Rockburn Branch. River Road is classified as a local road in the Plan Howard 2030.

Justification

The existing bridge is 26 feet long with 20 feet of pavement in a 30-foot right-of-way and is currently posted for 13 tons. The bridge is functionally obsolete due to its posted weight limit and narrow width.

Remarks

1. This bridge is not eligible for Federal Bridge Rehabilitation|Replacement Funds.
2. Project to be designed under scenic road guidelines.
3. Land acquisition requires park property.

Project Schedule

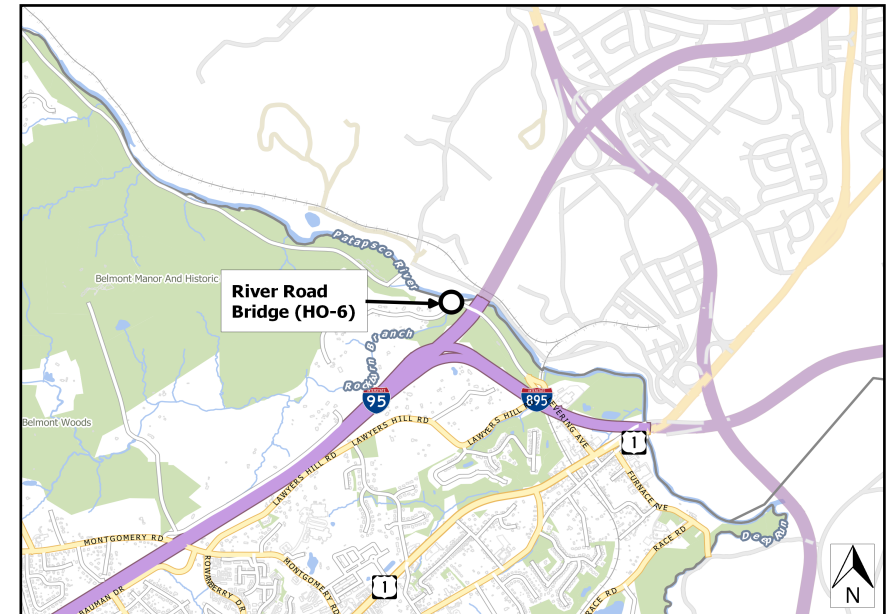
FY23 - Construction

FY24 - Close

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3831-FY2007 RIVER ROAD BRIDGE-ROCKBURN (H0-6)

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	490	0	490	0	0	0	0	0	0	0	0	0	0	490
LAND ACQUISITION	30	0	30	0	0	0	0	0	0	0	0	0	0	30
CONSTRUCTION	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
ADMINISTRATION	5	0	5	0	0	0	0	0	0	0	0	0	0	5
Total Expenditures	1,525	0	1,525	0	0	0	0	0	0	0	0	0	0	1,525
BONDS	1,525	0	1,525	0	0	0	0	0	0	0	0	0	0	1,525
Total Funding	1,525	0	1,525	0	0	0	0	0	0	0	0	0	0	1,525

\$0 spent and encumbered through February 2022

\$353,822 spent and encumbered through February 2021

Project Status FY22 - Construction advertisement.

FY 2022 Budget	1,525	0	1,525	0	0	0	0	0	0	0	0	0		1,525
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Project: B3835-FY2006 HENRYTON ROAD BRIDGE (H0-105)

Description

A project for the design and construction of a replacement bridge for the Henryton Road bridge over a tributary to the Patapsco River. Henryton Road is classified as a local road in the Plan Howard 2030.

Justification

The existing bridge is 40 feet long with 25 feet of pavement in a 30-foot right-of-way and is currently posted for 12 tons. The new structure will be wider to meet AASHTO and County Standards.

Remarks

1. Grant represents Federal Bridge Rehabilitation and Replacement funds.
2. Scenic road characteristics will be preserved in the improvements.

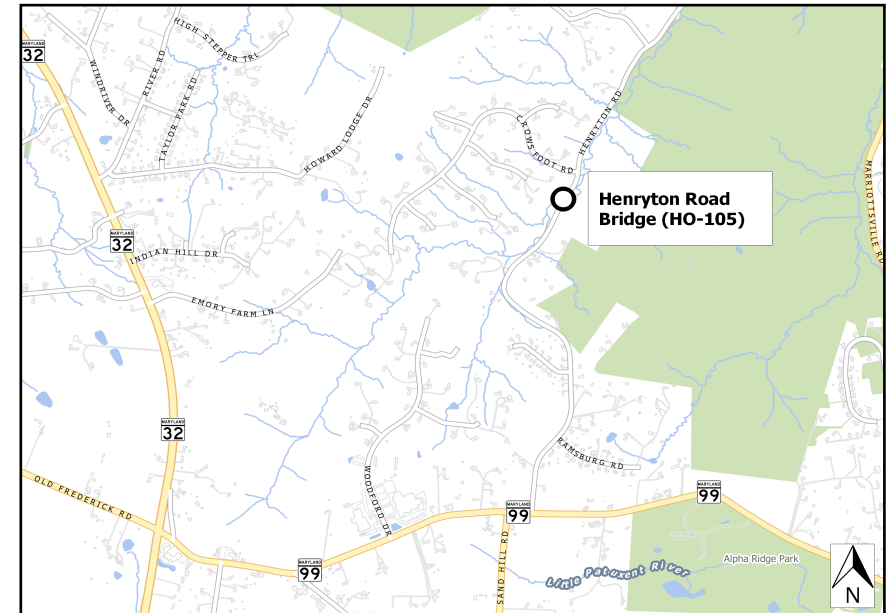
Project Schedule

FY23 - Construction
 FY24 - Close

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3835-FY2006 HENRYTON ROAD BRIDGE (H0-105)

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	450	0	450	0	0	0	0	0	0	0	0	0	0	450
LAND ACQUISITION	25	0	25	0	0	0	0	0	0	0	0	0	0	25
CONSTRUCTION	1,350	0	1,350	0	0	0	0	0	0	0	0	0	0	1,350
ADMINISTRATION	40	0	40	0	0	0	0	0	0	0	0	0	0	40
Total Expenditures	1,865	0	1,865	0	0	0	0	0	0	0	0	0	0	1,865
BONDS	905	0	905	0	0	0	0	0	0	0	0	0	0	905
GRANTS	960	0	960	0	0	0	0	0	0	0	0	0	0	960
Total Funding	1,865	0	1,865	0	0	0	0	0	0	0	0	0	0	1,865

\$0 spent and encumbered through February 2022

\$630,947 spent and encumbered through February 2021

Project Status FY22 - Construction advertisement (pending Federal Aid approval)

FY 2022 Budget	1,865	0	1,865	0	0	0	0	0	0	0	0	0		1,865
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Project: B3838-FY2006 PINDELL SCHOOL ROAD BRIDGE (H0-106)

Description

A project for the design and construction of a replacement structure for the Pindell School Road bridge over Hammond Branch. Pindell School Road is classified as a minor collector in the Plan Howard 2030.

Justification

The existing bridge is 22 feet long with 23 feet of pavement in a 30-foot right-of-way and is currently posted for 16 tons. The new structure will be wider to meet AASHTO and County standards.

Remarks

1. This bridge is not eligible for Federal Bridge Rehabilitation/Replacement Funds.
2. Request represents latest engineer's estimate.

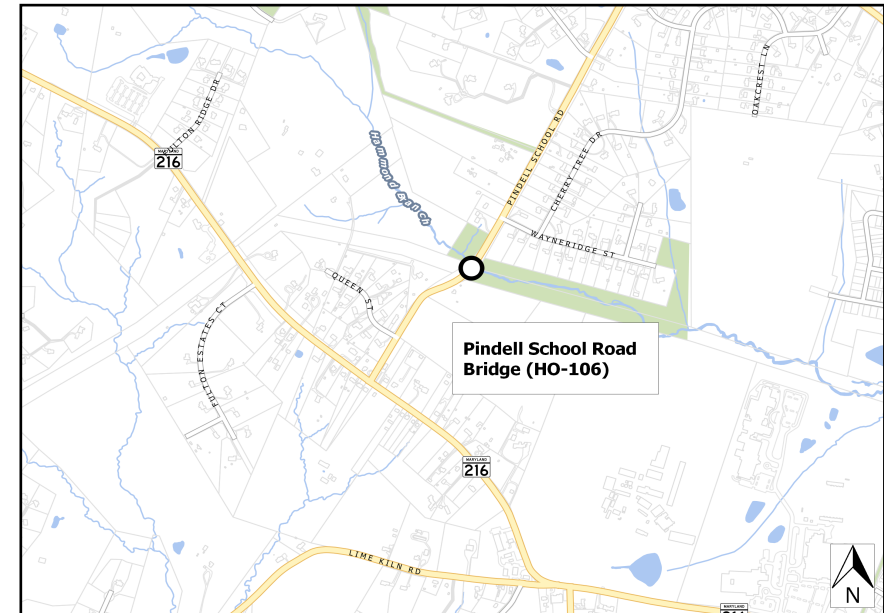
Project Schedule

FY23 - Construction
 FY24 - Close

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3838-FY2006 PINDELL SCHOOL ROAD BRIDGE (H0-106)

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	355	0	355	0	0	0	0	0	0	0	0	0	0	355
LAND ACQUISITION	30	0	30	0	0	0	0	0	0	0	0	0	0	30
CONSTRUCTION	1,250	750	2,000	0	0	0	0	0	0	0	0	0	0	2,000
Total Expenditures	1,635	750	2,385	0	0	0	0	0	0	0	0	0	0	2,385
BONDS	1,635	750	2,385	0	0	0	0	0	0	0	0	0	0	2,385
Total Funding	1,635	750	2,385	0	0	0	0	0	0	0	0	0	0	2,385

\$0 spent and encumbered through February 2022

\$282,201 spent and encumbered through February 2021

Project Status FY22 - Land acquisition and utility relocation underway

FY 2022 Budget	1,635	0	1,635	0	0	0	0	0	0	0	0	0		1,635
Difference 2022 / 2023	0	750	750	0	0	0	0	0	0	0	0	0	0	750

Request represents latest engineer's construction cost estimate.

Project: B3849-FY1996 DAISY ROAD BRIDGE (H0-38)

Description

A project for the design and construction of a replacement bridge and roadway tie-ins. The existing bridge is 32 feet long with a clear roadway of 23 feet and has a weight limit of 12 tons. Daisy Road is classified as a major collector in the Plan Howard 2030.

Justification

This bridge is functionally obsolete due to its narrow width and weight limit. It is on a six-month inspection cycle due to a greater posted load capacity (verified by testing) than would normally be allowed for a bridge of this construction. The new structure will be wider to meet AASHTO and County Standards.

Remarks

GRANT represents Federal Bridge Rehabilitation and Replacement funds.

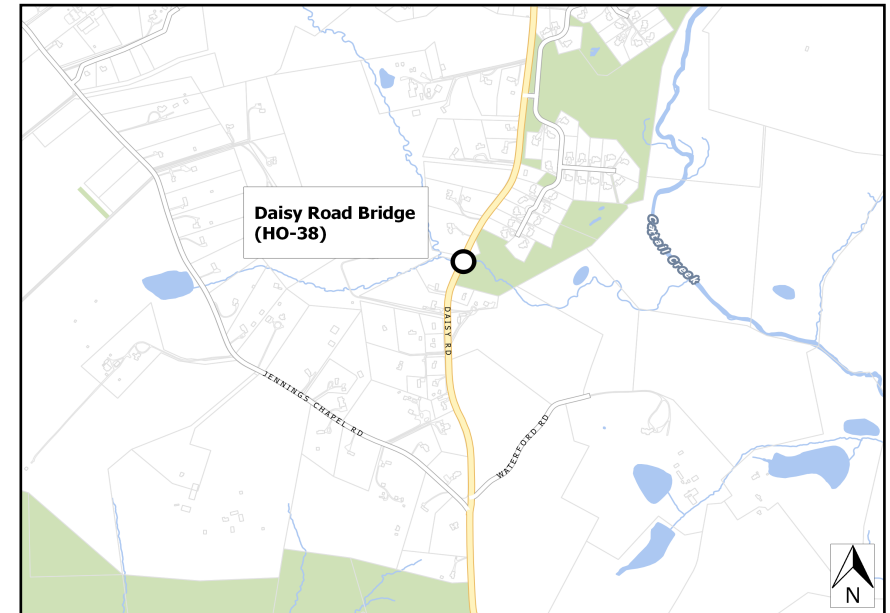
Project Schedule

FY23 - Construction
FY24 - Close

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3849-FY1996 DAISY ROAD BRIDGE (H0-38)

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	245	0	245	0	0	0	0	0	0	0	0	0	0	245
LAND ACQUISITION	75	0	75	0	0	0	0	0	0	0	0	0	0	75
CONSTRUCTION	2,245	0	2,245	0	0	0	0	0	0	0	0	0	0	2,245
ADMINISTRATION	34	0	34	0	0	0	0	0	0	0	0	0	0	34
Total Expenditures	2,599	0	2,599	0	0	0	0	0	0	0	0	0	0	2,599
BONDS	832	0	832	0	0	0	0	0	0	0	0	0	0	832
DEVELOPER CONTRIBUTION	42	0	42	0	0	0	0	0	0	0	0	0	0	42
GRANTS	1,660	0	1,660	0	0	0	0	0	0	0	0	0	0	1,660
PAY AS YOU GO	65	0	65	0	0	0	0	0	0	0	0	0	0	65
Total Funding	2,599	0	2,599	0	0	0	0	0	0	0	0	0	0	2,599

\$0 spent and encumbered through February 2022

\$377,280 spent and encumbered through February 2021

Project Status FY22 - Land acquisition and utility relocation underway.

FY 2022 Budget	2,599	0	2,599	0	0	0	0	0	0	0	0	0		2,599
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3850-FY2001 STRUCTURE INSPECTION PROGRAM

Description

A project to inspect Howard County bridges in accordance with the federally mandated National Bridge Inspection Standards. This work includes determining the structural condition and safe load carrying capacity of the structures. County owned retaining walls will also be inspected.

Justification

Howard County bridges are inspected on a two-year cycle for the safety of the traveling public, to qualify for FHWA Grant funding for all jurisdictional bridges, and to protect Howard County's infrastructure investment.

Remarks

Number of bridges and culverts requiring inspection has recently increased.

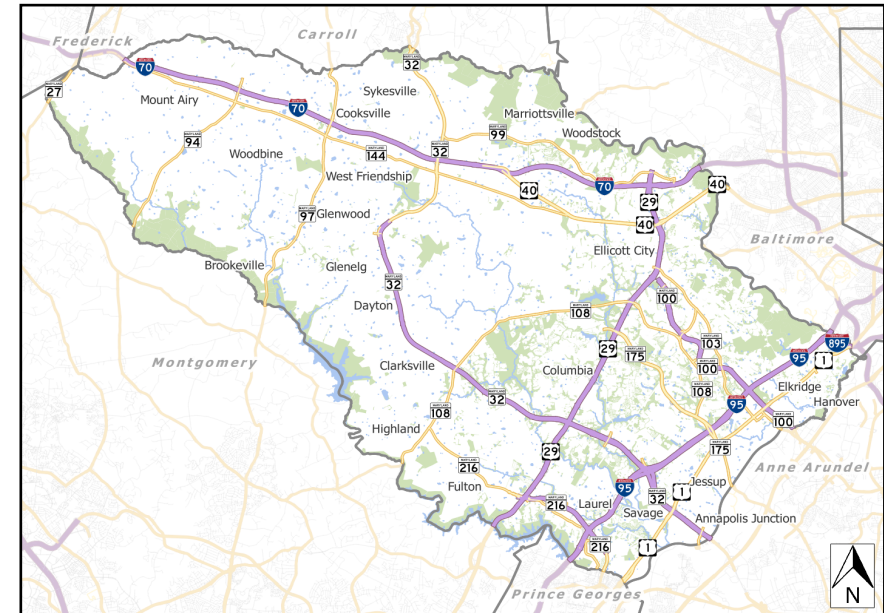
Project Schedule

Program

Operating Budget Impact

Estimated annual maintenance costs upon completion: No Change.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3850-FY2001 STRUCTURE INSPECTION PROGRAM

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	2,800	0	2,800	500	500	500	300	300	2,100	300	300	300	300	6,100
ADMINISTRATION	30	0	30	0	0	0	0	0	0	0	0	0	0	30
Total Expenditures	2,830	0	2,830	500	500	500	300	300	2,100	300	300	300	300	6,130
BONDS	200	0	200	0	0	0	0	0	0	0	0	0	0	200
PAY AS YOU GO	2,630	0	2,630	500	500	500	300	300	2,100	300	300	300	300	5,930
Total Funding	2,830	0	2,830	500	500	500	300	300	2,100	300	300	300	300	6,130

\$0 spent and encumbered through February 2022

\$2,029,210 spent and encumbered through February 2021

Project Status FY22 - Inspections for large structures are ongoing. Small structures inspection contract to be advertised.

FY 2022 Budget	2,830	500	3,330	500	500	500	300	0	1,800	0	0	0		5,130
Difference 2022 / 2023	0	(500)	(500)	0	0	0	0	300	300	300	300	300	300	1,000

Sufficient funding remains to continue ongoing inspections of structures.

Project: B3853-FY2000 EMERGENCY STRUCTURE RECONSTRUCTION

Description

A fund for Howard County to undertake construction and repair of bridges, culverts and retaining walls requiring prompt action. Structures may suffer damage as a result of heavy storms or fail due to progressive deterioration or disasters and thereby require immediate action with these design and construction funds.

Justification

Without this fund, a roadway may be closed for an extended period of time thus creating a major inconvenience to citizens.

Remarks

1. Grant represents FEMA reimbursement and Federal Bridge Rehabilitation and Replacement funds.
2. OTHER represents Insurance reimbursement.
3. Request represents program advancement.

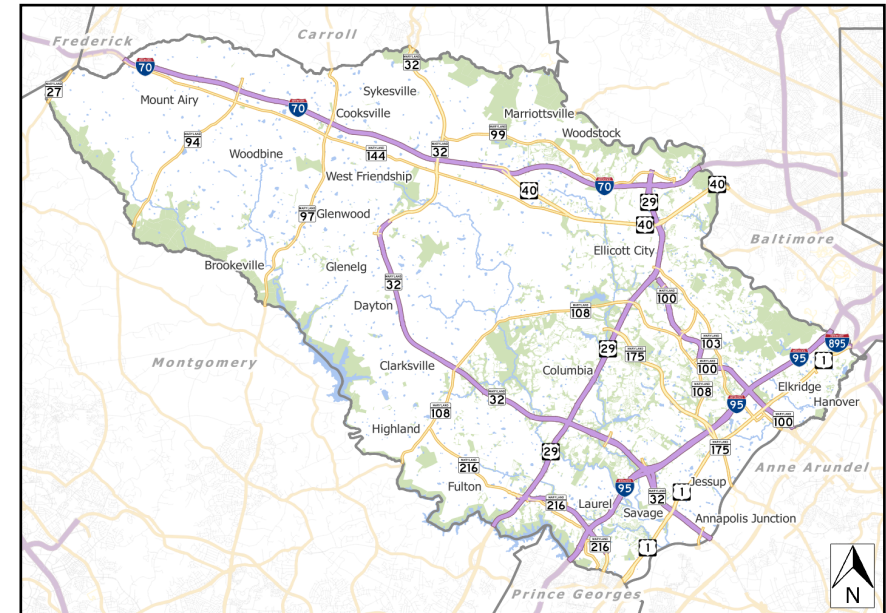
Project Schedule

Program

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3853-FY2000 EMERGENCY STRUCTURE RECONSTRUCTION

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	695	0	695	100	100	100	100	200	600	200	200	0	0	1,695
LAND ACQUISITION	165	0	165	0	0	0	0	0	0	0	0	0	0	165
CONSTRUCTION	6,899	500	7,399	400	400	400	400	550	2,150	800	800	0	0	11,149
ADMINISTRATION	20	0	20	0	0	0	0	0	0	0	0	0	0	20
Total Expenditures	7,779	500	8,279	500	500	500	500	750	2,750	1,000	1,000	0	0	13,029
BONDS	6,155	500	6,655	500	500	500	500	750	2,750	1,000	1,000	0	0	11,405
GRANTS	1,550	0	1,550	0	0	0	0	0	0	0	0	0	0	1,550
OTHER SOURCES	30	0	30	0	0	0	0	0	0	0	0	0	0	30
PAY AS YOU GO	44	0	44	0	0	0	0	0	0	0	0	0	0	44
Total Funding	7,779	500	8,279	500	500	500	500	750	2,750	1,000	1,000	0	0	13,029

\$0 spent and encumbered through February 2022

\$6,781,181 spent and encumbered through February 2021

Project Status FY22 - Projects in progress: Brighton Dam Road bridge repairs design. Cost sharing with Anne Arundel County for Bridge replacements of Hanover Road over Deep Run (AA5006), Furnace Ave. (AA5002) and O'Connor Rd. (AA5009), (HO-111X) Sylvan Lane over Sucker Branch bridge repair.

Projects complete: HO-001X College Ave bridge rehab, Bonnie Branch Rd pavement reconstruction (six locations), bypass reconstruction for HO-105 Henryton Rd bridge, abutment repairs for HO-023 Carroll Mill Rd bridge, HO-075 Foundry Street Bridge Rehabilitation, HO-277 Old Stockbridge Road culvert replacement, River Road culvert and road repairs, HO064 Old Columbia Road bridge parapet repair, Mulligan Hill Ln Retaining wall, Parking Lot E wall, Parking Lot D pedestrian bridge repair, HO112 Cradlerock Way, HO3 Ilchester Rd over Bonnie Branch Rd, HO015 Vollmerhausen Rd, HO126 Snowden River Pkwy, HO162 Landing Rd, HO194 Guilford Rd, HO101X Frederick Rd.

FY 2022 Budget	7,779	0	7,779	500	500	1,000	1,000	1,000	4,000	1,000	1,000	0		13,779
Difference 2022 / 2023	0	500	500	0	0	(500)	(500)	(250)	(1,250)	0	0	0	0	(750)

Additional funding needed to cover unforeseen emergencies involving County structures.

Project: B3857-FY2001 SYSTEMIC STRUCTURE IMPROVEMENTS

Description

A project for specialized renovation items for bridges and retaining walls throughout the County.

Justification

This effort will reduce the need for closing of bridges by addressing problem items in a timely manner. Some items of work will be cleaning and painting structural steel to extend the useful life of the bridges, placing Class 2 riprap (up to 2,000-pound stones) to counter scour at abutments, concrete repairs and slope failures.

Remarks

1. This work is beyond the capabilities of the County Highway maintenance crews.
2. Grant represents Federal Bridge Rehabilitation and Replacement funds.

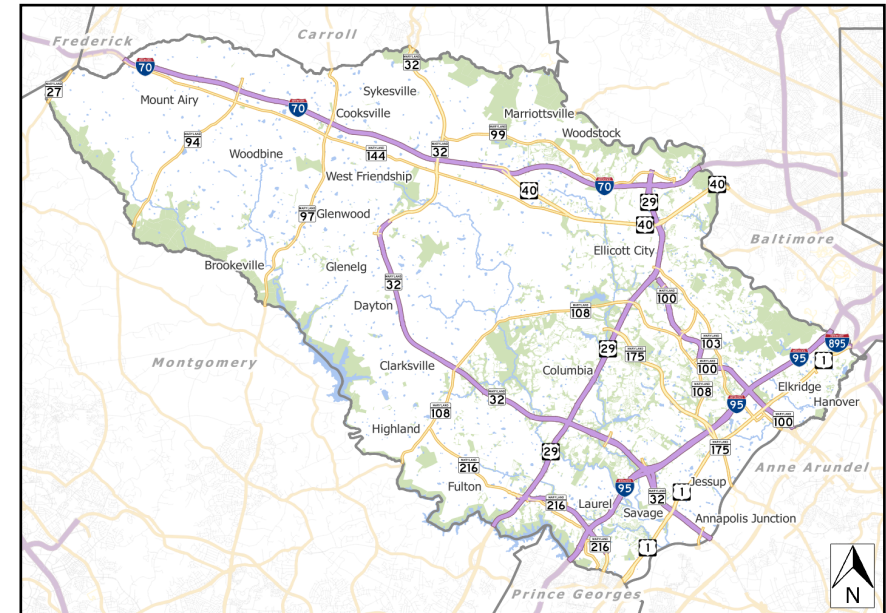
Project Schedule

Program

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3857-FY2001 SYSTEMIC STRUCTURE IMPROVEMENTS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,360	0	1,360	0	0	0	0	0	0	0	0	0	0	1,360
CONSTRUCTION	7,626	0	7,626	500	500	0	0	0	1,000	0	0	0	0	8,626
ADMINISTRATION	10	0	10	0	0	0	0	0	0	0	0	0	0	10
Total Expenditures	8,996	0	8,996	500	500	0	0	0	1,000	0	0	0	0	9,996
BONDS	2,480	0	2,480	500	500	0	0	0	1,000	0	0	0	0	3,480
GRANTS	6,000	0	6,000	0	0	0	0	0	0	0	0	0	0	6,000
PAY AS YOU GO	516	0	516	0	0	0	0	0	0	0	0	0	0	516
Total Funding	8,996	0	8,996	500	500	0	0	0	1,000	0	0	0	0	9,996

\$0 spent and encumbered through February 2022

\$2,493,049 spent and encumbered through February 2021

Project Status FY22 - Design is underway to fully replace 1 bridge: Old Montgomery Rd over Lake Elkhorn Branch (HO-055), and rehabilitate 9 bridges: Sheppard Ln over Middle Patuxent River (HO-016), Watersville Rd over Hay Meadow Branch (HO-043), Henryton Rd over Tributary to Patapsco River (HO-053), Tamar Dr over Little Patuxent River Tributary (HO-109), Snowden River Pkwy over Robert Fulton Dr Southbound lane (HO-126), Snowden River Pkwy over Robert Fulton Dr Northbound lane (HO-128), Guilford Dr over Middle Patuxent River (HO-131), Park Circle over Deep Run (HO-141), Broken Land Pkwy over Little Patuxent River (HO-152). Lining of large metal culverts is the next contract for this program.

FY 2022 Budget	8,996	0	8,996	500	500	0	0	0	1,000	0	0	0		9,996
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Project: B3858-FY2019 PFEFFERKORN ROAD BRIDGE (HO-31)

Description

A project for the design and construction of a bridge replacement for Pfefferkorn Road over Middle Patuxent River. Pfefferkorn Road is classified as a local road in the Plan Howard 2030.

Justification

The existing bridge is 36 feet long with 20 feet of pavement in a 30-foot right-of-way and is currently posted for 14 tons and 30 mph. The bridge is functionally obsolete due to its narrow width and posted weight limit.

Remarks

1. The bridge is not eligible for Federal Bridge Rehabilitation|Reconstruction funds.
2. Scenic road characteristics will be preserved in the improvements.
3. Request represents project advancement.

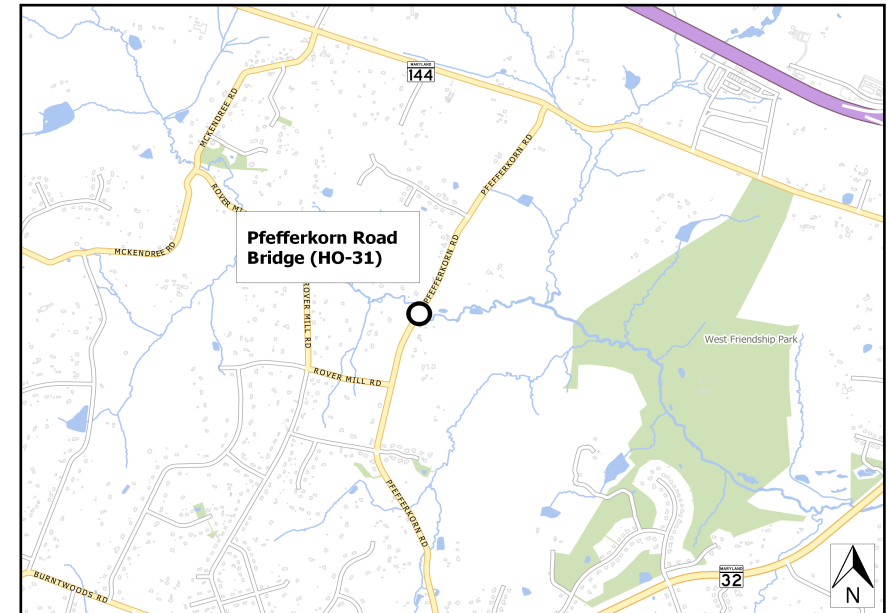
Project Schedule

- FY22 - Design
- FY23 - Land acquisition
- FY24 - Construction

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

None.

Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3858-FY2019 PFEFFERKORN ROAD BRIDGE (HO-31)

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	275	100	375	0	0	0	0	0	0	0	0	0	0	375
LAND ACQUISITION	50	0	50	0	0	0	0	0	0	0	0	0	0	50
CONSTRUCTION	0	0	0	900	0	0	0	0	900	0	0	0	0	900
Total Expenditures	325	100	425	900	0	0	0	0	900	0	0	0	0	1,325
BONDS	325	100	425	900	0	0	0	0	900	0	0	0	0	1,325
Total Funding	325	100	425	900	0	0	0	0	900	0	0	0	0	1,325

\$0 spent and encumbered through February 2022

\$242,871 spent and encumbered through February 2021

Project Status FY22 - Project is under design in conjunction with 10 structures funded under Project B3857.

FY 2022 Budget	325	1,000	1,325	0	0	0	0	0	0	0	0	0		1,325
Difference 2022 / 2023	0	(900)	(900)	900	0	0	0	0	900	0	0	0	0	0

Project phasing has been shifted back by one year.

Project: B3860-FY2016 CARROLL MILL ROAD BRIDGE REPLACEMENT (HO-23)

Description

A project for the design and construction of a replacement structure for the Carroll Mill Road bridge over Benson Branch. Carroll Mill Road is classified as a minor collector road in the Plan Howard 2030.

Justification

The deck beams and abutments are deteriorating making the bridge structurally deficient. It is expected that continued deterioration will require the bridge to be posted, decreasing its weight carrying capacity in the future. It is on an increased inspection schedule.

Remarks

1. Grant represents Federal Bridge Rehabilitation and Replacement funds.
2. Request represents project advancement.

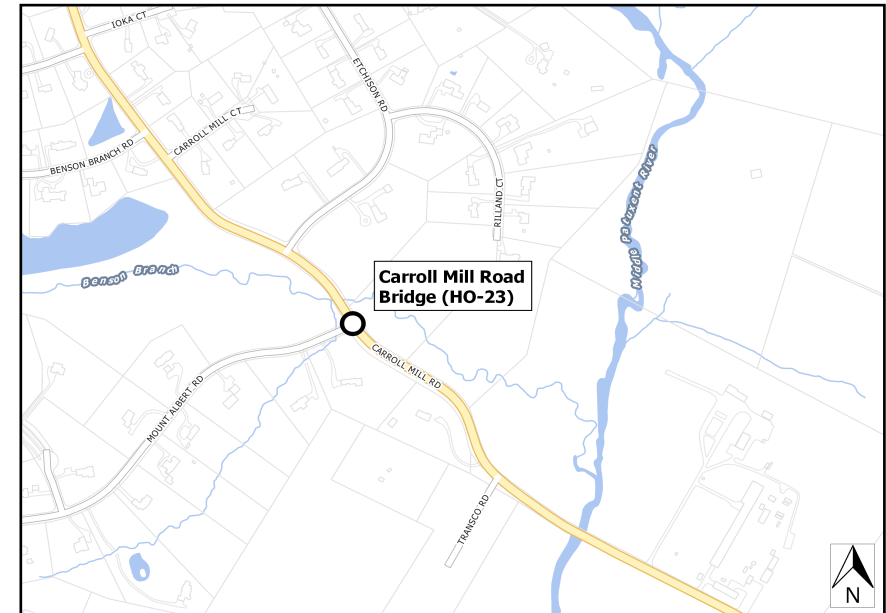
Project Schedule

FY23 - Land acquisition and Construction
 FY24 - Close

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3860-FY2016 CARROLL MILL ROAD BRIDGE REPLACEMENT (H0-23)

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	300	0	300	0	0	0	0	0	0	0	0	0	0	300
LAND ACQUISITION	100	0	100	0	0	0	0	0	0	0	0	0	0	100
CONSTRUCTION	0	1,200	1,200	0	0	0	0	0	0	0	0	0	0	1,200
Total Expenditures	400	1,200	1,600	0	0	0	0	0	0	0	0	0	0	1,600
BONDS	400	240	640	0	0	0	0	0	0	0	0	0	0	640
GRANTS	0	960	960	0	0	0	0	0	0	0	0	0	0	960
Total Funding	400	1,200	1,600	0	0	0	0	0	0	0	0	0	0	1,600

\$0 spent and encumbered through February 2022

\$298,860 spent and encumbered through February 2021

Project Status FY22 - Project is under design

FY 2022 Budget	400	1,200	1,600	0	0	0	0	0	0	0	0	0		1,600
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3862-FY2013 RETAINING WALLS

Description

A Countywide project for the repair, re-conditioning and development of new retaining walls. It also includes slope stabilization when appropriate. The walls are at various locations both in and extending outside of the county right-of-way and vary in height and length.

Justification

These retaining walls require extensive rehabilitation or replacement which is beyond the scope of normal highway maintenance. This project may also address areas of slope failure where no wall currently exists.

Remarks

GRANT represents anticipated Federal Aid and State Aid funding for Woodstock Road reconstruction.

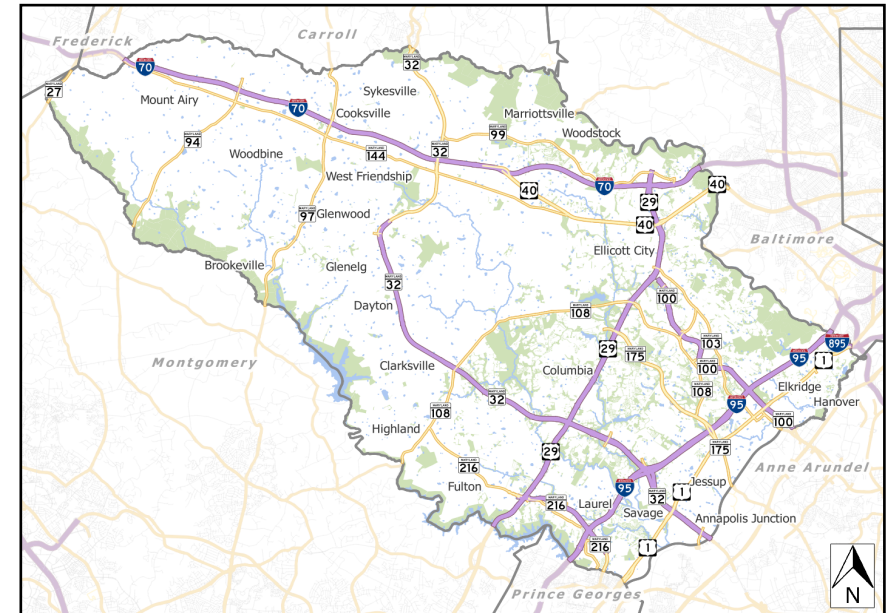
Project Schedule

Program

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3862-FY2013 RETAINING WALLS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	360	0	360	0	0	0	0	0	0	0	0	0	0	360
LAND ACQUISITION	70	0	70	0	0	0	0	0	0	0	0	0	0	70
CONSTRUCTION	2,520	0	2,520	0	0	0	0	0	0	0	0	0	0	2,520
Total Expenditures	2,950	0	2,950	0	0	0	0	0	0	0	0	0	0	2,950
BONDS	1,850	0	1,850	0	0	0	0	0	0	0	0	0	0	1,850
GRANTS	1,100	0	1,100	0	0	0	0	0	0	0	0	0	0	1,100
Total Funding	2,950	0	2,950	0	0	0	0	0	0	0	0	0	0	2,950

\$0 spent and encumbered through February 2022

\$1,989,302 spent and encumbered through February 2021

Project Status FY22 - Relocation of retaining wall at 3877 College Ave underway. Hill Street retaining wall repairs pending (Land acquisition for one property is required.)

Construction complete: Repair to the retaining wall at 3800 Old Columbia Pike, Old Stockbridge Dr wall, Phase I & Phase II - Woodstock Rd wall replacement.

Study Complete: Lawyers Hill slope, Loudon Avenue wall, New Cut Rd wall

FY 2022 Budget	2,950	0	2,950	0	0	0	0	0	0	0	0	0		2,950
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Project: B3863-FY2013 DOWNTOWN COLUMBIA-OAKLAND MILLS CONNECTION IMPROVEMENTS

Description

A project to provide a feasibility study, design and construction of enhancements to existing and potential future connections over US29.

Justification

Given the redevelopment plans for Downtown Columbia and planned multimodal path linking Howard County General Hospital and Howard Community College through Downtown over US29 to Blandair Park, this project is necessary to develop an effective crossing over US29.

Remarks

OTHER Sources represents developer contribution.

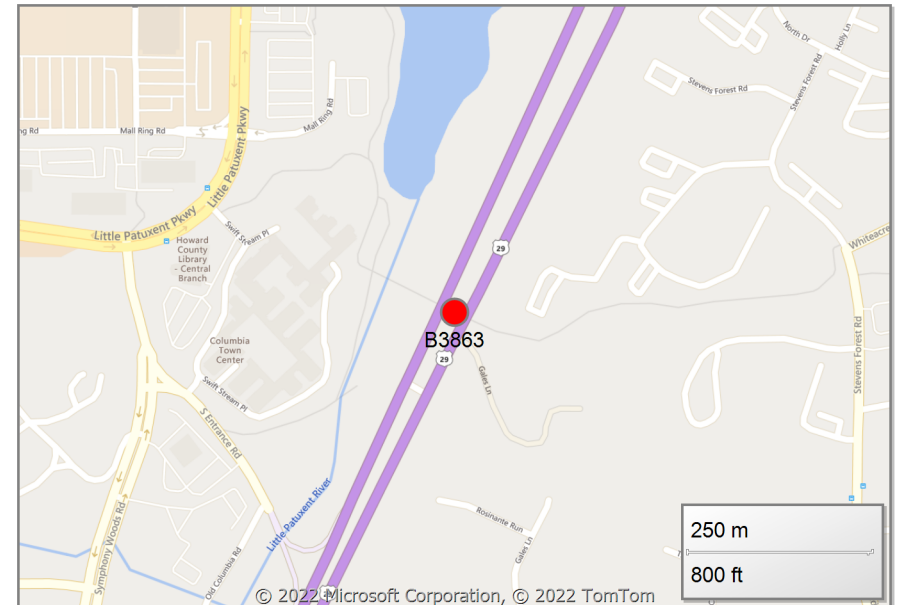
Project Schedule

FY22 - Project is in financial closeout process

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

BRIDGE PROJECTS

Project: B3863-FY2013 DOWNTOWN COLUMBIA-OAKLAND MILLS CONNECTION IMPROVEMENTS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	450	0	450	0	0	0	0	0	0	0	0	0	0	450
CONSTRUCTION	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
Total Expenditures	1,450	0	1,450	0	0	0	0	0	0	0	0	0	0	1,450
BONDS	950	0	950	0	0	0	0	0	0	0	0	0	0	950
OTHER SOURCES	500	0	500	0	0	0	0	0	0	0	0	0	0	500
Total Funding	1,450	0	1,450	0	0	0	0	0	0	0	0	0	0	1,450

\$0 spent and encumbered through February 2022

\$1,299,185 spent and encumbered through February 2021

Project Status FY17 - Bridge Feasibility Study completed

FY18 - Bridge Columbia-Transitway Feasibility study completed

FY18 - Design and construction of selected alternate for existing bridge structure was completed

FY21 - Start financial closeout process.

FY 2022 Budget	1,450	0	1,450	0	0	0	0	0	0	0	0	0		1,450
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Howard County, MD
FY 2023 Planning Board Capital Budget
GENERAL COUNTY PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
C0182-FY1985 PUBLIC SAFETY EDUCATION CENTER A project for design & construction of a group of facilities for training of public safety employees.	B	27,326	0	27,326	0	0	0	0	0	27,326
	T	250	0	250	0	0	0	0	0	250
	Total	27,576	0	27,576	0	0	0	0	0	0
C0214-C0214-CATEGORY CONTINGENCY FUND The fund is designed for use as a revenue source for Transfers of Appropriation when either construction costs are higher than originally estimated, contributions from grants vary from projections, or engineering must be advanced from future years to the present fiscal year for critical program needs; all subject to Council approval.	G	59,452	0	59,452	10,000	0	10,000	0	0	79,452
	O	8,100	0	8,100	0	0	0	0	0	8,100
	T	1,655	0	1,655	0	0	0	0	0	1,655
	Total	69,207	0	69,207	10,000	0	10,000	0	0	0
C0256-ENVIRONMENTAL ASSESSMNT CONTINGENCY FUND Evaluation of environmental conditions of property and buildings which become available for purchase or use prior to a specific capital project being established or which are part of an existing project.	P	646	0	646	50	26	50	26	50	848
	Total	646	0	646	50	26	50	26	50	848
C0285-FY2002 US1 CORRIDOR REVITALIZATION A project to plan, design and implement a series of streetscape, pedestrian, bicycle, transportation and public green space improvements on public property in the US1 Corridor.	B	1,100	0	1,100	0	0	0	0	0	1,100
	G	826	0	826	0	0	0	0	0	826
	O	610	0	610	0	0	0	0	0	610
	Total	2,536	0	2,536	0	0	0	0	0	0
C0290-FY2019 COURTHOUSE RENOVATION REPLACEMENT A project to renovate and replace the existing courthouse.	B	96,495	0	96,495	0	0	0	0	0	96,495
	P	985	0	985	0	0	0	0	0	985
	Total	97,480	0	97,480	0	0	0	0	0	97,480

Howard County, MD
FY 2023 Planning Board Capital Budget
GENERAL COUNTY PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
C0299-FY2005 WASTE MANAGEMENT IMPROVEMENTS	B	5,269	0	5,269	0	0	0	0	0	5,269
A project for the design and construction of capital improvements at the Alpha Ridge Solid Waste Facility, New Cut and Carrs Mill Landfills.	O	27,636	5,282	32,918	5,736	2,252	515	4,611	0	46,032
	P	200	0	200	0	0	0	0	0	200
	Total	33,105	5,282	38,387	5,736	2,252	515	4,611	0	51,501
C0301-FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES	B	27,961	1,000	28,961	1,700	1,700	1,700	1,700	1,700	37,461
This project covers security, infrastructure hardware and network upgrades, as well as life-cycle replacement.	P	885	0	885	0	0	0	0	0	885
	Total	28,846	1,000	29,846	1,700	1,700	1,700	1,700	1,700	38,346
C0311-FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS	B	21,700	600	22,300	0	0	0	0	0	22,300
Enhancement to 800 MHz Motorola Astro P-25 trunking radio system for Public Safety and general government.	L	10,400	0	10,400	0	0	0	0	0	10,400
	O	500	0	500	0	0	0	0	0	500
	Total	32,600	600	33,200	0	0	0	0	0	33,200
C0312-FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM	B	10,060	1,000	11,060	800	800	800	800	800	15,060
The County currently is utilizing SAP ERP software solution as the system of Financial Accounting, Purchasing and Utility Water and Sewer billing.	C	5,530	0	5,530	0	0	0	0	0	5,530
	P	2,700	0	2,700	0	0	0	0	0	2,700
	Total	18,290	1,000	19,290	800	800	800	800	800	23,290
C0313-FY2008 ENVIRONMENTAL COMPLIANCE CONSTRUCTION	B	12,864	0	12,864	479	170	170	170	170	14,023
A project to support environmental compliance activities for County Facilities.	P	200	0	200	0	0	0	0	0	200
	Total	13,064	0	13,064	479	170	170	170	170	14,223
C0315-FY2009 PUBLIC SAFETY SYSTEM ENHANCEMENTS	B	9,447	750	10,197	600	600	600	600	600	13,197
This project will provide a variety of functionality enhancements for the County's existing Public Safety Systems.	O	950	0	950	0	0	0	0	0	950
	Total	10,397	750	11,147	600	600	600	600	600	14,147

Howard County, MD
FY 2023 Planning Board Capital Budget
GENERAL COUNTY PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
C0317-FY2013 SYSTEMIC FACILITY IMPROVEMENTS	B	70,637	0	70,637	0	0	0	0	0	70,637
A project to improve or upgrade the physical plant of public buildings, their equipment and systems, to replace plants and systems which have deteriorated beyond routine maintenance or provide for system management initiatives.	L	15,000	0	15,000	0	0	0	0	0	15,000
	O	64	0	64	0	0	0	0	0	64
	P	3,000	0	3,000	0	0	0	0	0	3,000
	Total	88,701	0	88,701	0	0	0	0	0	88,701
C0319-FY2010 TAX INCREMENT FINANCING PROJECTS	TIF	90,000	0	90,000	0	0	0	0	0	90,000
A project for funding of tax increment financing projects.	Total	90,000	0	90,000	0	0	0	0	0	90,000
C0322-FY2012 CENTRAL FLEET SYSTEMIC IMPROVEMENTS and FUEL SYSTEM	B	5,121	1,010	6,131	1,000	1,000	100	1,880	0	10,111
This is a project to fund improvements to the County's fuel storage, dispensing and monitoring systems, and to improve or upgrade the physical plant of Fleet Equipment.	M	120	790	910	0	0	0	0	0	910
	O	600	0	600	0	0	0	0	0	600
	Total	5,841	1,800	7,641	1,000	1,000	100	1,880	0	11,621
C0324-FY2012 GEODETIC NETWORK AUTOMATION	B	165	60	225	0	0	0	0	0	225
A project to purchase survey global positioning system (GPS) and digital survey equipment.	P	290	25	315	40	0	0	0	0	355
	Total	455	85	540	40	0	0	0	0	580
C0329-FY2012 ENERGY MANAGEMENT/IMPROVEMENTS	B	650	302	952	0	0	200	400	0	1,552
A project to develop a 5-10 year business plan for energy performance optimization.	G	75	345	420	0	0	0	0	0	420
	O	0	115	115	0	0	0	0	0	115
	P	650	0	650	0	0	0	0	0	650
	Total	1,375	762	2,137	0	0	200	400	0	2,737

Howard County, MD
FY 2023 Planning Board Capital Budget
GENERAL COUNTY PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
C0332-FY2014 BUS STOP IMPROVEMENTS	B	240	0	240	0	0	0	0	0	240
A project to implement a series of systemic improvements to the Regional Transportation Agency (RTA) bus stops, as well as bus stops associated with the proposed extension of the Montgomery County FLASH service north to Howard County.	G	450	400	850	0	0	0	0	0	850
	P	820	150	970	50	50	50	50	50	1,220
	Total	1,510	550	2,060	50	50	50	50	50	2,310
C0333-FY2015 DETENTION CENTER RENOVATIONS	B	13,751	3,750	17,501	2,975	850	850	1,020	0	23,196
The Department of Corrections currently is facing severe challenges and regulatory mandates that must be resolved through various renovations until a new facility can be constructed.	P	1,000	0	1,000	0	0	0	0	0	1,000
	Total	14,751	3,750	18,501	2,975	850	850	1,020	0	24,196
C0334-FY2014 EMERGENCY ALTERNATIVE POWER	B	1,000	0	1,000	0	0	0	0	0	1,000
Relative to County facilities, implement a program to ensure continuity of operations in County facilities for purposes relative to essential functions during various emergency scenarios and make the necessary hardware modifications.	G	300	0	300	0	0	0	0	0	300
	Total	1,300	0	1,300	0	0	0	0	0	1,300
C0335-FY2014 COMMUNITY RESOURCES and SERVICES FACILITY/PROGRAM ENHANCEMENTS	B	15,850	0	15,850	740	0	0	0	0	16,590
A project to renovate and expand the facilities for the Department of Community Resources and Services (DCRS).	G	1,000	750	1,750	0	0	0	0	0	1,750
	P	5,555	0	5,555	0	0	0	0	0	5,555
	Total	22,405	750	23,155	740	0	0	0	0	23,895
C0336-FY2014 LANDFILL RESOURCE MANAGEMENT	B	400	0	400	0	0	0	0	0	400
A project for the design and construction of resource improvements at the Alpha Ridge Landfill and Resident's Recycling and Demonstration Center.	P	100	0	100	0	0	0	0	0	100
	Total	500	0	500	0	0	0	0	0	500

Howard County, MD
FY 2023 Planning Board Capital Budget
GENERAL COUNTY PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
C0337-FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS This is a project to provide a variety of repairs and improvements to public infrastructure and address other community improvements and to make improvements to the downtown and historic district of the Howard County Seat.	B	38,675	0	38,675	10,500	0	0	0	0	49,175
	D	165	0	165	0	0	0	0	0	165
	G	25,596	14,000	39,596	0	0	0	0	0	39,596
	O	5	0	5	0	0	0	0	0	5
	P	6,950	21,900	28,850	0	0	0	0	0	28,850
	R	1,500	0	1,500	0	0	0	0	0	1,500
	W	75,000	0	75,000	0	0	0	0	0	75,000
	Total	147,891	35,900	183,791	10,500	0	0	0	0	0
C0338-FY2015 BROADBAND INSTALLATIONS The Broadband Installation project will improve the fiber installed through the ICBN grant and extend services to various organizations including adding additional county facilities to our fiber network.	O	3,000	0	3,000	0	0	0	0	0	3,000
	Total	3,000	0	3,000	0	0	0	0	0	3,000
C0339-FY2015 BROADBAND INSTALLATIONS NON-COUNTY GOVERNMENT The Broadband Installation project will extend services to various non-county government organizations including adding facilities to our fiber network.	O	5,000	0	5,000	0	0	0	0	0	5,000
	Total	5,000	0	5,000	0	0	0	0	0	5,000
C0340-FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT The Broadband Installation project will extend services to non-government facilities to our fiber network.	O	2,000	0	2,000	0	0	0	0	0	2,000
	Total	2,000	0	2,000	0	0	0	0	0	2,000
C0342-CLARKSVILLE PARKING GARAGE This project is for the design, construction and construction management of a parking garage on Clarksville Pike, Clarksville Maryland.	B	0	0	0	0	0	0	0	475	475
	Total	0	0	0	0	0	0	0	475	475

Howard County, MD
FY 2023 Planning Board Capital Budget
GENERAL COUNTY PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
C0348-FY2017 MODERNIZATION OF FLEET AND HIGHWAYS SHOPS	B	3,615	2,800	6,415	2,300	100	100	100	0	9,015
	Total	3,615	2,800	6,415	2,300	100	100	100	0	9,015
A project for the master planning, design, construction of new facilities and renovation of existing County Fleet and Highways Facilities to modernize the facilities.										
C0349-FY2017 ENVIRONMENTAL COMPLIANCE OPERATIONS	B	1,058	200	1,258	298	345	241	171	165	2,478
	Total	1,058	200	1,258	298	345	241	171	165	2,478
A project to support environmental compliance activities for County Facilities.										
C0350-FY2017 NEW BUDGET SYSTEM	B	500	0	500	0	0	0	0	0	500
	Total	500	0	500	0	0	0	0	0	500
The Budget Application project has been established to purchase and implement a new budget system for improved efficiencies, transparency and presentation.										
C0351-FY2017 HARRIET TUBMAN REMEDIATION and RESTORATION	B	5,580	300	5,880	0	0	0	0	0	5,880
	G	1,850	0	1,850	0	0	0	0	0	1,850
	P	1,300	0	1,300	0	0	0	0	0	1,300
	Total	8,730	300	9,030	0	0	0	0	0	9,030
This project will provide for Harriet Tubman High School remediation of hazardous containing material such as ACM, lead, PCB, and fuel.										
C0352-FY2017 SITE ACQUISITION FOR SCHOOL SITES AND ELEVATED WATER STORAGE FACILITIES	B	10,720	0	10,720	0	0	0	0	0	10,720
	M	6,800	0	6,800	0	0	0	0	0	6,800
	O	2,500	0	2,500	0	0	0	0	0	2,500
	P	5,500	0	5,500	0	0	0	0	0	5,500
	Total	25,520	0	25,520	0	0	0	0	0	25,520
This project establishes a fund for school site acquisition that comes available on the market that meets the future needs of the County specifically to serve the public interest to add or enhance the school system sites for new schools.										
C0353-TRANSIT CENTER	B	0	0	0	0	0	0	0	0	0
	O	0	0	0	0	0	0	0	0	0
	OG	0	0	0	0	0	0	0	0	0
A project for site selection, design and construction of a transit center.										

Howard County, MD
FY 2023 Planning Board Capital Budget
GENERAL COUNTY PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
C0353-TRANSIT CENTER	Total	0	0	0	0	0	0	0	0	0
C0354-FY2019 BUILDING ACCESS CONTROL AND SECURITY ENHANCEMENTS	B	100	500	600	1,000	750	500	500	500	3,850
This project includes design and implementation of new and improved existing electronic security systems at a number of County facilities.	Total	100	500	600	1,000	750	500	500	500	3,850
C0358-FY2019 NORTH LAUREL COMMUNITY POOL	B	100	0	100	0	0	0	0	14,400	14,500
This project will construct an enclosed swimming pool at North Laurel Park, providing the County with a needed second public pool.	Total	100	0	100	0	0	0	0	14,400	14,500
C0359-FY2019 TURF VALLEY SCHOOL SITE ACQUISITION	B	4,000	0	4,000	0	0	0	0	0	4,000
A project to purchase land for a new elementary school in the Turf Valley neighborhood of Ellicott City.	P	2,000	0	2,000	0	0	0	0	0	2,000
	Total	6,000	0	6,000	0	0	0	0	0	6,000
C0360-FY2019 REAL ESTATE PLANNING AND DESIGN	B	500	400	900	0	0	300	0	500	1,700
This project will provide funding for expenses related to potential properties that become available and meet the future needs of the County to serve the public interest and no funded Capital Project exists.	Total	500	400	900	0	0	300	0	500	1,700
C0362-FY2019 GATEWAY INNOVATION CENTER RENOVATION	O	3,000	0	3,000	0	0	0	0	0	3,000
A project for renovations of the Gateway Building located at 6751 Columbia Gateway Drive to facilitate the implementation of the Gateway Innovation Center.	OG	1,000	0	1,000	0	0	0	0	0	1,000
	Total	4,000	0	4,000	0	0	0	0	0	4,000

Howard County, MD
FY 2023 Planning Board Capital Budget
GENERAL COUNTY PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
C0363-FY2019 LINWOOD SCHOOL PARKING LOT A project to construct a parking lot adjacent to the Linwood School site located on Martha Bush Drive in Ellicott City.	B	100	0	100	0	0	0	0	0	100
	G	100	0	100	0	0	0	0	0	100
	O	100	0	100	0	0	0	0	0	100
	Total	300	0	300	0	0	0	0	0	0
C0364-FY2021 NEW CULTURAL CENTER This project is to design and build a cultural art center in downtown Columbia.	D	1,000	0	1,000	0	0	0	0	0	1,000
	G	500	0	500	0	0	0	0	0	500
	OG	54,652	0	54,652	0	0	0	0	0	54,652
	Total	56,152	0	56,152	0	0	0	0	0	0
C0365 - SYSTEMIC FACILITY IMPROVEMENTS Project to maintain all county facilities managed by the Department of Public Works.	B	3,800	5,650	9,450	5,950	4,800	4,800	4,800	0	29,800
	G	500	250	750	250	0	0	0	0	1,000
	Total	4,300	5,900	10,200	6,200	4,800	4,800	4,800	4,800	0
C0366 - PUBLIC SAFETY TRAINING FACILITIES IMPROVEMENTS Project will make improvements determined by Public safety Master Plan, and as determined necessary for safety.	B	1,555	100	1,655	0	0	0	0	1,000	2,655
	Total	1,555	100	1,655	0	0	0	0	1,000	2,655
C0367 - FY2023 FEDERAL or STATE GRANT FUNDED CAPITAL PROJECTS This project is designed to support spending on infrastructure projects funded by Federal and State grants.	G	0	20,000	20,000	0	0	0	0	0	20,000
	Total	0	20,000	20,000	0	0	0	0	0	20,000
GENERAL COUNTY PROJECTS Total		830,906	82,429	913,335	44,468	13,443	20,976	16,828	20,410	1,029,460

Howard County, MD
FY 2023 Planning Board Capital Budget (\$000)
GENERAL COUNTY PROJECTS

	Revenue Source	Prior Total	Current FY	Appropriation Total
B	BONDS	390,339	18,422	408,761
D	DEVELOPER CONTRIBUTION	1,165	0	1,165
G	GRANTS	90,649	35,745	126,394
L	LEASE	25,400	0	25,400
M	METRO DISTRICT BOND	6,920	790	7,710
OG	Other GO	55,652	0	55,652
O	OTHER SOURCES	54,065	5,397	59,462
P	PAY AS YOU GO	32,781	22,075	54,856
R	STORMWATER UTILTY FUNDING	1,500	0	1,500
TIF	TIF BONDS	90,000	0	90,000
T	TRANSFER TAX	1,905	0	1,905
C	UTILITY CASH	5,530	0	5,530
W	WATER QUALITY STATE OR FED LOAN	75,000	0	75,000
Total		830,906	82,429	913,335

Howard County, MD
FY 2023 Planning Board 5 Year Capital Budget Project Type Summary
GENERAL COUNTY PROJECTS

Revenue Source		Prior Approp	Current FY	2024	2025	2026	2027	2028	Total
B	BONDS	390,339	18,422	28,342	11,115	10,361	12,141	20,310	491,030
C	UTILITY CASH	5,530	0	0	0	0	0	0	5,530
D	DEVELOPER CONTRIBUTION	1,165	0	0	0	0	0	0	1,165
G	GRANTS	90,649	35,745	10,250	0	10,000	0	0	146,644
L	LEASE	25,400	0	0	0	0	0	0	25,400
M	METRO DISTRICT BOND	6,920	790	0	0	0	0	0	7,710
O	OTHER SOURCES	54,065	5,397	5,736	2,252	515	4,611	0	72,576
OG	Other GO	55,652	0	0	0	0	0	0	55,652
P	PAY AS YOU GO	32,781	22,075	140	76	100	76	100	55,348
R	STORMWATER UTILTY FUNDING	1,500	0	0	0	0	0	0	1,500
T	TRANSFER TAX	1,905	0	0	0	0	0	0	1,905
TIF	TIF BONDS	90,000	0	0	0	0	0	0	90,000
W	WATER QUALITY STATE OR FED LOAN	75,000	0	0	0	0	0	0	75,000
Total		830,906	82,429	44,468	13,443	20,976	16,828	20,410	1,029,460

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0182-FY1985 PUBLIC SAFETY EDUCATION CENTER

Description

A project for design & construction of a group of facilities for training of public safety employees. Facilities are intended to include a burn building and drill tower, offices, classrooms, laboratories, weapons training facilities, crime scene simulation facilities, ancillary buildings, library & study for emergency service education programs.

Justification

Firing Range: expansion to meet combined training missions of Police, Sheriff & Dept. of Corrections. Current range was constructed based upon approx. half the number of sworn officers. Demand currently exceeds available capacity & presents operational liabilities with potential for errant rounds to escape insufficient containment berm & travel to significant population centers in proximity. Current measured decibel values are at max. permitted by COMAR. Critical training compromised if progress is not made in establishing both hands-on & classroom training facilities that are co-located.

Remarks

Firing Range safety modifications transitioning to new Capital Project C0366. Remaining funds in this project will be spent down on environmental study costs.

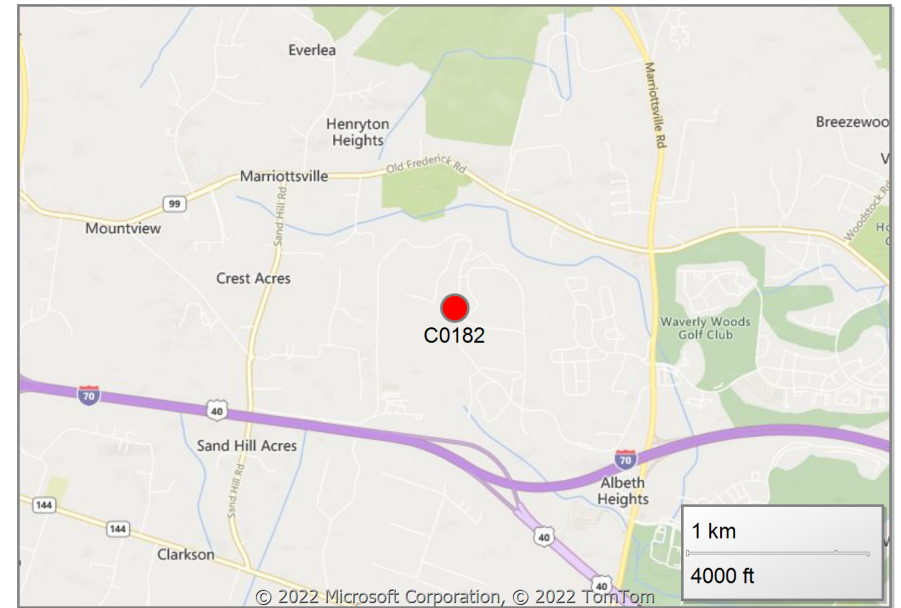
Project Schedule

FY23 - Project to be closed out.

Operating Budget Impact

No budget impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0182-FY1985 PUBLIC SAFETY EDUCATION CENTER

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	3,143	0	3,143	0	0	0	0	0	0	0	0	0	0	3,143
LAND ACQUISITION	945	0	945	0	0	0	0	0	0	0	0	0	0	945
CONSTRUCTION	21,225	0	21,225	0	0	0	0	0	0	0	0	0	0	21,225
ADMINISTRATION	93	0	93	0	0	0	0	0	0	0	0	0	0	93
EQUIPMENT & FURNISHINGS	2,170	0	2,170	0	0	0	0	0	0	0	0	0	0	2,170
Total Expenditures	27,576	0	27,576	0	0	0	0	0	0	0	0	0	0	27,576
BONDS	27,326	0	27,326	0	0	0	0	0	0	0	0	0	0	27,326
TRANSFER TAX	250	0	250	0	0	0	0	0	0	0	0	0	0	250
Total Funding	27,576	0	27,576	0	0	0	0	0	0	0	0	0	0	27,576

\$0 spent and encumbered through February 2022

\$27,524,661 spent and encumbered through February 2021

Project Status Remaining funds to be spent down in FY22 for environmental studies and related expenses to address Firing Range. Project to be closed out.

FY 2022 Budget	27,576	0	27,576	0	0	0	0	0	0	0	0	0		27,576
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project schedule changed to spend down remaining funds.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0214-C0214-CATEGORY CONTINGENCY FUND

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	5,876	0	5,876	0	0	0	0	0	0	0	0	0	0	5,876
LAND ACQUISITION	4,323	0	4,323	0	0	0	0	0	0	0	0	0	0	4,323
CONSTRUCTION	57,908	0	57,908	10,000	0	10,000	0	0	20,000	0	0	0	0	77,908
OTHER	1,100	0	1,100	0	0	0	0	0	0	0	0	0	0	1,100
Total Expenditures	69,207	0	69,207	10,000	0	10,000	0	0	20,000	0	0	0	0	89,207
GRANTS	59,452	0	59,452	10,000	0	10,000	0	0	20,000	0	0	0	0	79,452
OTHER SOURCES	8,100	0	8,100	0	0	0	0	0	0	0	0	0	0	8,100
TRANSFER TAX	1,655	0	1,655	0	0	0	0	0	0	0	0	0	0	1,655
Total Funding	69,207	0	69,207	10,000	0	10,000	0	0	20,000	0	0	0	0	89,207

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status

FY 2022 Budget	77,207	0	77,207	10,000	0	10,000	0	0	20,000	0	0	0		97,207
Difference 2022 / 2023	(8,000)	0	(8,000)	0	0	0	0	0	0	0	0	0	0	(8,000)

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0256-ENVIRONMENTAL ASSESSMNT CONTINGENCY FUND

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	600	0	600	50	0	50	0	50	150	0	50	0	50	850
CONSTRUCTION	46	0	46	0	26	0	26	0	52	26	0	26	0	150
Total Expenditures	646	0	646	50	26	50	26	50	202	26	50	26	50	1,000
PAY AS YOU GO	646	0	646	50	26	50	26	50	202	26	50	26	50	1,000
Total Funding	646	0	646	50	26	50	26	50	202	26	50	26	50	1,000

\$0 spent and encumbered through February 2022

\$490,325 spent and encumbered through February 2021

Project Status No current projects underway.

FY 2022 Budget	646	26	672	50	26	50	26	50	202	26	50	26		976
Difference 2022 / 2023	0	(26)	(26)	0	0	0	0	0	0	0	0	0	50	24

Project: C0285-FY2002 US1 CORRIDOR REVITALIZATION

Description

A project to plan, design and implement a series of streetscape, pedestrian, bicycle, transportation and public green space improvements on public property in the US1 Corridor. Acquisition for these improvements may be needed. Funding includes developer contributions. The County will either construct the improvements or have the developers construct the improvements for the County.

Justification

Revitalization of the US1 Corridor continues to be a priority area under PlanHoward 2030. The purpose is to invest public funds in community enhancement projects that will support and spur revitalization by the private sector, promote economic development and public safety and enhance the quality of life in existing, older neighborhoods in the Corridor. The project implements changes and improvements planned along the entire 11 mile corridor. Larger projects will implement improvements for the public benefit.

Remarks

1. Future funding for this project determined by the Department of Planning and Zoning based on the outcomes of the Rt 1 Corridor Master Plan and the 2017 US1 Safety Evaluation. The Office of Transportation, through the Safety Evaluation, developed a series of short-term improvements that include crosswalks and sidewalks. The Rt 1 Corridor Master Plan will be target to transportation, infrastructure and economic development strategies. Targeted for completion in late 2019, the plan will guide future funding for this project. In 2018, Howard County commissioned a market analysis of US1. The study identified market issues and suggested that future redevelopment focus on commercial nodes. This study will evaluate conditions to identify market-based development concepts that refine and clarify the Corridor's vision. Once complete, the study will guide implementation efforts and direct future funding for this project.
2. Pedestrian and bicycle improvements to promote public safety and access to State and Howard County public transportation services and MARC rail.
3. OTHER: Developer Contribution relating to CB2-2016.

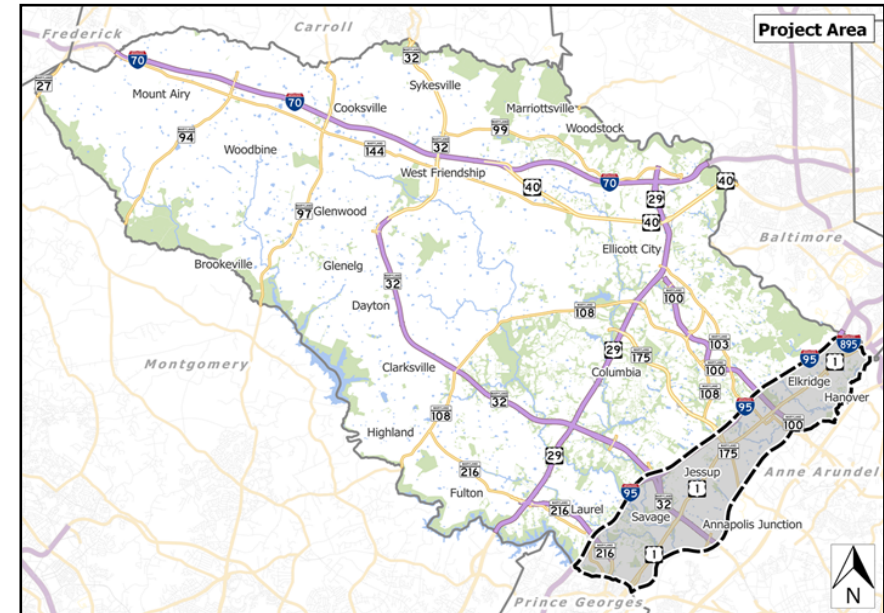
Project Schedule

- FY21 - Continue implementation of US1 Safety Evaluation Projects
- FY22 - Completion of project design currently underway.
- FY23 - Financial closeout

Operating Budget Impact

Annual Bond Redemption \$56,250

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

No additional funds requested.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0285-FY2002 US1 CORRIDOR REVITALIZATION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,200	0	1,200	0	0	0	0	0	0	0	0	0	0	1,200
CONSTRUCTION	1,336	0	1,336	0	0	0	0	0	0	0	0	0	0	1,336
Total Expenditures	2,536	0	2,536	0	0	0	0	0	0	0	0	0	0	2,536
BONDS	1,100	0	1,100	0	0	0	0	0	0	0	0	0	0	1,100
GRANTS	826	0	826	0	0	0	0	0	0	0	0	0	0	826
OTHER SOURCES	610	0	610	0	0	0	0	0	0	0	0	0	0	610
Total Funding	2,536	0	2,536	0	0	0	0	0	0	0	0	0	0	2,536

\$0 spent and encumbered through February 2022

\$2,150,221 spent and encumbered through February 2021

Project Status

1. Engineering consultant was retained in FY09 to conduct a project planning study for a potential alignment of a section of US1 to accommodate the newly identified right-of-way and improvements. In FY10, SHA and property owners created a plan re alignment and financial obligations.
2. FY12 - Three sidewalk improvements projects constructed totaling \$494,890 utilizing HUD grant and local funds.
3. FY15 - SHA working on preliminary engineering for N Laurel Area improvements.
4. FY16 - Reduction to Grant Funds to align with grants received and spent.
5. FY17 - Property acquisition for construction of sidewalk connectivity improvements near N Laurel Rd, in the median of the southbound lane of US1.
6. FY18-FY19 - Projects to be identified in conjunction with the outcomes of the Washington Boulevard Study.
7. FY20 - Implementation of projects from the US1 Safety Evaluation.
8. FY21 & FY22 - Continued implementation of projects from the US1 Safety Evaluation
9. FY23 - Completion of current project design. Financial close out of Project.

FY 2022 Budget	2,536	0	2,536	0	0	0	0	0	0	0	0	0	2,536
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Project: C0290-FY2019 COURTHOUSE RENOVATION REPLACEMENT

Description

A project to renovate and replace the existing courthouse. The effort will be to construct a new Judicial Function Building|Parking Garage, while maintaining the existing facility. The Dorsey Building site on MD 108 will be used for the new facility.

Justification

The project will provide:

1. New judicial function building|parking garage which provides additional Court facilities short and intermediate-term requirements;
2. Single entry security checkpoint;
3. Two new civil courtrooms, with judges chambers;
4. Secure parking for judges and masters;
5. Greater functionality for lobby, jury assembly areas, waiting areas, and circulation atrium space;
6. Renovated existing functional space for court expanding requirements;
7. Site work revisions for judicial building|parking garage.

Remarks

1. All stakeholders of Circuit Court were interviewed and a complete set of program requirements were developed which identified current and future needs. Current funds to be used to maintain the existing Circuit Courthouse and P3 development process for new Courthouse.
2. Funding represents only public funding.
3. Title changed FY2018. Previous Title: Courthouse Renovation.
4. The County's financial system will allow tracking of spending related to renovation of existing Courthouse and proposed construction of new Courthouse separately within the same project.

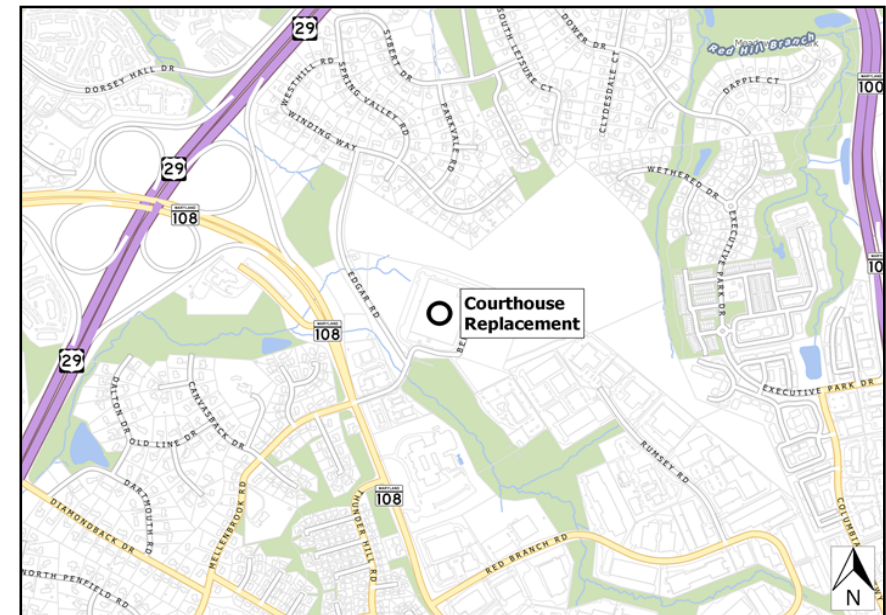
Project Schedule

FY23 - Project will be in financial close out.

Operating Budget Impact

Private financing through annual availability payment in multi-year contracts will be shown in operating budget.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0290-FY2019 COURTHOUSE RENOVATION REPLACEMENT

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	5,435	0	5,435	0	0	0	0	0	0	0	0	0	0	5,435
CONSTRUCTION	87,060	0	87,060	0	0	0	0	0	0	0	0	0	0	87,060
ADMINISTRATION	45	0	45	0	0	0	0	0	0	0	0	0	0	45
EQUIPMENT & FURNISHINGS	3,180	0	3,180	0	0	0	0	0	0	0	0	0	0	3,180
OTHER	1,760	0	1,760	0	0	0	0	0	0	0	0	0	0	1,760
Total Expenditures	97,480	0	97,480	0	0	0	0	0	0	0	0	0	0	97,480
BONDS	96,495	0	96,495	0	0	0	0	0	0	0	0	0	0	96,495
PAY AS YOU GO	985	0	985	0	0	0	0	0	0	0	0	0	0	985
Total Funding	97,480	0	97,480	0	0	0	0	0	0	0	0	0	0	97,480

\$0 spent and encumbered through February 2022

\$16,970,795 spent and encumbered through February 2021

Project Status FY16 - Study of options for new courthouse and courthouse requirements completed.

FY17 - Continue preliminary evaluation of financial options.

FY18 - Complete Request for Qualifications and Request for Proposal.

FY19 - Award P3 (Public Private Partnership) contract, start design build process.

FY20 - Demolition of existing Dorsey building, complete design documentation and start construction.

FY21 - Complete construction. Estimated completion and occupancy Summer 2021.

FY22 - Project construction fully completed; Cafe opened, punch list and solar panel installation completed. Project began the process of financial close out.

FY 2022 Budget	97,480	0	97,480	0	0	0	0	0	0	0	0	0		97,480
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

With operations being moved to the new courthouse in FY 2022, the full amount of prior appropriation to maintain the old courthouse will not be needed and \$2.4M will be defunded.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0299-FY2005 WASTE MANAGEMENT IMPROVEMENTS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	4,326	605	4,931	225	640	0	800	0	1,665	80	50	0	0	6,726
CONSTRUCTION	27,574	4,300	31,874	5,350	1,225	500	3,700	0	10,775	4,500	300	0	0	47,449
ADMINISTRATION	855	202	1,057	161	37	15	111	0	324	135	9	0	0	1,525
EQUIPMENT & FURNISHINGS	350	175	525	0	350	0	0	0	350	0	0	350	0	1,225
Total Expenditures	33,105	5,282	38,387	5,736	2,252	515	4,611	0	13,114	4,715	359	350	0	56,925
BONDS	5,269	0	5,269	0	0	0	0	0	0	0	0	0	0	5,269
OTHER SOURCES	27,636	5,282	32,918	5,736	2,252	515	4,611	0	13,114	4,715	359	350	0	51,456
PAY AS YOU GO	200	0	200	0	0	0	0	0	0	0	0	0	0	200
Total Funding	33,105	5,282	38,387	5,736	2,252	515	4,611	0	13,114	4,715	359	350	0	56,925

\$0 spent and encumbered through February 2022

\$25,999,891 spent and encumbered through February 2021

Project Status FY13-Complete gas to energy system, leachate improvements & LFG capture improvements. Design & begin construction of full scale composting facility. Improve video surveyance. Design office space, gas collection & route truck access improvements. FY14-Complete trailer storage area & groundwater expansion, entrance road improvements, transfer station noise reduction equipment pole barn. Design leachate collection improvements & additional gas capture & continue full scale compost design. FY15-Complete blower 1 replacement, access road construction, compost facility design & construction groundwater system expansion, Construct residential recycling shelters, & maintenance shop yard improvements. FY16-Complete maintenance shop yard improvements, resurface residents` area, design gas capture improvements, replace leachate power back-up. FY17-Construct gas capture improvement, construct next phase of expanded compost facility, design groundwater upgrades. FY18-Construct Phase 2A compost facility, upgrade groundwater recovery at Alpha Ridge & Carrs Mill Landfills, transfer station repair. FY19-Finish FY18 construction, material shelters, design Compost 2B. FY20-Finish shelter construction, scale system upgrades, leachate refurbish, gas valve replacements. FY21-Construct Compost 2B, ARL groundwater rehab, design compost processing building and closed cell regrade, start building construction. FY22-Design new scalehouse, transfer station expansion, rehab leachate system, finish process building, start scalehouse construction.

FY 2022 Budget	33,105	5,297	38,402	4,455	940	515	4,611	350	10,871	4,200	359	0		53,832
Difference 2022 / 2023	0	(15)	(15)	1,281	1,312	0	0	(350)	2,243	515	0	350	0	3,093

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0301-FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES

Description

This project covers security, infrastructure hardware and network upgrades, as well as life-cycle replacement. This includes the engineering assessment & analysis to ensure our computing environment meets the long term county objectives. The project also covers required disaster recovery, secure primary and secondary data centers, video conferencing equipment, and security cameras for the County as well as public WiFi.

Justification

A secure stable environment is required to support County-wide applications. We will ensure adequate bandwidth, storage, and computing capacity to align with changing needs. We provide redundancy for key applications such as Public Safety. The data centers will be continuously upgraded and modernized to make sure we stay current with industry trends.

Remarks

This is a systemic IT project that supports the County's goal to maintain a secure and stable computing environment. IT covers security, infrastructure hardware and network capacity expansions, as well as life-cycle replacement. This project also covers our data centers, system recovery, video conferencing and support, security cameras, and public Wi-Fi.

This project covers necessary upgrades to the network, replacements of end of life switch gear County wide, and supports departments as they shift their equipment into the County data center (as appropriate). A new County Website has been launched, we continue to work on the new Council website, the CAD|RMS project is expected to be completed by the end of FY22, and we continue to make network infrastructure upgrades throughout the County as needed.

Project Schedule

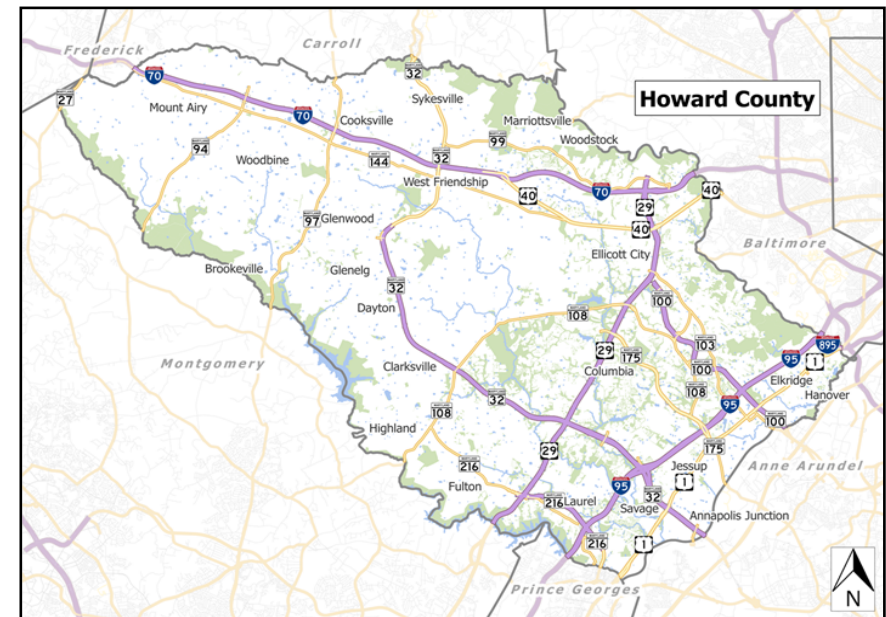
FY22 – We are continuing to upgrade and enhance technology based upon the need for remote work, finalize public safety system upgrades, and replace end of life equipment| software.

FY23 – Similar to FY22, we plan to make further enhancements to our infrastructure related to remote work and virtual needs. We will also make upgrades to our security environment by replacing key end of life equipment and implementing additional software protections.

Operating Budget Impact

Equipment refresh should have negligible impact on the operating budget. However, as demand for computing increases, the expansion will result in an increase in on-going operating expenses. Current estimate is \$200-\$500K.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0301-FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	12,870	1,000	13,870	1,700	1,700	1,700	1,700	1,700	8,500	0	0	0	0	22,370
CONSTRUCTION	11,931	0	11,931	0	0	0	0	0	0	0	0	0	0	11,931
ADMINISTRATION	265	0	265	0	0	0	0	0	0	0	0	0	0	265
EQUIPMENT & FURNISHINGS	3,780	0	3,780	0	0	0	0	0	0	0	0	0	0	3,780
Total Expenditures	28,846	1,000	29,846	1,700	1,700	1,700	1,700	1,700	8,500	0	0	0	0	38,346
BONDS	27,961	1,000	28,961	1,700	1,700	1,700	1,700	1,700	8,500	0	0	0	0	37,461
PAY AS YOU GO	885	0	885	0	0	0	0	0	0	0	0	0	0	885
Total Funding	28,846	1,000	29,846	1,700	1,700	1,700	1,700	1,700	8,500	0	0	0	0	38,346

\$0 spent and encumbered through February 2022

\$23,581,093 spent and encumbered through February 2021

Project Status

FY22 – Funds requested in FY22 are being used to finalize the new County website, complete work on the CAD|RMS project and replace end of life equipment that is no longer supported.

FY23 – In addition to the remarks made above for this project, we will continue to make improvements to technology and the network based on the need for remote work|virtual service and replace end of life equipment that is no longer supported. We will also use the funding to further enhance the County’s security program.

FY 2022 Budget	28,846	1,800	30,646	1,800	1,800	1,800	1,800	0	7,200	0	0	0	37,846
Difference 2022 / 2023	0	(800)	(800)	(100)	(100)	(100)	(100)	1,700	1,300	0	0	0	500

FY23 estimate (made during FY22 budget) was \$1,800,000

FY23 actual request being made is \$1,000,000

Project: C0311-FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS

Description

Enhancement to 800 MHz Motorola Astro P-25 trunking radio system for Public Safety and general government. With ongoing efforts to identify poor coverage areas and maintenance of core radio network.

Justification

Routers, servers and software replacement is needed to support Public Safety and interoperability radio communications.

Remarks

1. Fire station VHF paging system refresh, EOC (RACES) antennas replacement, backup portable radio Vertex battery replacement
2. All work to be done in one year
3. OTHER revenue represents Fire Tax Funding

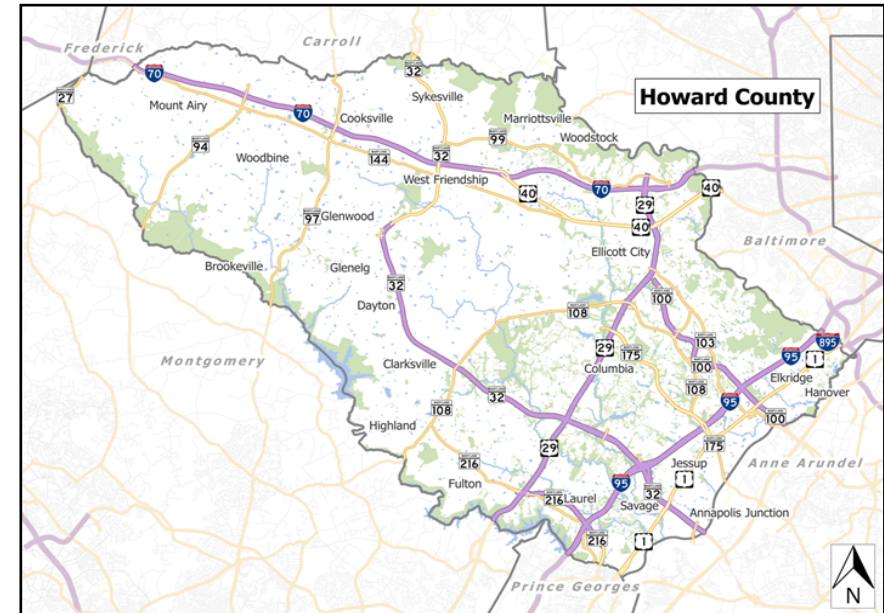
Project Schedule

FY22 - Replaced Routers, Servers and Software for 800 MHz Radio system Network Core.
 FY23 - Work noted in the Remarks section is scheduled to be completed in one year.

Operating Budget Impact

No operating impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0311-FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	31,500	370	31,870	0	0	0	0	0	0	0	0	0	0	31,870
EQUIPMENT & FURNISHINGS	1,100	230	1,330	0	0	0	0	0	0	0	0	0	0	1,330
Total Expenditures	32,600	600	33,200	0	0	0	0	0	0	0	0	0	0	33,200
BONDS	21,700	600	22,300	0	0	0	0	0	0	0	0	0	0	22,300
OTHER SOURCES	500	0	500	0	0	0	0	0	0	0	0	0	0	500
LEASE	10,400	0	10,400	0	0	0	0	0	0	0	0	0	0	10,400
Total Funding	32,600	600	33,200	0	0	0	0	0	0	0	0	0	0	33,200

\$0 spent and encumbered through February 2022

\$31,433,256 spent and encumbered through February 2021

Project Status

FY22 – Replaced Routers, Servers and Software for 800 MHz Radio system Network Core.

FY23 - Fire station VHF paging system refresh, EOC (RACES) antennas replacement, and backup portable radio Vertex battery replacements are expected to be funded and completed in FY23.

FY 2022 Budget	32,600	0	32,600	0	0	0	0	0	0	0	0	0		32,600
Difference 2022 / 2023	0	600	600	0	0	0	0	0	0	0	0	0	0	600

FY23 - estimate (made in FY22) was \$0.

FY23 - actual estimate is \$600,000 due to the need to replace and refresh the fire station VHF alerting system, EOC antennas, and backup portable radio batteries.

Project: C0312-FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM

Description

The County currently is utilizing SAP ERP software solution as the system of Financial Accounting, Purchasing and Utility Water and Sewer billing.

Justification

The first three phases of SAP implementation, including Financial Accounting and Purchasing, Utility billing, and SAP Business Intelligence for Management for reporting and planning have been implemented by the County in prior fiscal years. The County continues to implement SAP functionalities to enhance the performance, efficiency and financial reporting internally. The new functionalities being implemented and planned to be implemented will require augmenting County resources with SAP consultants to provide quick resolution of issues and timely implementations. In parallel County's SAP team is constantly engaged in fixing and continuous process improvement activities that require enhancing, modifying, and developing functionalities to meet changing business and legal accounting needs.

Remarks

1. The County uses SAP as its ERP for Financial Accounting, Purchasing, Utility Water and Sewer Billing, and Fleet Management.
2. This also included funding for the County-wide Time and Attendance System, which successfully went live in FY21.
3. This project allows us to be able to upgrade, enhance, modify and develop the current and new functionalities in SAP as well the newer Fleet Management and Inventory.
4. An RFP has been issued for the Human Capital System and vendor selection is underway.
5. Planning for SAP upgrade to begin in FY22 and into FY23.

Project Schedule

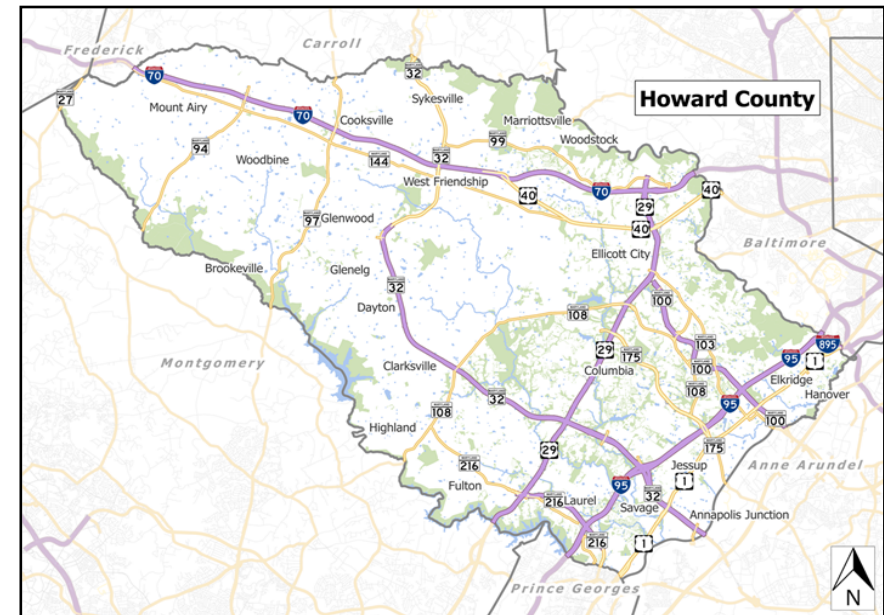
FY22 – An RFP has been issued for the Human Capital System; the project will be underway this fiscal year. Begin planning for upcoming SAP upgrade.

FY23 – Continue the implementation of the Human Capital System. Plan for the upcoming required SAP system upgrade.

Operating Budget Impact

Human Capital System maintenance costs have been added to the operating budget for future years.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0312-FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	6,900	0	6,900	0	0	0	0	0	0	0	0	0	0	6,900
CONSTRUCTION	4,190	0	4,190	0	0	0	0	0	0	0	0	0	0	4,190
ADMINISTRATION	3,900	1,000	4,900	800	800	800	800	800	4,000	0	0	0	0	8,900
EQUIPMENT & FURNISHINGS	3,300	0	3,300	0	0	0	0	0	0	0	0	0	0	3,300
Total Expenditures	18,290	1,000	19,290	800	800	800	800	800	4,000	0	0	0	0	23,290
BONDS	10,060	1,000	11,060	800	800	800	800	800	4,000	0	0	0	0	15,060
UTILITY CASH	5,530	0	5,530	0	0	0	0	0	0	0	0	0	0	5,530
PAY AS YOU GO	2,700	0	2,700	0	0	0	0	0	0	0	0	0	0	2,700
Total Funding	18,290	1,000	19,290	800	800	800	800	800	4,000	0	0	0	0	23,290

\$0 spent and encumbered through February 2022

\$15,544,680 spent and encumbered through February 2021

Project Status

FY22 – Select a vendor for the Human Capital System and begin implementation. Plan for the SAP system upgrade.

FY23 – Implement and schedule a go live plan for the Human Capital System. Continue planning for the SAP upgrade.

FY 2022 Budget	18,290	600	18,890	600	600	600	600	0	2,400	0	0	0		21,290
Difference 2022 / 2023	0	400	400	200	200	200	200	800	1,600	0	0	0	0	2,000

Estimate of FY23 request was \$600,000. We are requesting \$1,000,000 in FY23.

Project: C0313-FY2008 ENVIRONMENTAL COMPLIANCE CONSTRUCTION

Description

A project to support environmental compliance activities for County Facilities. Work may include the study, planning, design and construction of environmental protection and remediation measures.

Justification

Plans and improvements to comply with Federal|State regulations.

Remarks

Project Schedule

FY23 - Construction: Install stormwater treatment systems at Dayton and Mayfield vehicle maintenance shops. Remove USTs and ASTs and remediate contamination as necessary. Install wash pads at two park shops. Install canopies at three vehicle maintenance shop wash pads. Design canopies at three vehicle maintenance shop wash pads..

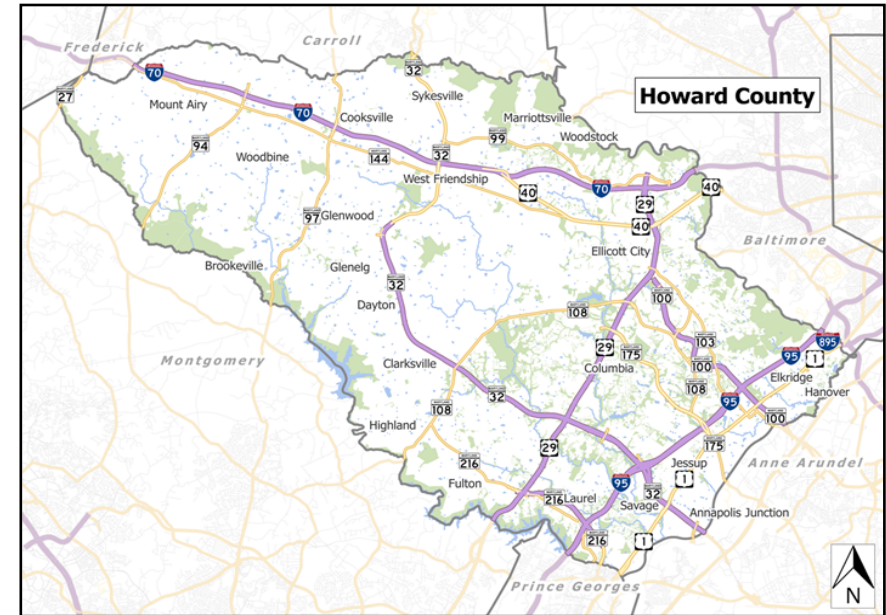
FY24-FY32 - Design: Design remediation as necessary.

Construction: Remove USTs and ASTs and remediate contamination as necessary.

Operating Budget Impact

Vehicle wash pads require semi-annual service which costs \$10,000 per site, which is \$70,000 per year for the seven sites.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0313-FY2008 ENVIRONMENTAL COMPLIANCE CONSTRUCTION

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	2,529	0	2,529	15	15	15	15	15	75	15	15	15	15	2,664
CONSTRUCTION	10,272	0	10,272	450	150	150	150	150	1,050	150	150	150	150	11,922
ADMINISTRATION	263	0	263	14	5	5	5	5	34	5	5	5	5	317
Total Expenditures	13,064	0	13,064	479	170	170	170	170	1,159	170	170	170	170	14,903
BONDS	12,864	0	12,864	479	170	170	170	170	1,159	170	170	170	170	14,703
PAY AS YOU GO	200	0	200	0	0	0	0	0	0	0	0	0	0	200
Total Funding	13,064	0	13,064	479	170	170	170	170	1,159	170	170	170	170	14,903

\$0 spent and encumbered through February 2022

\$11,224,865 spent and encumbered through February 2021

Project Status Design: Completed Regulatory Compliance Guide, Prepared SPCC plans for all required facilities. Prepared and updated SWPPPs at required facilities. Conducted environmental compliance assessments of twelve facilities. Staff updated annually on SPCC plans, SWPPPs, and handling hazardous wastes. Prepared County-wide Hazard Communication Policy. GIS inventory and database ongoing. Set up hazardous waste collection program for Howard County sites. Monitored stormwater. Updated SPCC Plan and SWPPPs for all required facilities.

Construction: Design and installation of vehicle wash pads and rainwater harvesting systems at seven fire stations complete and four park shops ongoing. 24 USTs removed. Removal of leaking underground hydraulic lifts and contaminated soil completed at six sites. Oil|water separator replacement completed at 8 sites. Underground waste water storage tanks for truck wash pads and oil|water separators designed and installed at two sites. Truck wash pad and trench drain replacement complete at Alpha Ridge Maintenance Shop. Stormwater protection system installed at Cooksville fueling site.

FY 2022 Budget	13,064	170	13,234	170	170	170	170	170	850	170	170	170		14,594
Difference 2022 / 2023	0	(170)	(170)	309	0	0	0	0	309	0	0	0	170	309

Program costs are mandated by Federal and State regulations and include more current program cost estimates.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0315-FY2009 PUBLIC SAFETY SYSTEM ENHANCEMENTS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	350	0	350	0	0	0	0	0	0	0	0	0	0	350
CONSTRUCTION	1,250	0	1,250	0	0	0	0	0	0	0	0	0	0	1,250
ADMINISTRATION	1,075	0	1,075	0	0	0	0	0	0	0	0	0	0	1,075
EQUIPMENT & FURNISHINGS	7,722	750	8,472	600	600	600	600	600	3,000	0	0	0	0	11,472
Total Expenditures	10,397	750	11,147	600	600	600	600	600	3,000	0	0	0	0	14,147
BONDS	9,447	750	10,197	600	600	600	600	600	3,000	0	0	0	0	13,197
OTHER SOURCES	950	0	950	0	0	0	0	0	0	0	0	0	0	950
Total Funding	10,397	750	11,147	600	600	600	600	600	3,000	0	0	0	0	14,147

\$0 spent and encumbered through February 2022

\$8,533,371 spent and encumbered through February 2021

Project Status

FY21 – Police Records Management and field reporting have been upgraded

FY22 – We continue Public Safety System upgrades, including CAD. We are replacing the switches at Police Stations and the Department of Corrections that have come to end of life. Start the Special Event Permitting System's payment adapter project

FY23 - Mobile Data Computers will be replaced|refreshed

FY 2022 Budget	10,397	700	11,097	700	700	700	700	0	2,800	0	0	0		13,897
Difference 2022 / 2023	0	50	50	(100)	(100)	(100)	(100)	600	200	0	0	0	0	250

FY23 estimate (made during FY22 budget cycle) was \$700,000.

Actual FY23 request is \$750,000.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0317-FY2013 SYSTEMIC FACILITY IMPROVEMENTS

Description

A project to improve or upgrade the physical plant of public buildings, their equipment and systems, to replace plants and systems which have deteriorated beyond routine maintenance or provide for system management initiatives. The finish out and furnishing of space leased for various county operations is being performed under this project.

Justification

Building systems that exceeded their useful life, are inefficient or have deteriorated beyond maintenance standards. Upgrades, replacement or renovations are necessary to allow Facilities to maintain its' support function.

Remarks

1. Upgrade and improve building infrastructures to meet current facility standards and requirements; to meet changed, expanded and complex missions.
2. Construct, lease or existing office space for staff reconfiguration.
3. Renovations to Long Reach Village Center including Roving Radish and Head Start.

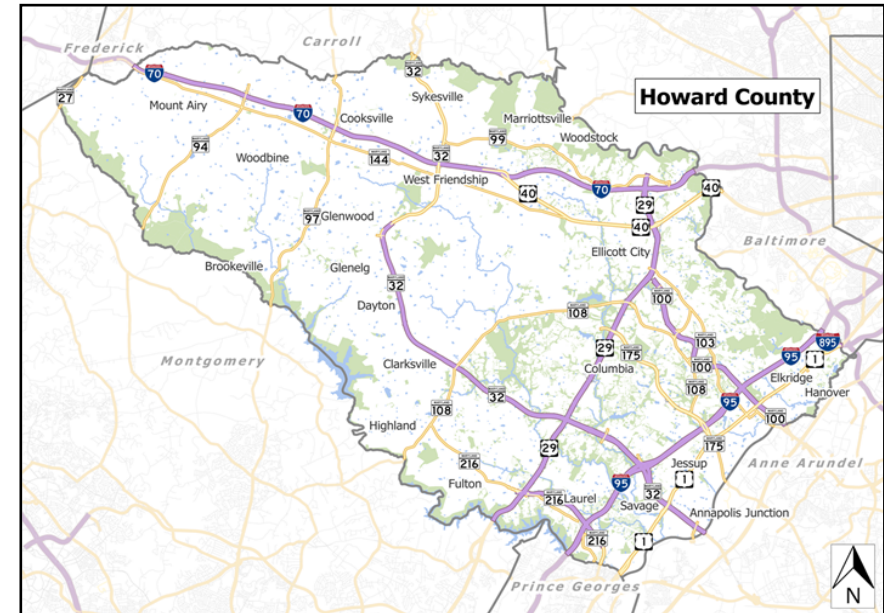
Project Schedule

FY23 - Project will be closed out.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0317-FY2013 SYSTEMIC FACILITY IMPROVEMENTS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	6,003	0	6,003	0	0	0	0	0	0	0	0	0	0	6,003
CONSTRUCTION	60,771	0	60,771	0	0	0	0	0	0	0	0	0	0	60,771
ADMINISTRATION	1,300	0	1,300	0	0	0	0	0	0	0	0	0	0	1,300
EQUIPMENT & FURNISHINGS	20,627	0	20,627	0	0	0	0	0	0	0	0	0	0	20,627
Total Expenditures	88,701	0	88,701	0	0	0	0	0	0	0	0	0	0	88,701
BONDS	70,637	0	70,637	0	0	0	0	0	0	0	0	0	0	70,637
OTHER SOURCES	64	0	64	0	0	0	0	0	0	0	0	0	0	64
PAY AS YOU GO	3,000	0	3,000	0	0	0	0	0	0	0	0	0	0	3,000
LEASE	15,000	0	15,000	0	0	0	0	0	0	0	0	0	0	15,000
Total Funding	88,701	0	88,701	0	0	0	0	0	0	0	0	0	0	88,701

\$0 spent and encumbered through February 2022

\$86,614,866 spent and encumbered through February 2021

Project Status FY17 design and renovation of various County projects.

FY18 - Design and Construction - Leased space renovations for Dorsey staff, deferred maintenance, Howard Bldg. renovations, leased space renovations for Gateway staff, leased space renovations for CAC and Board of Elections, and unplanned renovations and relocations. Expenditures for new school maintenance site renovation until new FY18 capital project is effective.

FY19 - Design and Construction - deferred maintenance, leased space renovations for Dorsey staff, relocated Data Center from Dorsey Building, unplanned renovations and relocation, annual roof repairs. constructed Western Regional Park Sewage Treatment Plant.

FY20 - Design and Construction - deferred maintenance and unplanned renovations and relocation, leased space renovations for Police Administrative staff.

FY21 - Unplanned repairs, renovations and deferred maintenance including new roofs at Long Reach Village Center and East Columbia Library, Glenwood Community Center RTU replacement, and Long Reach Village Center Renovations.

FY22 - Completed spend down of deferred Facilities maintenance projects, including replacement of roof at Waverly Mansion. Completed systemic repairs at Long Reach Village Center. Constructed new all-gender toilet with adult changing table at Gary J. Arthur Community Center.

FY 2022 Budget	88,701	0	88,701	0	0	0	0	0	0	0	0	0		88,701
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0319-FY2010 TAX INCREMENT FINANCING PROJECTS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	90,000	0	90,000	0	0	0	0	0	0	0	0	0	0	90,000
Total Expenditures	90,000	0	90,000	0	0	0	0	0	0	0	0	0	0	90,000
TIF BONDS	90,000	0	90,000	0	0	0	0	0	0	0	0	0	0	90,000
Total Funding	90,000	0	90,000	0	0	0	0	0	0	0	0	0	0	90,000

\$0 spent and encumbered through February 2022

\$46,036,117 spent and encumbered through February 2021

Project Status \$48,225,000 in special obligation bonds were issued for the Downtown Columbia TIF in October 2017.

FY 2022 Budget	90,000	0	90,000	0	0	0	0	0	0	0	0	0		90,000
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: C0322-FY2012 CENTRAL FLEET SYSTEMIC IMPROVEMENTS and FUEL SYSTEM

Description

This is a project to fund improvements to the County's fuel storage, dispensing and monitoring systems, and to improve or upgrade the physical plant of Fleet Equipment.

Justification

These improvements to the County's fuel storage, dispensing and monitoring systems are needed to meet the Maryland Department of Environment (MDE) Code of Maryland Regulations (COMAR) 26.10.03.10A, including installing new above ground fuel storage systems to replace underground units, and technology upgrades to automate the collection and reporting of fuel data to increase the County's ability to manage fuel accountability.

Remarks

1. Upgrade, replace and improve fuel storage, dispensing and monitoring systems and fleet equipment infrastructures to meet current laws, regulations, standards and requirements; to meet changed, expanded and complex missions; to extend equipment life expectancy; to improve efficiency, effectiveness and life safety; and for environmental and safety corrections.
2. OTHER revenue represents central fleet funding.
3. Utility funding utilized revenue where applicable.

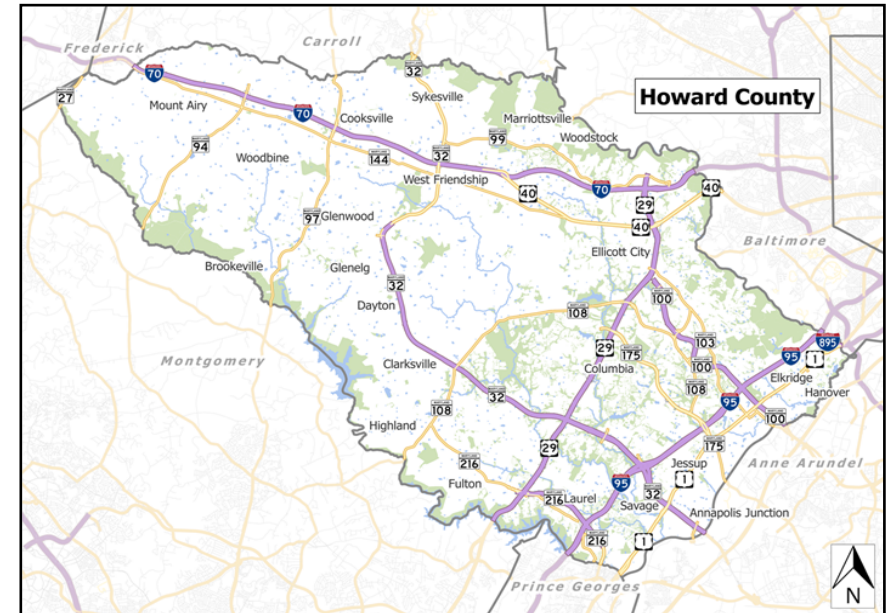
Project Schedule

- FY23 - Construct Banneker Fuel Island, design for Cooksville Shop & Bureau of Utilities Fuel Stations.
- FY24 - Construct Cooksville Shop Fuel Station.
- FY25 - Construct Bureau of Utilities Fuel Station
- FY27 - Project Close after construction of Guilford Road Fuel Station.

Operating Budget Impact

No Change

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Projects have been deferred due to budget constraints. Budgets have been escalated due to schedule deferments and recent bid results.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0322-FY2012 CENTRAL FLEET SYSTEMIC IMPROVEMENTS and FUEL SYSTEM

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	497	0	497	0	0	0	0	0	0	0	0	0	0	497
CONSTRUCTION	5,344	1,800	7,144	1,000	1,000	100	1,880	0	3,980	0	0	0	0	11,124
Total Expenditures	5,841	1,800	7,641	1,000	1,000	100	1,880	0	3,980	0	0	0	0	11,621
BONDS	5,121	1,010	6,131	1,000	1,000	100	1,880	0	3,980	0	0	0	0	10,111
METRO DISTRICT BOND	120	790	910	0	0	0	0	0	0	0	0	0	0	910
OTHER SOURCES	600	0	600	0	0	0	0	0	0	0	0	0	0	600
Total Funding	5,841	1,800	7,641	1,000	1,000	100	1,880	0	3,980	0	0	0	0	11,621

\$0 spent and encumbered through February 2022

\$4,420,614 spent and encumbered through February 2021

Project Status FY17 - Corridor Road and Safety Complex Fuel Stations are in design.

FY18-FY19 - Construction of Safety Complex Fuel Stations.

FY19 - Design Guilford Road Fuel Station.

FY20 - Construction of Scaggsville Fuel Station.

FY21 - Design fuel station for Fire Station 7, conceptual design Cooksville Shop

FY22 - Completed design for Fire Station 7. Constructed Dayton site.

FY 2022 Budget	5,841	1,550	7,391	1,200	800	800	500	0	3,300	0	0	0		10,691
Difference 2022 / 2023	0	250	250	(200)	200	(700)	1,380	0	680	0	0	0	0	930

Out year budget reflects the addition of replacing the fuel tanks at Bureau of Utilities and Fire Station 7.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0324-FY2012 GEODETIC NETWORK AUTOMATION

Description

A project to purchase survey global positioning system (GPS) and digital survey equipment. To allow the County to take full advantage of the federal and international network of 120 satellites. To maintain the existing County Geodetic Control Network for incident and small-scale mapping. To provide computer management and related support services, asset management and usage updates relating to GPS equipment and ever-changing technology in Survey data collection utilizing field captured photogrammetric data.

Justification

Existing County GPS receiving equipment is aging and cannot utilize the existing nor proposed full GPS network. This equipment is used to maintain the Howard County Geodetic Network of 1,200 monuments. This precise network of horizontal and vertical positioning loses 20% +/- of its monumentation each year. The equipment and this network are used in every water, sewer, storm drain, park, building, site related capital project County wide and mapping for any general or homeland defense incidents. The network is also used by FEMA in the determination of flood insurance credits for residence by Howard County. The Federal Government is changing the definition of the geodetic network in or about 2025.

Remarks

1. The County presently must maintain 1,200 Geodetic Control Network Monuments (Horizontal and Vertical). 20% must be re-established each year.
2. To purchase equipment to allow the Department of Public Works to be able to have incident and small-scale mapping capabilities.
3. Upgrade GPS equipment to be used with the national re-adjustment of the North American datum in 2022 (postponed by NGS to 2024 or 2025).
4. The Geodetic Network is used by private firms to adhere to developmental policy.
5. The Survey division of DPW is receiving ever increasing requests from other supporting County divisions and Agencies for its use and services utilizing Unmanned Aircraft System (UAS) and LDAR Scanning capabilities.

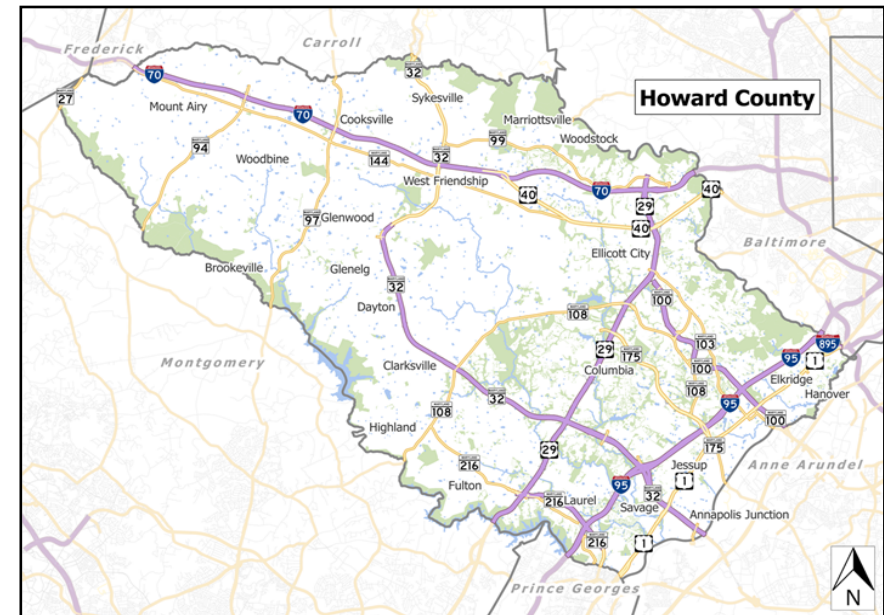
Project Schedule

- FY23 - Purchase second Unmanned Aircraft System (UAS) with GPS capability and conformance to new FAA ID standard taking effect in that timeframe.
FY24 - Replace existing County conventional Survey robotic Total Station and upgraded associated field and office software.
FY25 - Replace existing County GPS field equipment and associated field and office software for compatibility with Federal rollout of National datum changes.

Operating Budget Impact

No impact for five (5) years as maintenance, software and training updates provided under initial purchase.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

None.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0324-FY2012 GEODETIC NETWORK AUTOMATION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
ADMINISTRATION	65	25	90	0	0	0	0	0	0	0	0	0	0	90
EQUIPMENT & FURNISHINGS	390	60	450	40	0	0	0	0	40	0	0	0	0	490
Total Expenditures	455	85	540	40	0	0	0	0	40	0	0	0	0	580
BONDS	165	60	225	0	0	0	0	0	0	0	0	0	0	225
PAY AS YOU GO	290	25	315	40	0	0	0	0	40	0	0	0	0	355
Total Funding	455	85	540	40	0	0	0	0	40	0	0	0	0	580

\$0 spent and encumbered through February 2022

\$299,491 spent and encumbered through February 2021

Project Status FY15 - Purchased HDS scanner, software and updates.

FY16 - Purchased UAV equipment, software and updates and HDS scanner, software and updates.

FY18 - Purchased BLK360 scanner.

FY19 - Purchased mapping and point cloud software.

FY20 - Purchased fixed height tripods for GPS networking, networking software for Windows 10 upgrade, and additional high memory computer.

FY21 - Scanner calibrations. Purchased longer lasting battery supplies and accessories for drones and scanner; new scanning software for existing two units due to discontinuation of the old by vendor.

FY22 - Replaced GPS RTK base station and antenna at County Dayton facility. Purchased replacement digital leveling accessory foot plates. Proposed purchase of two high capacity computers or laptops for the processing and handling of point cloud generated data collection, and replace field crew tablets.

FY 2022 Budget	455	85	540	0	0	0	0	0	0	0	0	0		540
Difference 2022 / 2023	0	0	0	40	0	0	0	0	40	0	0	0	0	40

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0329-FY2012 ENERGY MANAGEMENT/IMPROVEMENTS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	425	0	425	0	0	0	0	0	0	0	0	0	0	425
CONSTRUCTION	950	762	1,712	0	0	200	400	0	600	0	0	0	0	2,312
Total Expenditures	1,375	762	2,137	0	0	200	400	0	600	0	0	0	0	2,737
BONDS	650	302	952	0	0	200	400	0	600	0	0	0	0	1,552
GRANTS	75	345	420	0	0	0	0	0	0	0	0	0	0	420
OTHER SOURCES	0	115	115	0	0	0	0	0	0	0	0	0	0	115
PAY AS YOU GO	650	0	650	0	0	0	0	0	0	0	0	0	0	650
Total Funding	1,375	762	2,137	0	0	200	400	0	600	0	0	0	0	2,737

\$0 spent and encumbered through February 2022

\$970,430 spent and encumbered through February 2021

Project Status FY19 - Establish a Utility Bill Management system. Extend Building Automation System (BAS) to additional facilities.

FY20 – Study feasibility of solar panels at County facilities. Competitive bid for Phase 1 solar panels. Apply for MEA Grants to improve building energy efficiency and add solar panels at existing facilities.

FY21 - Solar PPA selected sites being determined; retro-commissioning at numerous sites completed.

FY22 - Continued retro-commissioning. EV charging stations for fleet vehicles.

FY 2022 Budget	1,375	500	1,875	0	0	200	400	0	600	0	0	0		2,475
Difference 2022 / 2023	0	262	262	0	0	0	0	0	0	0	0	0	0	262

Project: C0332-FY2014 BUS STOP IMPROVEMENTS

Description

A project to implement a series of systemic improvements to the Regional Transportation Agency (RTA) bus stops, as well as bus stops associated with the proposed extension of the Montgomery County FLASH service north to Howard County. These investments will help facilitate connections between the RTA and more regionally focused service to adjacent counties. These improvements may include the installation and refurbishment of bus shelters, concrete pads, bus stop signs, connecting sidewalks, curb cuts (consistent with ADA requirements), crosswalks, route map holders, trashcans and other improvements. The Office of Transportation, in conjunction with the Departments of Planning and Zoning and Public Works, will determine the location and extent of these improvements.

Justification

The Central Maryland Transit Development Plan and field survey of the RTA bus stops for the Pedestrian Master Plan indicates that these improvements are needed for passenger access, safety, and comfort as well as to conform with ADA guidelines. The proposed improvements also seek to increase ridership on the local system by making stops more accessible and convenient. Flash system bus stop improvements will facilitate passenger safety, convenience and operating efficiency.

Remarks

1. Installation of these improvements will comply with the Americans with Disabilities Act (ADA) regulations.
2. Apply and utilize state capital improvement grant funds for this project through FY2025.

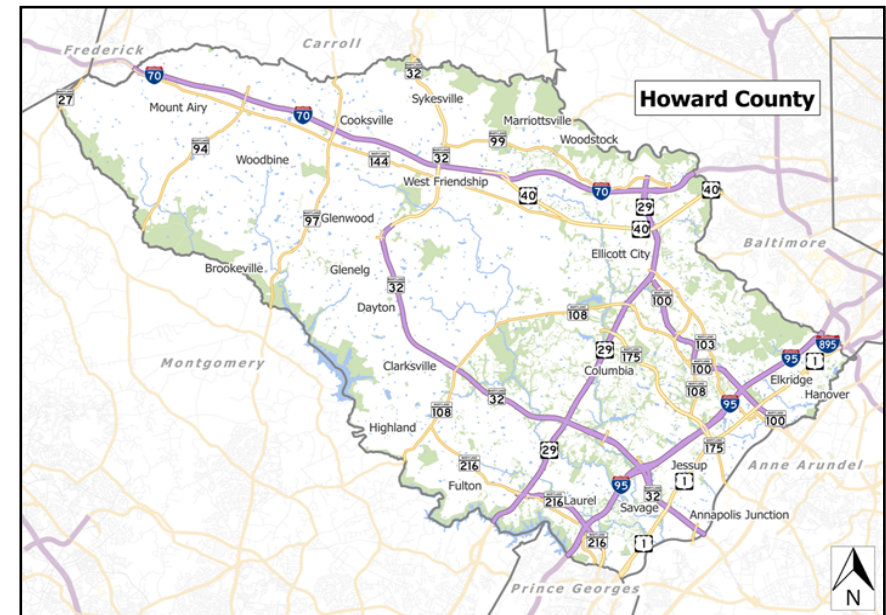
Project Schedule

Ongoing program - Construction and Rehabilitation of bus stops|shelters.

Operating Budget Impact

None

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Reduction in PAYGO due to Statewide Transit innovative Grant (STIG).

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0332-FY2014 BUS STOP IMPROVEMENTS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	105	25	130	0	0	0	0	0	0	0	0	0	0	130
LAND ACQUISITION	85	25	110	0	0	0	0	0	0	0	0	0	0	110
CONSTRUCTION	1,320	500	1,820	50	50	50	50	50	250	0	0	0	0	2,070
Total Expenditures	1,510	550	2,060	50	50	50	50	50	250	0	0	0	0	2,310
BONDS	240	0	240	0	0	0	0	0	0	0	0	0	0	240
GRANTS	450	400	850	0	0	0	0	0	0	0	0	0	0	850
PAY AS YOU GO	820	150	970	50	50	50	50	50	250	0	0	0	0	1,220
Total Funding	1,510	550	2,060	50	50	50	50	50	250	0	0	0	0	2,310

\$0 spent and encumbered through February 2022

\$993,505 spent and encumbered through February 2021

Project Status Identification of locations and construction of bus stop improvements. Construction and Rehabilitation of bus stops. Approximately 25-30 projects under design & construction FY2022 and FY2023. Improvements will add 14 shelters, 26 ADA pads, 5-10 sidewalk connections in addition to digital message boards at the Columbia mall transit hub.

FY 2022 Budget	1,510	75	1,585	75	50	50	0	0	175	0	0	0		1,760
Difference 2022 / 2023	0	475	475	(25)	0	0	50	50	75	0	0	0	0	550

Received grant budget for Statewide Transit Innovative Grant (STIG) as part of state capital improvement projects.

Project: C0333-FY2015 DETENTION CENTER RENOVATIONS

Description

The Department of Corrections currently is facing severe challenges and regulatory mandates that must be resolved through various renovations until a new facility can be constructed. Given the extent of renovations with continued maintenance the building life can be extended 20 years.

Justification

1. The building is being improved methodically to be functional and meet national standards and codes. The Center's existing Control Center components and locking systems are antiquated relative to today's security requirements and are in need of life cycle replacement.
2. Additionally, the existing Administrative area does not provide adequate space for the Center.

Remarks

The facility has a critical need to update its infrastructure, including building systems, building envelope, and to meet current construction and correctional facility codes. Some improvements were a result of unanticipated repairs and upgrades completed by the Facilities Operation & Maintenance Division.

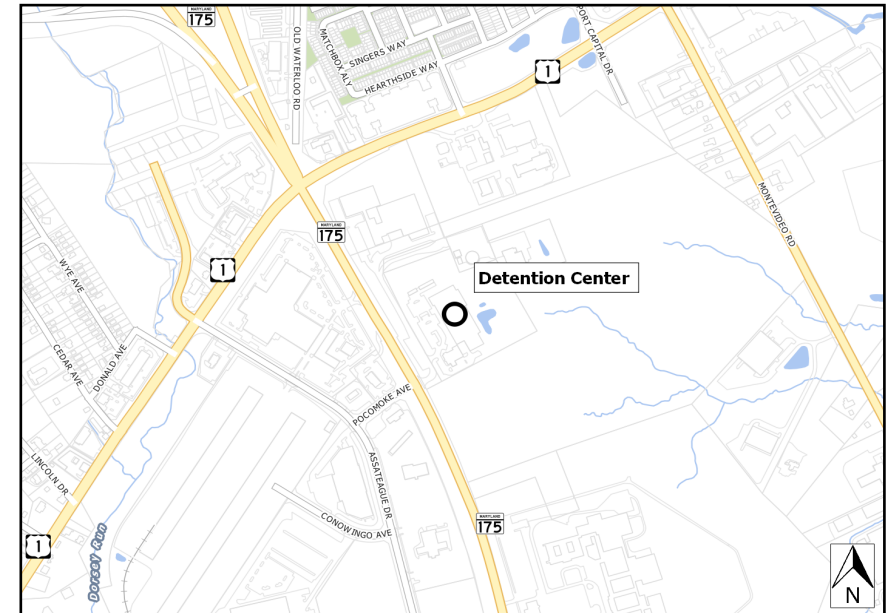
Project Schedule

- FY23 - Window replacement phase 2, Booking Center modifications, exterior wall refacing, new entrance canopies, design for new Mental Health unit.
- FY24 - Renovate existing housing unit to create Mental Health unit, continued HVAC improvements, deferred maintenance.

Operating Budget Impact

Bureau of Facilities sees no additional impact in FY23.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0333-FY2015 DETENTION CENTER RENOVATIONS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,471	500	1,971	125	0	0	0	0	125	0	0	0	0	2,096
CONSTRUCTION	12,336	3,230	15,566	2,850	850	850	1,020	0	5,570	0	0	0	0	21,136
ADMINISTRATION	40	20	60	0	0	0	0	0	0	0	0	0	0	60
EQUIPMENT & FURNISHINGS	904	0	904	0	0	0	0	0	0	0	0	0	0	904
Total Expenditures	14,751	3,750	18,501	2,975	850	850	1,020	0	5,695	0	0	0	0	24,196
BONDS	13,751	3,750	17,501	2,975	850	850	1,020	0	5,695	0	0	0	0	23,196
PAY AS YOU GO	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
Total Funding	14,751	3,750	18,501	2,975	850	850	1,020	0	5,695	0	0	0	0	24,196

\$0 spent and encumbered through February 2022

\$12,225,696 spent and encumbered through February 2021

Project Status Schematic design of new Detention Center and work release on hold. Design and construction of repairs and improvements continues as required at existing facility to maintain operations.

FY21 - CCTV upgrades, door control upgrades, medical suite upgrades, roof replacement and Phase 1 window replacement.

FY22 - Completed medical suite and Phase 1 window replacement. Completed modular building. Began design for fire alarm|sprinkler replacements and programming for Mental Health unit. Continued with other systemic needs, including plumbing system repairs.

FY 2022 Budget	14,751	3,750	18,501	850	850	850	1,020	0	3,570	0	0	0		22,071
Difference 2022 / 2023	0	0	0	2,125	0	0	0	0	2,125	0	0	0	0	2,125

Project cost increase reflects construction cost escalation.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0334-FY2014 EMERGENCY ALTERNATIVE POWER

Description

Relative to County facilities, implement a program to ensure continuity of operations in County facilities for purposes relative to essential functions during various emergency scenarios and make the necessary hardware modifications. Project changes may be undertaken based on lessons learned in actual or exercise scenarios.

Justification

Analyses of the County's ability to continue essential functions and deliver needed emergency services during major weather events has indicated the need for more emergency generation and/or emergency power generation connection capabilities for County facilities.

Remarks

1. GRANT represents FEMA mitigation grant awarded July 2015 and Federal and/or State funding sought to maximize County funding.
2. Construction will be phased.

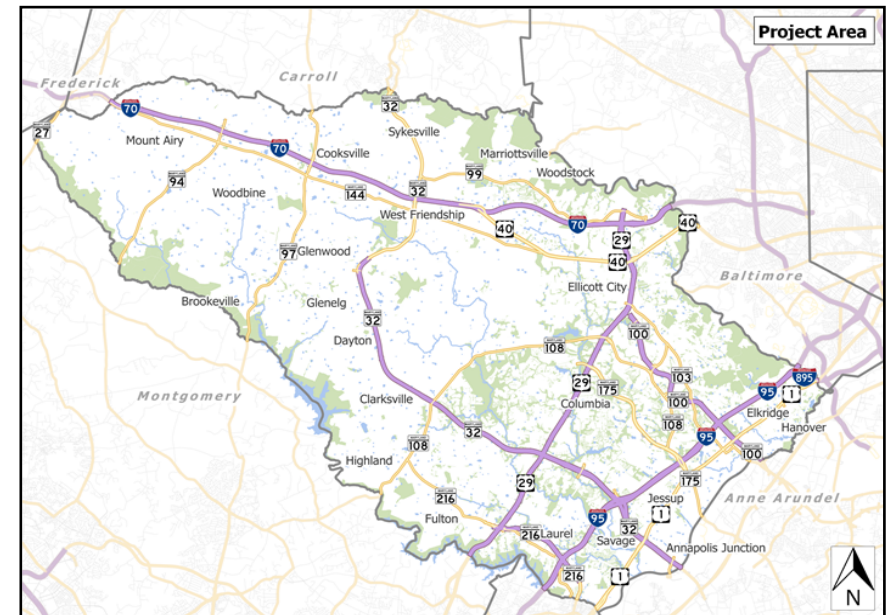
Project Schedule

FY23 - Project closeout.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0334-FY2014 EMERGENCY ALTERNATIVE POWER

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	300	0	300	0	0	0	0	0	0	0	0	0	0	300
CONSTRUCTION	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
Total Expenditures	1,300	0	1,300	0	0	0	0	0	0	0	0	0	0	1,300
BONDS	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
GRANTS	300	0	300	0	0	0	0	0	0	0	0	0	0	300
Total Funding	1,300	0	1,300	0	0	0	0	0	0	0	0	0	0	1,300

\$0 spent and encumbered through February 2022

\$1,128,955 spent and encumbered through February 2021

Project Status Installations complete at Bureau of Utilities, Animal Control, and Station 5. Design complete for Ridge Road. FY20 request is to fund Ridge Road installation. This is a design and build project.

FY22 - Project closeout began. Generator additions, replacements and upgrades will be funded as Systemic Facility Improvements (C0365).

FY 2022 Budget	1,300	0	1,300	0	0	0	0	0	0	0	0	0		1,300
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0335-FY2014 COMMUNITY RESOURCES and SERVICES FACILITY/PROGRAM ENHANCEMENTS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	2,460	0	2,460	0	0	0	0	0	0	0	0	0	0	2,460
CONSTRUCTION	19,750	750	20,500	500	0	0	0	0	500	0	0	0	0	21,000
ADMINISTRATION	45	0	45	0	0	0	0	0	0	0	0	0	0	45
EQUIPMENT & FURNISHINGS	150	0	150	240	0	0	0	0	240	0	0	0	0	390
Total Expenditures	22,405	750	23,155	740	0	0	0	0	740	0	0	0	0	23,895
BONDS	15,850	0	15,850	740	0	0	0	0	740	0	0	0	0	16,590
GRANTS	1,000	750	1,750	0	0	0	0	0	0	0	0	0	0	1,750
PAY AS YOU GO	5,555	0	5,555	0	0	0	0	0	0	0	0	0	0	5,555
Total Funding	22,405	750	23,155	740	0	0	0	0	740	0	0	0	0	23,895

\$0 spent and encumbered through February 2022

\$5,491,017 spent and encumbered through February 2021

Project Status FY20 - Bain 50+ - Construction; East Columbia 50+ - Completed design of new 50+ Center and began construction.

FY21 - Bain 50+ Center - Construction completed; East Columbia 50+ Center - 95% design completed, site permit in process.

FY22 - East Columbia 50+ Center to begin construction late calendar year 2021. Project has been awarded.

FY 2022 Budget	22,405	2,240	24,645	0	0	0	0	0	0	0	0	0		24,645
Difference 2022 / 2023	0	(1,490)	(1,490)	740	0	0	0	0	740	0	0	0	0	(750)

The request for additional funds is due to construction cost escalation in the region, additional site construction requirements and increasing the LEED Certification goal from Silver to Gold.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0336-FY2014 LANDFILL RESOURCE MANAGEMENT

Description

A project for the design and construction of resource improvements at the Alpha Ridge Landfill and Resident's Recycling and Demonstration Center. The project will include implementing improvements to existing facilities within the landfill and Recycling Center using renewable and sustainable technologies; seek improvements at the Recycling Center in handling material recovery and reuse; and address storm water quality and watershed improvements in accordance with the latest National Pollutant Discharge Elimination System (NPDES) Industrial permit requirements.

Justification

The project will aide in meeting the NPDES and Municipal Separate Storm Sewer System (MS4) requirements at Alpha Ridge Landfill, reduce operating costs, and increase public awareness of improved storm water quality techniques and renewable|sustainable technologies.

Remarks

Projects directly related to municipal solid waste activities are funded under C-0299.

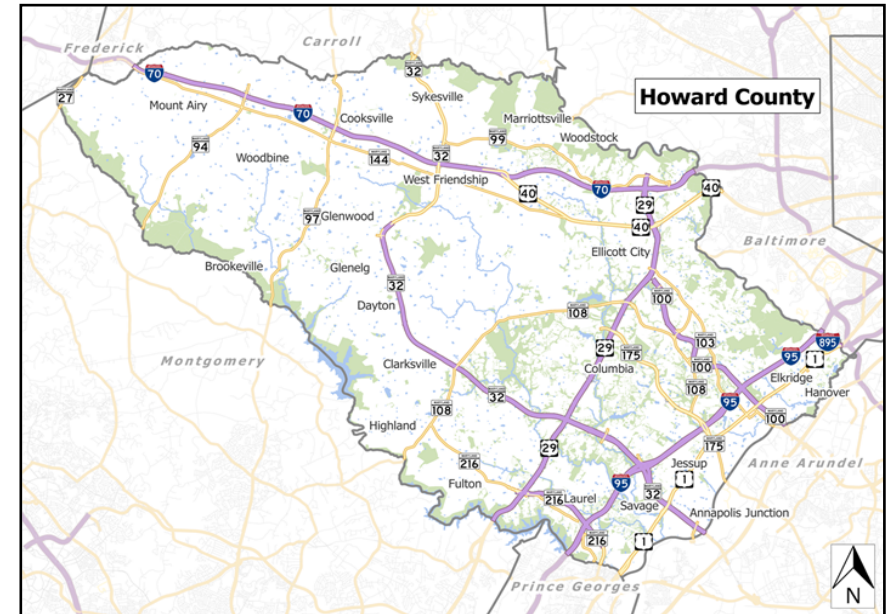
Project Schedule

FY22 - Transfer Station recoverable recyclables study.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0336-FY2014 LANDFILL RESOURCE MANAGEMENT

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	250	0	250	0	0	0	0	0	0	0	0	0	0	250
CONSTRUCTION	250	0	250	0	0	0	0	0	0	0	0	0	0	250
Total Expenditures	500	0	500	0	0	0	0	0	0	0	0	0	0	500
BONDS	400	0	400	0	0	0	0	0	0	0	0	0	0	400
PAY AS YOU GO	100	0	100	0	0	0	0	0	0	0	0	0	0	100
Total Funding	500	0	500	0	0	0	0	0	0	0	0	0	0	500

\$0 spent and encumbered through February 2022

\$199,930 spent and encumbered through February 2021

Project Status FY14 - Design stormwater technologies demonstration area. Evaluate feasibility of wind energy. Expand HHW building to reduce stormwater impact. Develop wildlife work plan and begin pursuing certification.

FY15 - Plant|construct American Elm pilot reforestation.

FY16 - Monitor aforestation.

FY17 - Monitor wildlife projects..

FY-22 Transfer Station Recyclable Recovery Study.

FY 2022 Budget	500	0	500	0	0	0	0	0	0	0	0	0		500
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: C0337-FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS

Description

This is a project to provide a variety of repairs and improvements to public infrastructure and address other community improvements and to make improvements to the downtown and historic district of the Howard County Seat. This project may include land acquisition for water quality and drainage needs and other public improvements.

Justification

Community has requested improvements to the downtown Ellicott City area for flood mitigation. The work effort will be done to implement the Safe and Sound Plan.

Remarks

1. TAO #3 - 2014 current pending legislation will add \$100,000 grant funding for Ellicott City Streetscape program.
2. Construction of some projects may be dependent on the donation of the necessary easements and-or property owner cost share participation.
3. OTHER SOURCES revenue represents homeowner contribution
4. WATER QUALITY LOANS represents Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) loan, which has a 30-year term, favorable rate and debt payment start date of 5 years after loan closing.
5. GRANT represents anticipated FEMA and State funding for Ellicott City.
6. Project implementation of the various improvements included in the Safe and Sound Plan may be adjusted depending on contract negotiations, land acquisition success and regulations|permit approvals.

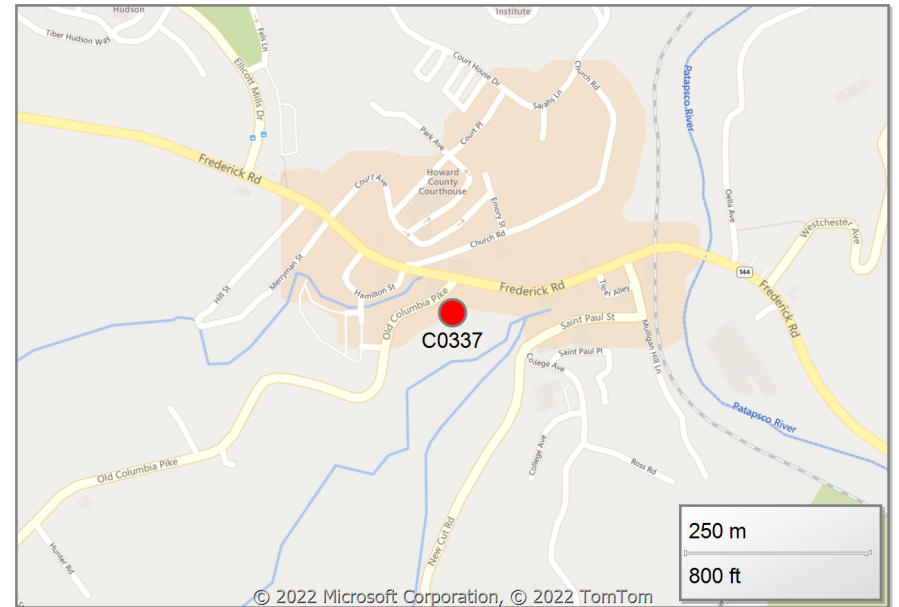
Project Schedule

FY23– Construction: Maryland Avenue culverts, lower Main Street building work, Pond H4.
 FY23– Design: North tunnel and NC-3 pond, lower Main Street buildings, B&O Square, and St. Paul pocket park. Continue building acquisition|removal of those in most vulnerable areas (as needed).

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Scope definition and timeline of project account for cost increase.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0337-FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	9,450	1,000	10,450	0	0	0	0	0	0	0	0	0	0	10,450
LAND ACQUISITION	18,600	3,600	22,200	0	0	0	0	0	0	0	0	0	0	22,200
CONSTRUCTION	119,441	31,300	150,741	10,500	0	0	0	0	10,500	0	0	0	0	161,241
ADMINISTRATION	400	0	400	0	0	0	0	0	0	0	0	0	0	400
Total Expenditures	147,891	35,900	183,791	10,500	0	0	0	0	10,500	0	0	0	0	194,291
BONDS	38,675	0	38,675	10,500	0	0	0	0	10,500	0	0	0	0	49,175
DEVELOPER CONTRIBUTION	165	0	165	0	0	0	0	0	0	0	0	0	0	165
GRANTS	25,596	14,000	39,596	0	0	0	0	0	0	0	0	0	0	39,596
OTHER SOURCES	5	0	5	0	0	0	0	0	0	0	0	0	0	5
PAY AS YOU GO	6,950	21,900	28,850	0	0	0	0	0	0	0	0	0	0	28,850
WATER QUALITY STATE OR FED LOAN	75,000	0	75,000	0	0	0	0	0	0	0	0	0	0	75,000
STORMWATER UTILITY FUNDING	1,500	0	1,500	0	0	0	0	0	0	0	0	0	0	1,500
Total Funding	147,891	35,900	183,791	10,500	0	0	0	0	10,500	0	0	0	0	194,291

\$0 spent and encumbered through February 2022

\$34,233,369 spent and encumbered through February 2021

Project Status TAO#1-2019 Transfer in \$15,981,000

Design – Parking Lot F improvements, Ellicott Mills Dr WQ bumpout, Main St crosswalks, Maryland Avenue culverts, North Tunnel (final engineering).

Construction underway – H-7 Pond, Quaker Mill Pond.

Construction complete – Parking Lot E improvements (partial funding), wall repairs for Court Ave, Tonge Row, Lot E northeast corner, Precious Gifts, Main St at 84" culvert, Main St repaving, Courthouse Dr slope repair, Fels La drainage improvements, Ellicott Mills Dr roadway replacement, Rogers Ave storm drain improvements, St. Luke Church slope, relocation of log cabin, miscellaneous sidewalk repairs, stabilization of Caplans.

Other – Stream wall inspections acquisition and demolition process of those in the most vulnerable areas, St Luke Church slope repair.

FY 2022 Budget	147,891	18,530	166,421	10,500	0	0	0	0	10,500	0	0	0		176,921
Difference 2022 / 2023	0	17,370	17,370	0	0	0	0	0	0	0	0	0	0	17,370

Scope definition and timeline of project account for cost increase.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0338-FY2015 BROADBAND INSTALLATIONS

Description

The Broadband Installation project will improve the fiber installed through the ICBN grant and extend services to various organizations including adding additional county facilities to our fiber network. This will also be used for the equipment inside the building to light the fiber and provide services.

Justification

This is to help reduce overall leased line costs as well as provide equipment refreshes to support higher network speeds that are being requested.

Remarks

1. Build out and infrastructure upgrades continue through fiscal year as necessary.
2. Fiber build out of laterals and backbone will also continue throughout fiscal year as necessary.

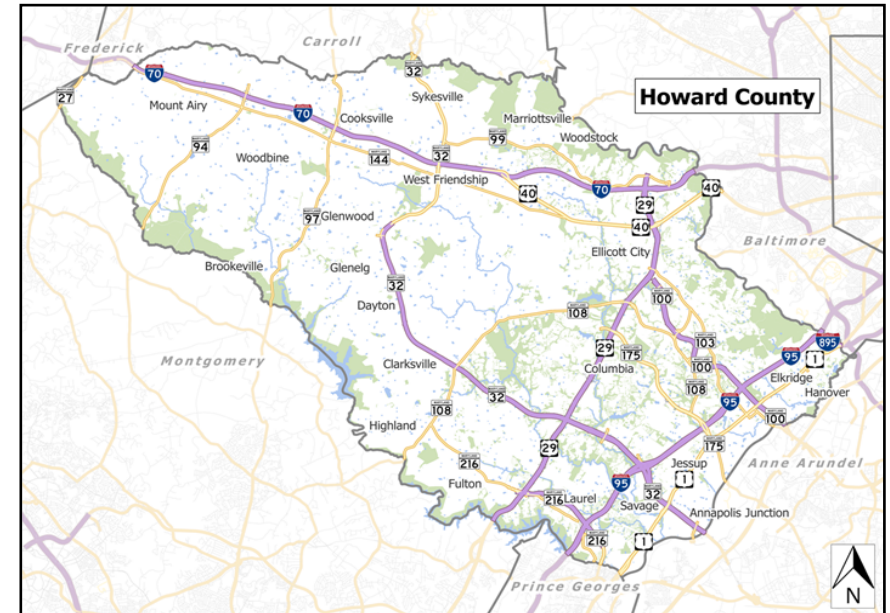
Project Schedule

Provide fiber to County Government locations as needed.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0338-FY2015 BROADBAND INSTALLATIONS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	3,000	0	3,000	0	0	0	0	0	0	0	0	0	0	3,000
Total Expenditures	3,000	0	3,000	0	0	0	0	0	0	0	0	0	0	3,000
OTHER SOURCES	3,000	0	3,000	0	0	0	0	0	0	0	0	0	0	3,000
Total Funding	3,000	0	3,000	0	0	0	0	0	0	0	0	0	0	3,000

\$0 spent and encumbered through February 2022

\$1,703,148 spent and encumbered through February 2021

Project Status

Several County facilities have been connected to the fiber network during prior fiscal years and will continue thereby reducing the County's cost for leased lines.

FY 2022 Budget	3,000	0	3,000	0	0	0	0	0	0	0	0	0		3,000
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: C0339-FY2015 BROADBAND INSTALLATIONS NON-COUNTY GOVERNMENT

Description

The Broadband Installation project will extend services to various non-county government organizations including adding facilities to our fiber network. This will also be used for the equipment inside the building to light the fiber and provide services.

Justification

This is to help reduce overall leased line costs as well as provide equipment refreshes to support higher network speeds that are being requested.

Remarks

OTHER revenues are generated from fee-supported bonds or capital lease.

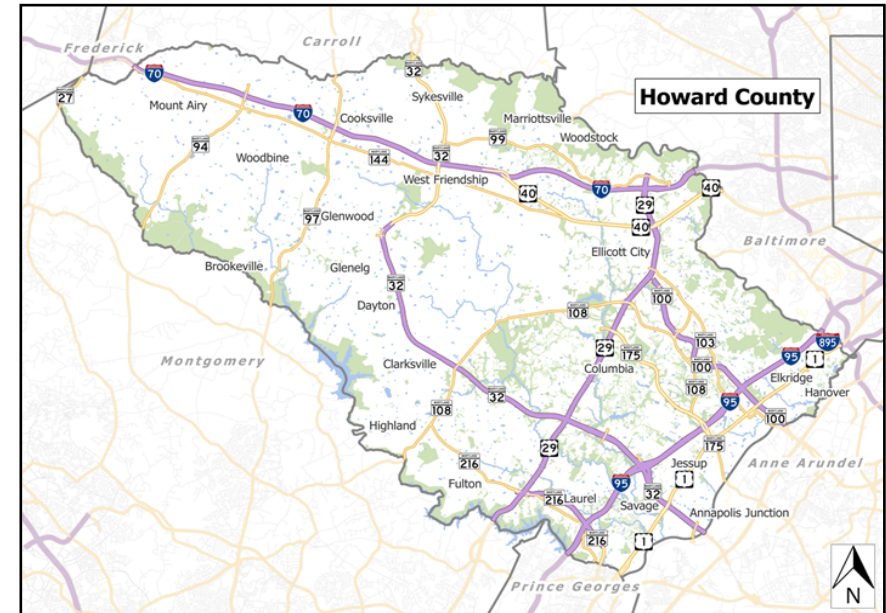
Project Schedule

FY22 and beyond – Continue to add non-County government agencies to the fiber network as demand requires.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0339-FY2015 BROADBAND INSTALLATIONS NON-COUNTY GOVERNMENT

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	5,000	0	5,000	0	0	0	0	0	0	0	0	0	0	5,000
Total Expenditures	5,000	0	5,000	0	0	0	0	0	0	0	0	0	0	5,000
OTHER SOURCES	5,000	0	5,000	0	0	0	0	0	0	0	0	0	0	5,000
Total Funding	5,000	0	5,000	0	0	0	0	0	0	0	0	0	0	5,000

\$0 spent and encumbered through February 2022

\$2,591,490 spent and encumbered through February 2021

Project Status

Several non-County government agencies, such as Howard County Public School System, Howard County Public Library System, and Howard Community College, were added to the fiber network in prior fiscal years. Additions will continue as demand requires in FY22 thereby continuing to generate revenue as customers sign long-term service contracts.

FY 2022 Budget	5,000	0	5,000	0	0	0	0	0	0	0	0	0		5,000
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0340-FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT

Description

The Broadband Installation project will extend services to non-government facilities to our fiber network. This will also be used for the equipment inside the building to light the fiber and provide services.

Justification

This is to help reduce overall leased line costs as well as provide equipment refreshes to support higher network speeds that are being requested.

Remarks

OTHER revenues are generated from fee-supported bonds or capital lease.

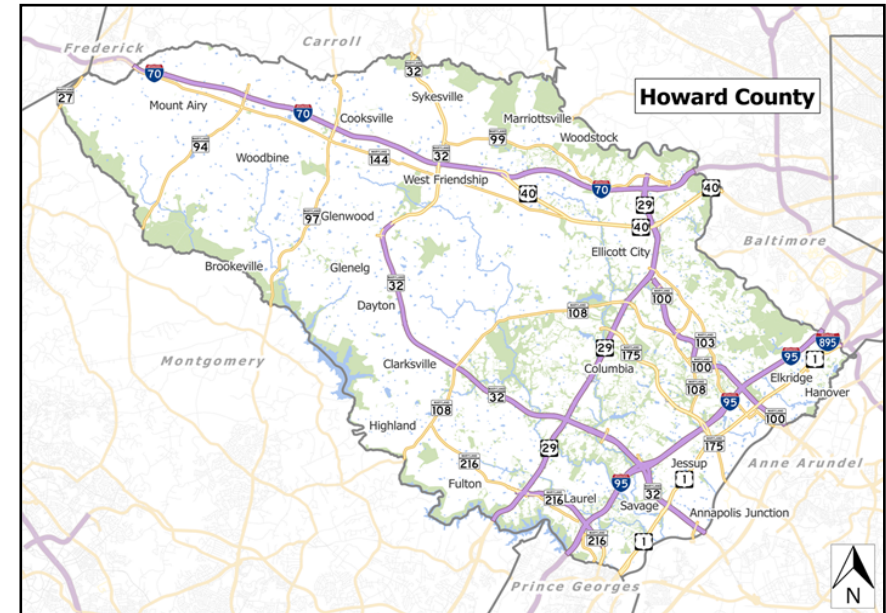
Project Schedule

FY22 and beyond – Continue adding customers to the network as demand requires.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0340-FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	2,000	0	2,000	0	0	0	0	0	0	0	0	0	0	2,000
Total Expenditures	2,000	0	2,000	0	0	0	0	0	0	0	0	0	0	2,000
OTHER SOURCES	2,000	0	2,000	0	0	0	0	0	0	0	0	0	0	2,000
Total Funding	2,000	0	2,000	0	0	0	0	0	0	0	0	0	0	2,000

\$0 spent and encumbered through February 2022

\$770,692 spent and encumbered through February 2021

Project Status

FY18-FY22: Adding customers to the fiber network as demand requires.

FY23 plan: Continue to add customers; generating long-term service contracts.

FY 2022 Budget	2,000	0	2,000	0	0	0	0	0	0	0	0	0		2,000
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: C0342-CLARKSVILLE PARKING GARAGE

Description

This project is for the design, construction and construction management of a parking garage on Clarksville Pike, Clarksville Maryland. The parking garage will be located on an existing surface parking lot on the corner of Route 108 and Signal Bell Lane adjacent to the Ten Oaks Ballroom and Fifth District Volunteer Fire Department. As part of this project, Signal Bell Lane will be widened and ADA access will be upgraded to current standards. The garage will be a precast concrete structure.

Justification

The existing surface parking lot reaches capacity due to the use by commuters and people attending the Ten Oaks Ballroom. The existing parking patterns of the Ten Oaks Ballroom parking lot have reached capacity when commuter parking including bus passengers, individual park and ride carpools, and commercial vanpools are at the site during a moderate ballroom event.

Remarks

A Study dated September 2015 documents existing and latent parking demand at the parking lot, identifies alternatives to provide additional parking accommodations, summarizes the projected traffic impacts associated with the proposed expansion of the parking facility, and evaluates roadway improvements to mitigate adverse traffic impacts.

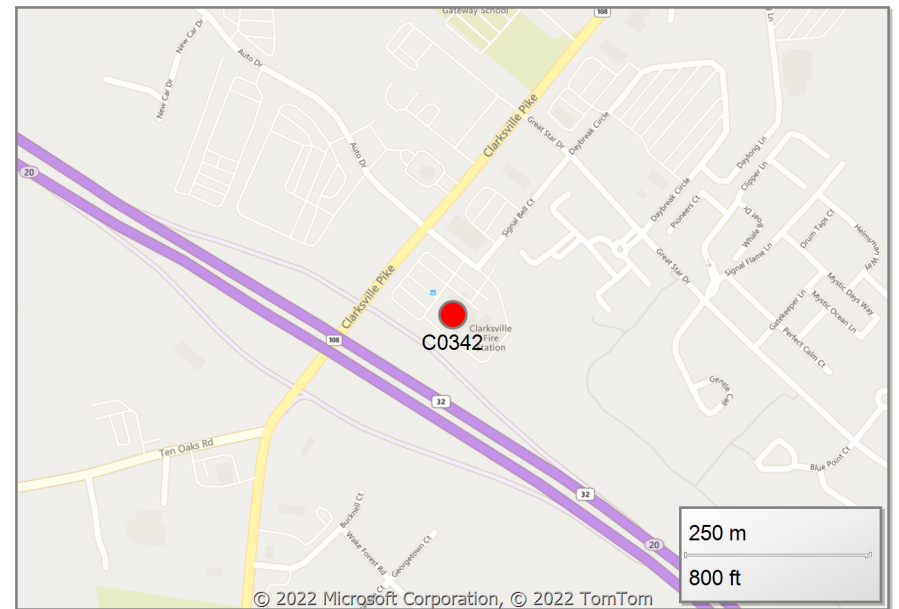
Project Schedule

- FY28 - Start design
- FY29 - Complete design|start construction
- FY30 - Complete construction

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0342-CLARKSVILLE PARKING GARAGE

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	0	0	0	0	450	450	550	0	0	0	1,000
LAND ACQUISITION	0	0	0	0	0	0	0	25	25	0	0	0	0	25
CONSTRUCTION	0	0	0	0	0	0	0	0	0	4,500	0	0	0	4,500
Total Expenditures	0	0	0	0	0	0	0	475	475	5,050	0	0	0	5,525
BONDS	0	0	0	0	0	0	0	475	475	5,050	0	0	0	5,525
Total Funding	0	0	0	0	0	0	0	475	475	5,050	0	0	0	5,525

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status

FY 2022 Budget	0	0	0	0	0	0	0	475	475	5,050	0	0		5,525
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project deferred due to funding constraints.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0348-FY2017 MODERNIZATION OF FLEET AND HIGHWAYS SHOPS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,010	400	1,410	0	0	0	0	0	0	0	0	0	0	1,410
CONSTRUCTION	2,565	2,331	4,896	2,300	100	100	100	0	2,600	0	0	0	0	7,496
ADMINISTRATION	0	69	69	0	0	0	0	0	0	0	0	0	0	69
EQUIPMENT & FURNISHINGS	40	0	40	0	0	0	0	0	0	0	0	0	0	40
Total Expenditures	3,615	2,800	6,415	2,300	100	100	100	0	2,600	0	0	0	0	9,015
BONDS	3,615	2,800	6,415	2,300	100	100	100	0	2,600	0	0	0	0	9,015
Total Funding	3,615	2,800	6,415	2,300	100	100	100	0	2,600	0	0	0	0	9,015

\$0 spent and encumbered through February 2022

\$2,535,638 spent and encumbered through February 2021

Project Status Costs are spread out to account for phasing of construction at Mayfield, Dayton and Cooksville locations. Design of a new sign shop at Cooksville to begin in January 2018.

FY19 - Highways Admin staff located to lease space (Riverwood).

FY20 - Dayton Admin trailer is renovated.

FY21 - Began to construct Old Annapolis Brine Facility; advanced Mayfield master plan.

FY22 - Completed Old Annapolis Brine Facility, advanced Mayfield master plan, located temporary trailer for locker rooms at Mayfield, began design package for site infrastructure at Mayfield shop.

FY 2022 Budget	3,615	2,369	5,984	2,300	100	100	100	0	2,600	0	0	0		8,584
Difference 2022 / 2023	0	431	431	0	0	0	0	0	0	0	0	0	0	431

Project: C0349-FY2017 ENVIRONMENTAL COMPLIANCE OPERATIONS

Description

A project to support environmental compliance activities for County Facilities. Work may include the study, planning, design and construction of environmental protection and remediation measures.

Justification

Plans and improvements to comply with Federal|State regulations.

Remarks

Other money represents escrowed remediation expenses.

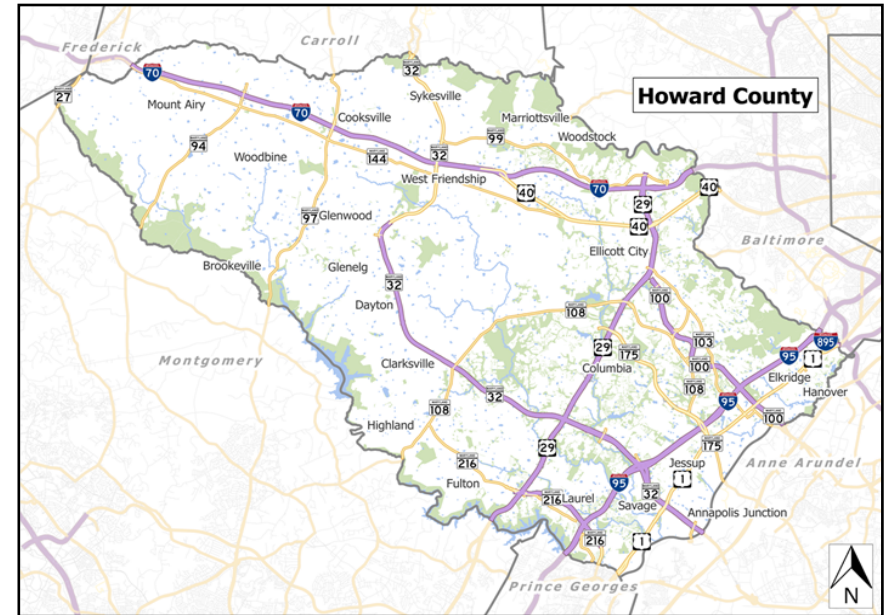
Project Schedule

FY23 - Design: Conduct environmental compliance assessments at multiple facilities.
 Conduct annual environmental compliance updates.
 Conduct stormwater monitoring. Inspect above ground storage tanks monthly.
 FY24-FY32 - Design: Conduct environmental compliance assessments of additional facilities.
 Update every five years. Update SPCC (Spill Prevention Control and Countermeasure) plans every five years. Update SWPPPs (Stormwater Pollution Prevention Plans) as necessary.
 Conduct stormwater monitoring.

Operating Budget Impact

The Bond funding listed for this project includes both long term bond funding and the use of the master lease program as appropriate.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0349-FY2017 ENVIRONMENTAL COMPLIANCE OPERATIONS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,058	200	1,258	298	345	241	171	165	1,220	205	205	280	280	3,448
Total Expenditures	1,058	200	1,258	298	345	241	171	165	1,220	205	205	280	280	3,448
BONDS	1,058	200	1,258	298	345	241	171	165	1,220	205	205	280	280	3,448
Total Funding	1,058	200	1,258	298	345	241	171	165	1,220	205	205	280	280	3,448

\$0 spent and encumbered through February 2022

\$771,574 spent and encumbered through February 2021

Project Status Design: Completed Regulatory Compliance Guide; prepared SPCC plans for all required facilities; prepared and updated SWPPPs at required facilities; conducted environmental compliance assessments of twelve facilities; trained staff annually on SPCC plans, SWPPPs, and handling hazardous wastes; prepared County-wide Hazard Communication Policy; GIS inventory and database ongoing; set up hazardous waste collection program for Howard County sites; monitored stormwater; and updated SPCC Plan and SWPPPs for all required facilities.

Construction: Design and installation of vehicle wash pads and rainwater harvesting systems at seven fire stations complete and four park shops ongoing; 24 USTs removed; removal of leaking underground hydraulic lifts and contaminated soil completed at six sites; oil/water separator replacement completed at 8 sites; underground waste water storage tanks for truck wash pads and oil/water separators designed and installed at two sites; truck wash pad and trench drain replacement complete at Alpha Ridge Maintenance Shop; and installed a stormwater protection system at Cooksville fueling site.

FY 2022 Budget	1,058	213	1,271	298	345	241	171	165	1,220	205	205	280		3,181
Difference 2022 / 2023	0	(13)	(13)	0	0	0	0	0	0	0	0	0	280	267

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0350-FY2017 NEW BUDGET SYSTEM

Description

The Budget Application project has been established to purchase and implement a new budget system for improved efficiencies, transparency and presentation. Phase 1 funding will focus on a feasibility study and provide needed insight into budgeting systems currently on the market that are capable of addressing present and future operating and capital budgeting needs.

Justification

An enhanced budget application is needed to allow for additional analysis, forecasting, data-driven decision making, and integration with the ERP system. The passing of CB 54-2015 along with the integration of performance management added additional requirements to both the operating and capital budget processes. The incorporation of these changes and the desire for additional transparency makes it even more important to consider the future direction of both the industry and the County. The study in the first stage of the project will enable the County to examine the current needs of its existing budget processes and presentations as well as understand the technologies and functionalities being utilized in other jurisdictions. This process will help control the costs associated with a potential project as it will allow for long-term planning.

Remarks

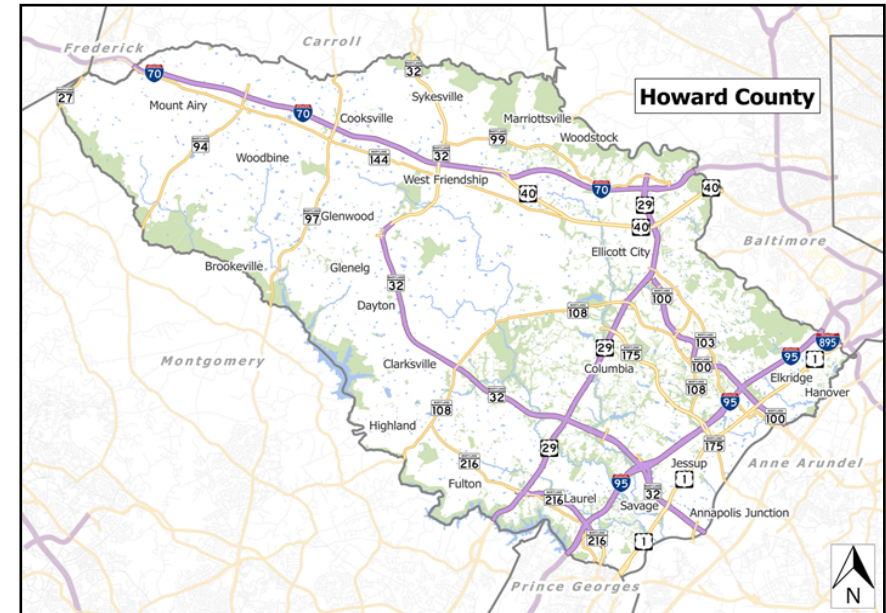
Project Schedule

FY24 - Project financial closeout process.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0350-FY2017 NEW BUDGET SYSTEM

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	500	0	500	0	0	0	0	0	0	0	0	0	0	500
Total Expenditures	500	0	500	0	0	0	0	0	0	0	0	0	0	500
BONDS	500	0	500	0	0	0	0	0	0	0	0	0	0	500
Total Funding	500	0	500	0	0	0	0	0	0	0	0	0	0	500

\$0 spent and encumbered through February 2022

\$494,605 spent and encumbered through February 2021

Project Status FY24 - Financial closeout

FY19 - Implementation

FY18 - Procurement

FY17 - Feasibility Study

FY20 - Complete Implementation

FY 2022 Budget	500	0	500	0	0	0	0	0	0	0	0	0		500
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: C0351-FY2017 HARRIET TUBMAN REMEDIATION and RESTORATION

Description

This project will provide for Harriet Tubman High School remediation of hazardous containing material such as ACM, lead, PCB, and fuel. It will render the building code compliant for near term use and provide design and construction for long-term use based on program goals developed in cooperation with community stake holders.

Justification

Howard County will provide space for the HCPSS Maintenance Shop to relocate from the Harriet Tubman High School. Howard County will decommission the Harriet Tubman High School, remove any hazardous material, and complete renovations for community use.

Remarks

1. Prior appropriated GRANTS represents FY18 and FY19 State Bond Bills. FY20 GRANT represents FY20 State Bond Bill. FY22 GRANT represents FY22 State Bond Bill.
2. Phase 2: Life Safety upgrades are complete. Improvements include new windows, ADA lifts, HVAC, sprinklers, and a new Fire Alarm System.
3. Phase 3: Community Center that features an African American Cultural Center, performing arts, Fitness areas, and other Community amenities. Over the course of design, the scope was increased to include theatrical lighting and enhanced AV systems, exterior play areas, new electrical service, new water service and fire pump, new vestibule and storefront doors, emergency generator and additional HVAC equipment. This unanticipated increase in scope has resulted in increased costs.
4. Harriet Tubman Cultural Center (Phase 3) to be bid in January 2021. Due to current funding constraints, project will be constructed under two phases. The base bid will use current available funding. Pending the receipt of additional FY22 funds, the County will act on numerous Add/Alternate pricing in order to complete the project.

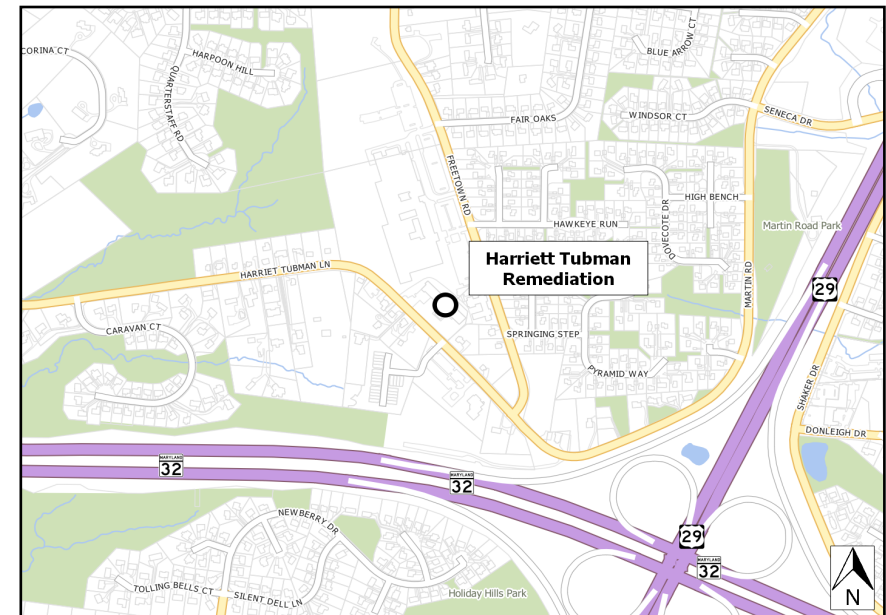
Project Schedule

FY23 - FFE for new Harriet Tubman Cultural Center, financial close out.

Operating Budget Impact

Once the project is completed, operating expenses are projected to be in excess of \$1 million.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0351-FY2017 HARRIET TUBMAN REMEDIATION and RESTORATION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	720	0	720	0	0	0	0	0	0	0	0	0	0	720
CONSTRUCTION	7,550	150	7,700	0	0	0	0	0	0	0	0	0	0	7,700
EQUIPMENT & FURNISHINGS	460	150	610	0	0	0	0	0	0	0	0	0	0	610
Total Expenditures	8,730	300	9,030	0	0	0	0	0	0	0	0	0	0	9,030
BONDS	5,580	300	5,880	0	0	0	0	0	0	0	0	0	0	5,880
GRANTS	1,850	0	1,850	0	0	0	0	0	0	0	0	0	0	1,850
PAY AS YOU GO	1,300	0	1,300	0	0	0	0	0	0	0	0	0	0	1,300
Total Funding	8,730	300	9,030	0	0	0	0	0	0	0	0	0	0	9,030

\$0 spent and encumbered through February 2022

\$3,263,500 spent and encumbered through February 2021

Project Status Environmental and building assessments completed. Building is completely unoccupied since HCPSS vacated the building in September 2017.

FY19 - development of a schedule and budget for long term use, based on findings of the Harriet Tubman Society Advisory Council, was completed.

FY20 - Restored Auditorium-Gym (Phase 1). Designed additional renovations based on Council findings.

FY21 - Completing construction of Life Safety upgrades & design for Harriet Tubman Cultural Center.

FY22 - Substantial completion of renovation for the Harriet Tubman Cultural Center, FFE acquisition.

FY 2022 Budget	8,730	800	9,530	0	0	0	0	0	0	0	0	0	0	9,530
Difference 2022 / 2023	0	(500)	(500)	0	0	0	0	0	0	0	0	0	0	(500)

TAO 3-2017 transferred \$480,000 to C0309 Land Acquisition Contingency Reserve. Additional costs are for window replacement and life safety upgrades..

Project: C0352-FY2017 SITE ACQUISITION FOR SCHOOL SITES AND ELEVATED WATER STORAGE FACILITIES

Description

This project establishes a fund for school site acquisition that comes available on the market that meets the future needs of the County specifically to serve the public interest to add or enhance the school system sites for new schools. This shall include title and appraisal reports, surveys, environmental assessments, etc., required for the acquisition of property. The acquisition will be sized for at least two school facilities and compatible recreational facilities. The project will also be used to acquire the necessary property to design and construct an elevated water storage facility, including site access and pipeline construction, and entrance road will be constructed as part of this project.

Justification

Allows the County to move quickly on behalf of the school system for parcels that come on the market. Land resources available for development are becoming rare and it is essential that the County have the ability to move quickly to take advantage of opportunities for unique locations that meet the needs of the school system.

Remarks

1. The project site is between Route 1 and Mission Road in the Southeast quadrant of the County.
2. The property to be purchased will be graded to its potential ultimate use configuration facilitates the construction of school facilities, the property will also be developed for public recreational purposes. The Board of Education and Recreation and Parks will develop a joint plan for the site that will accommodate school and recreational uses.
3. FY17 project funds transferred to C0309.
4. OTHER represents property disposition proceeds reflected in ENCR 68 and or 69 - 2015 which were included as in original budget estimates.

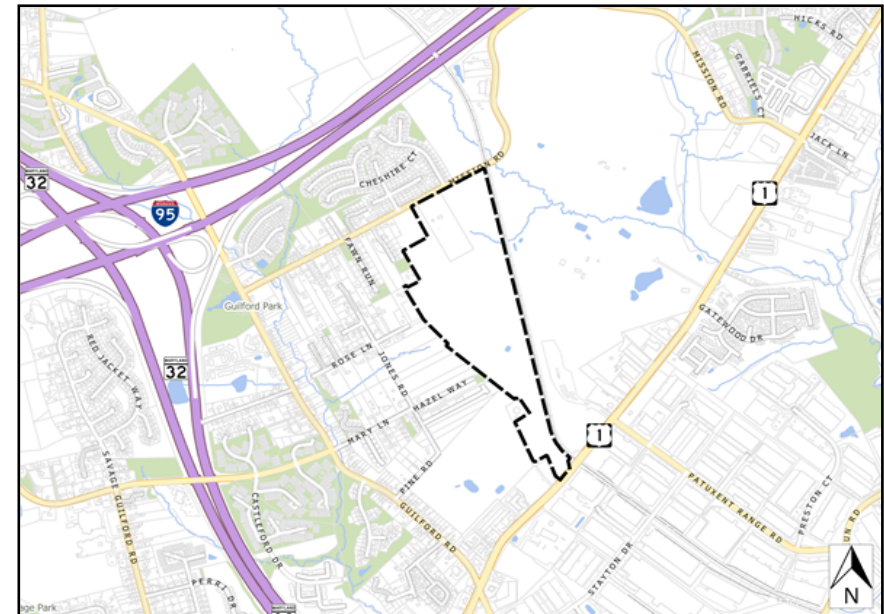
Project Schedule

FY23 - Project is in the financial closeout process.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

TAO3-2017 transferred \$2,500,000 appropriation to C0309 Land Acquisition Contingency Reserve.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0352-FY2017 SITE ACQUISITION FOR SCHOOL SITES AND ELEVATED WATER STORAGE FACILITIES

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
LAND ACQUISITION	25,520	0	25,520	0	0	0	0	0	0	0	0	0	0	25,520
Total Expenditures	25,520	0	25,520	0	0	0	0	0	0	0	0	0	0	25,520
BONDS	10,720	0	10,720	0	0	0	0	0	0	0	0	0	0	10,720
METRO DISTRICT BOND	6,800	0	6,800	0	0	0	0	0	0	0	0	0	0	6,800
OTHER SOURCES	2,500	0	2,500	0	0	0	0	0	0	0	0	0	0	2,500
PAY AS YOU GO	5,500	0	5,500	0	0	0	0	0	0	0	0	0	0	5,500
Total Funding	25,520	0	25,520	0	0	0	0	0	0	0	0	0	0	25,520

\$0 spent and encumbered through February 2022

\$25,511,618 spent and encumbered through February 2021

Project Status FY17-FY18 - Identify and acquire multi-school sites. Acquire elevated water storage facility sites.

FY19 - Complete site acquisition contract.

FY19-FY20 - Complete site acquisition contract, rough grading of site and entrance road construction. Purchased sites.

FY21-FY22 - Project is in the financial closeout process.

FY 2022 Budget	25,520	0	25,520	0	0	0	0	0	0	0	0	0		25,520
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: C0353-TRANSIT CENTER

Description

A project for site selection, design and construction of a transit center. The center will serve as a hub for existing, and planned, local and regional transit, services including Regional Transit Agency (RTA) and Maryland Transit Administration (MTA) services, bike share as well as future downtown circulator and bus rapid transit services. The center is envisioned as part of mixed-use development including affordable housing to be provided by Howard County Housing Commission.

Justification

The 2010 Downtown Columbia Plan (pages 43-44) calls for a transit center as part of downtown transportation demand management where passengers could transfer between lines in a comfortable, attractive and interesting environment.

Remarks

The Downtown Columbia plans Community Enhancements, Programs and Public Amenities (CEPPA) #14 as amended in FY 2018 requires the master developer to provide a location at no or nominal cost for a transit center prior to issuance of a building permit for 3.2M SF of development (anticipated to occur by FY2025). The Office of Transportation completed a location and site selection study in FY2018. The preferred site is at the east end of Columbia Mall Circle north and west of Little Patuxent Parkway.

Project Schedule

FY21-24 - Identify whether a temporary transit center site will be needed, as identified in the location and site selection study, and/or improvements at the current transit center are needed to address transit vehicle congestion. Explore potential grant opportunities for the transit center.

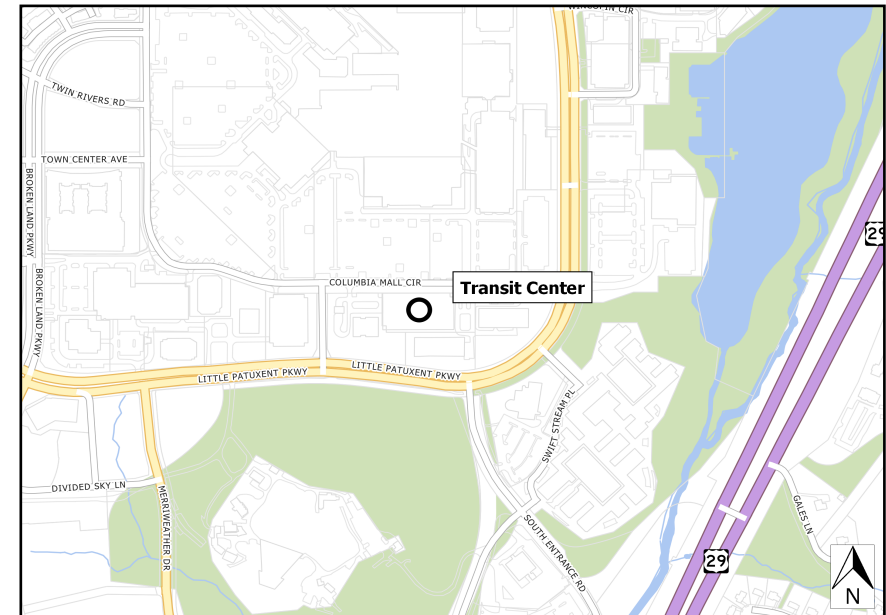
FY31 - Preliminary Design

FY32 - Final design and Construction.

Operating Budget Impact

Zero. Design and construction funding envisioned to come from additional revenue generated from Tax Increment Financing investment in downtown Columbia.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

None

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0353-TRANSIT CENTER

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	0	0	0	0	0	0	0	0	1,100	1,100	2,200
CONSTRUCTION	0	0	0	0	0	0	0	0	0	0	0	0	6,600	6,600
Total Expenditures	0	0	0	0	0	0	0	0	0	0	0	1,100	7,700	8,800
BONDS	0	0	0	0	0	0	0	0	0	0	0	1,100	0	1,100
OTHER SOURCES	0	0	0	0	0	0	0	0	0	0	0	0	3,300	3,300
Other GO	0	0	0	0	0	0	0	0	0	0	0	0	4,400	4,400
Total Funding	0	0	0	0	0	0	0	0	0	0	0	1,100	7,700	8,800

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status Analysis and site selection and preliminary cost estimates complete. Advance bus rapid transit planning.

FY 2022 Budget	0	0	0	0	0	250	500	1,400	2,150	1,500	750	0		4,400
Difference 2022 / 2023	0	0	0	0	0	(250)	(500)	(1,400)	(2,150)	(1,500)	-750	1,100	7,700	4,400

Funding aligns with Downtown Columbia Plan and CEPPA.

Project: C0354-FY2019 BUILDING ACCESS CONTROL AND SECURITY ENHANCEMENTS

Description

This project includes design and implementation of new and improved existing electronic security systems at a number of County facilities. Minor building design and construction required to accommodate these systems would also be included.

Justification

This project will address concerns that security at some County facilities might not be adequate to address possible threats to these facilities.

Remarks

A number of security assessments performed in recent years recommend some level of hardening for County facilities.

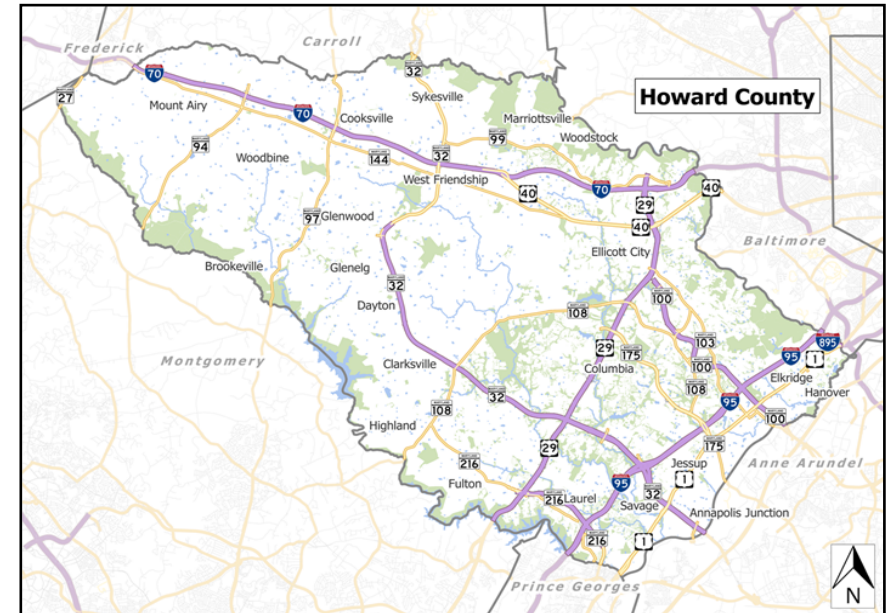
Project Schedule

FY23 - Address security issues at County buildings, including Howard Building. Incorporate HVAC outside air intake improvements, security improvements to parking area, and modifications to building entrance and exits.

Operating Budget Impact

Annual Maintenance: \$5,000

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Additional funds requested for FY23 and beyond for security enhancements and replacement of card readers to the latest generation.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0354-FY2019 BUILDING ACCESS CONTROL AND SECURITY ENHANCEMENTS

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	20	50	70	0	0	0	0	0	0	0	0	0	0	70
CONSTRUCTION	80	450	530	1,000	750	500	500	500	3,250	0	0	0	0	3,780
Total Expenditures	100	500	600	1,000	750	500	500	500	3,250	0	0	0	0	3,850
BONDS	100	500	600	1,000	750	500	500	500	3,250	0	0	0	0	3,850
Total Funding	100	500	600	1,000	750	500	500	500	3,250	0	0	0	0	3,850

\$0 spent and encumbered through February 2022

\$6,704 spent and encumbered through February 2021

Project Status Design and Construction pending coordination with current physical security planning.

FY21 - Develop in-house assessment tool.

FY22 - Developed alternative designs to address air intake. Reviewing and categorizing projects classified from assessment tool.

FY 2022 Budget	100	0	100	0	0	0	0	0	0	0	0	0		100
Difference 2022 / 2023	0	500	500	1,000	750	500	500	500	3,250	0	0	0	0	3,750

Project: C0358-FY2019 NORTH LAUREL COMMUNITY POOL

Description

This project will construct an enclosed swimming pool at North Laurel Park, providing the County with a needed second public pool.

Justification

Provide the County with a needed second public pool.

Remarks

1. The feasibility study for this pool was completed under project N3940, as a portion of the North Laurel Park.
2. \$1.3 Million of funds remaining in project N3940 were used for the design of this project.
3. The North Laurel Community Pool Project has been planned since 2008 and will have two separate pools. The main pool will be a standard 25 yards in length with 8 lap lanes and an ADA access.
4. The second pool will be a warm-water leisure pool to accommodate both older swimmers from the North Laurel Community Center's 50+ center and young children for swim lessons.
5. Support spaces will be provided including Men's, Women's and individual family locker rooms.
6. This project is on hold due to funding constraints.

Project Schedule

Deferred due to budget constraints.

Operating Budget Impact

O&M Budget impact beginning in FY29: \$250,000 per year

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Project has been deferred due to budget constraints.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0358-FY2019 NORTH LAUREL COMMUNITY POOL

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	100	0	100	0	0	0	0	100	100	0	0	0	0	200
CONSTRUCTION	0	0	0	0	0	0	0	13,900	13,900	0	0	0	0	13,900
ADMINISTRATION	0	0	0	0	0	0	0	50	50	0	0	0	0	50
EQUIPMENT & FURNISHINGS	0	0	0	0	0	0	0	350	350	0	0	0	0	350
Total Expenditures	100	0	100	0	0	0	0	14,400	14,400	0	0	0	0	14,500
BONDS	100	0	100	0	0	0	0	14,400	14,400	0	0	0	0	14,500
Total Funding	100	0	100	0	0	0	0	14,400	14,400	0	0	0	0	14,500

\$0 spent and encumbered through February 2022

\$51,010 spent and encumbered through February 2021

Project Status FY18 - Feasibility study complete, \$967,433.96 spent under N3940. FY19 - Complete design

FY 2022 Budget	100	0	100	0	0	0	0	14,400	14,400	0	0	0		14,500
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0359-FY2019 TURF VALLEY SCHOOL SITE ACQUISITION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
LAND ACQUISITION	6,000	0	6,000	0	0	0	0	0	0	0	0	0	0	6,000
Total Expenditures	6,000	0	6,000	0	0	0	0	0	0	0	0	0	0	6,000
BONDS	4,000	0	4,000	0	0	0	0	0	0	0	0	0	0	4,000
PAY AS YOU GO	2,000	0	2,000	0	0	0	0	0	0	0	0	0	0	2,000
Total Funding	6,000	0	6,000	0	0	0	0	0	0	0	0	0	0	6,000

\$0 spent and encumbered through February 2022

\$30,065 spent and encumbered through February 2021

Project Status FY2021 - Negotiations on multi-year agreement complete.

Appraisal of 12.25 acres of land in the Turf Valley area completed in 2017.

FY2022 - Agreement finalized and purchased land. Transferred to Board of Education complete.

FY 2022 Budget	6,000	0	6,000	0	0	0	0	0	0	0	0	0		6,000
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0360-FY2019 REAL ESTATE PLANNING AND DESIGN

Description

This project will provide funding for expenses related to potential properties that become available and meet the future needs of the County to serve the public interest and no funded Capital Project exists. The project will also serve as a transfer source and to resolve other acquisition issues on projects that were closed or on those not funded by the Enterprise Fund. This shall include title and appraisal reports, surveys, environmental assessments, and all costs associated with and required for the acquisition of property.

Justification

This project will allow the County to best plan for potential purchases of parcels of land, real estate and properties that become available. Land resources are becoming rare and it is essential that the County have the ability for preliminary planning and consideration of the costs related to land parcels and properties before a new capital project is started. Also allows the ability for asset planning, master planning and to take advantage of unique opportunities for key locations and possibly prevent the future need for condemnation.

Remarks

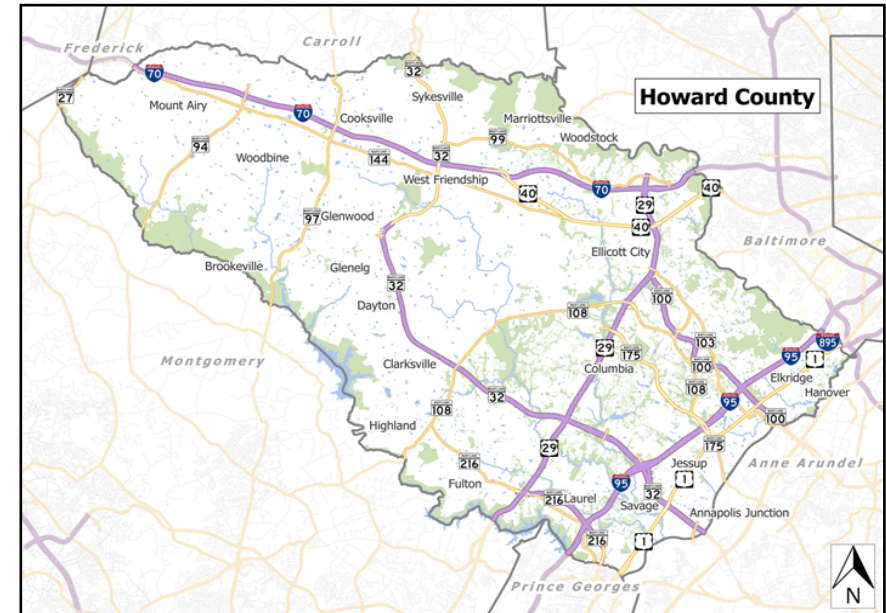
Project Schedule

Program

Operating Budget Impact

None

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

None

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0360-FY2019 REAL ESTATE PLANNING AND DESIGN

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	500	400	900	0	0	300	0	500	800	0	0	300	0	2,000
Total Expenditures	500	400	900	0	0	300	0	500	800	0	0	300	0	2,000
BONDS	500	400	900	0	0	300	0	500	800	0	0	300	0	2,000
Total Funding	500	400	900	0	0	300	0	500	800	0	0	300	0	2,000

\$0 spent and encumbered through February 2022

\$181,309 spent and encumbered through February 2021

Project Status

FY 2022 Budget	500	400	900	0	0	300	0	500	800	0	0	0		1,700
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	300	0	300

Project: C0362-FY2019 GATEWAY INNOVATION CENTER RENOVATION

Description

A project for renovations of the Gateway Building located at 6751 Columbia Gateway Drive to facilitate the implementation of the Gateway Innovation Center.

Justification

As an initiative of the Economic Development Authority (EDA), renovations are necessary as the Maryland Center for Entrepreneurship (MCE) moves from the Dorsey Building to the Gateway Building, as an initial phase of the Innovation Center.

Remarks

OTHER SOURCES and OTHER GO represent general obligation bonds supported by fundraising and lease revenue generated from the operation of the MCE.

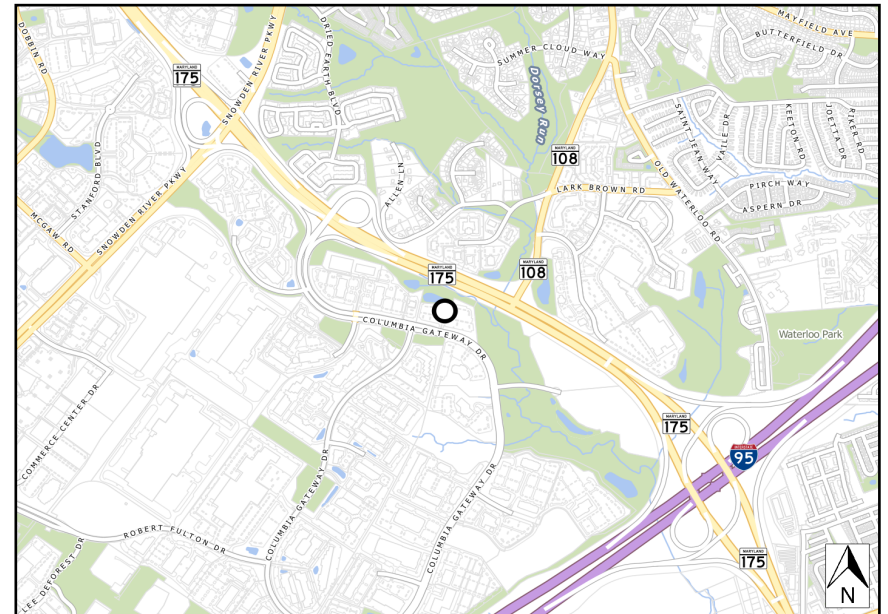
Project Schedule

FY22 - Final phase of renovations and equipment purchase. Project will enter the financial closeout process.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0362-FY2019 GATEWAY INNOVATION CENTER RENOVATION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	200	0	200	0	0	0	0	0	0	0	0	0	0	200
CONSTRUCTION	3,800	0	3,800	0	0	0	0	0	0	0	0	0	0	3,800
Total Expenditures	4,000	0	4,000	0	0	0	0	0	0	0	0	0	0	4,000
OTHER SOURCES	3,000	0	3,000	0	0	0	0	0	0	0	0	0	0	3,000
Other GO	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
Total Funding	4,000	0	4,000	0	0	0	0	0	0	0	0	0	0	4,000

\$0 spent and encumbered through February 2022

\$3,000,000 spent and encumbered through February 2021

Project Status FY19 - Design|construction of building renovations.

FY20 - Complete first phase of construction and plan for any future demand.

FY21 - Final phase of renovations and equipment purchase.

FY 2022 Budget	4,000	0	4,000	0	0	0	0	0	0	0	0	0		4,000
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0363-FY2019 LINWOOD SCHOOL PARKING LOT

Description

A project to construct a parking lot adjacent to the Linwood School site located on Martha Bush Drive in Ellicott City.

Justification

This project will provide overflow parking for the Linwood school program staff and visitors. The shortage of parking on the school site has been driven by changes to staffing requirements by the State.

Remarks

1. OTHER revenue represents Linwood School contribution.
2. GRANT revenue represents state funding.
3. Required Public process and hearing with Planning board was held April 5, 2018.

Project Schedule

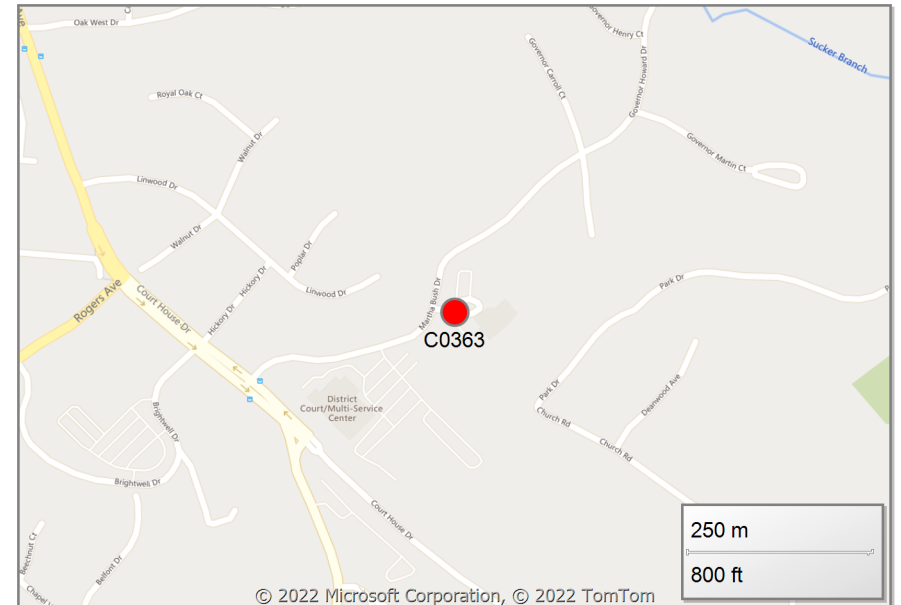
FY22 - Construction of parking lot. Design is substantially complete. Working on utility relocations. Project is currently over budget and Linwood Center is evaluating alternative funding sources.

FY23 - Project remains over budget and no alternative funding sources have been found. County is working with State Department of General Services to determine if a portion of the District Court parking lot may be able to be utilized by Linwood.

Operating Budget Impact

None

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

None

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0363-FY2019 LINWOOD SCHOOL PARKING LOT

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	50	0	50	0	0	0	0	0	0	0	0	0	0	50
CONSTRUCTION	250	0	250	0	0	0	0	0	0	0	0	0	0	250
Total Expenditures	300	0	300	0	0	0	0	0	0	0	0	0	0	300
BONDS	100	0	100	0	0	0	0	0	0	0	0	0	0	100
GRANTS	100	0	100	0	0	0	0	0	0	0	0	0	0	100
OTHER SOURCES	100	0	100	0	0	0	0	0	0	0	0	0	0	100
Total Funding	300	0	300	0	0	0	0	0	0	0	0	0	0	300

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status FY20|21 - Design and site work.

FY22 - Explored alternative execution strategy.

FY 2022 Budget	300	0	300	0	0	0	0	0	0	0	0	0		300
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None

Project: C0364-FY2021 NEW CULTURAL CENTER

Description

This project is to design and build a cultural art center in downtown Columbia.

Justification

The new cultural center is a significant component of the downtown Columbia plan, and will achieve the plan's vision for establishing a dynamic visual and performing arts environment in downtown Columbia.

Remarks

1. OTHER GO represents general obligation bonds supported by revenue generated from Department of Recreation and Parks programming and the second set-aside of downtown Columbia TIF incremental tax revenues.
2. GRANT represents State funding.
3. TIF bond funding for the NCC parking garage is included in C0319.

Project Schedule

FY23- Construction.

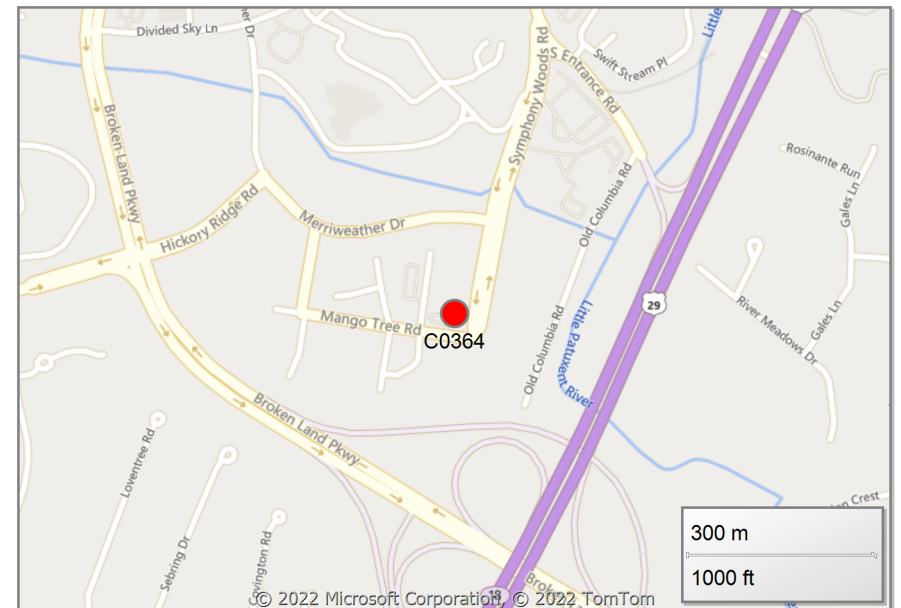
FY24- Continue construction.

FY25 - Complete construction and facility to be operational.

Operating Budget Impact

Beginning in FY25 DRP will require an annual operating budget appropriation in the projected initial amount of \$848,000. The costs will cover 6 full-time personnel (FTE), contractual services, supplies, and materials. Maintenance of Facilities, annual utility cost, services supplies and materials and 3 FTE will be \$3.4M.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Project was delayed due to delay in the funding approval and complexity of building design and code issues.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0364-FY2021 NEW CULTURAL CENTER

(In Thousands)	Five Year Capital Program									Master Plan				Total Project
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	
PLANS & ENGINEERING	1,500	0	1,500	0	0	0	0	0	0	0	0	0	0	1,500
CONSTRUCTION	54,652	0	54,652	0	0	0	0	0	0	0	0	0	0	54,652
Total Expenditures	56,152	0	56,152	0	0	0	0	0	0	0	0	0	0	56,152
DEVELOPER CONTRIBUTION	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
GRANTS	500	0	500	0	0	0	0	0	0	0	0	0	0	500
Other GO	54,652	0	54,652	0	0	0	0	0	0	0	0	0	0	54,652
Total Funding	56,152	0	56,152	0	0	0	0	0	0	0	0	0	0	56,152

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status FY22 - Completed the design, filed building permit, construction started.

FY 2022 Budget	56,152	0	56,152	0	0	0	0	0	0	0	0	0		56,152
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

The prior appropriation was modified to reflect passage of TAOI -2021 which transferred \$54.652 million in Other GO to this project from C0214 Category Contingency Fund.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0365 - SYSTEMIC FACILITY IMPROVEMENTS

Description

Project to maintain all county facilities managed by the Department of Public Works.

Justification

Building systems that exceeded their useful life, are inefficient or have deteriorated beyond maintenance standards. Upgrades, replacement or renovations necessary to support the evolving needs of the county.

Remarks

1. Upgrade and improve building infrastructure to meet current and new facility standards and requirements such as AV, IT, security and emergency generators.
2. New and existing office reconfigurations to meet staffing needs.
3. Renovations to Long Reach Village Center
4. Grant represents state funding to accommodate space needs for an Asian American Cultural Center.

Project Schedule

FY23 - Renovations to the second floor Ascend One building for lobby and restroom upgrades, new Training room and relocation of Maryland Cooperative Extension staff vacating leased facilities. Search for space and design for AAPI Cultural Center. Miscellaneous departmental requests, deferred maintenance. Ridge Road generator upgrade.

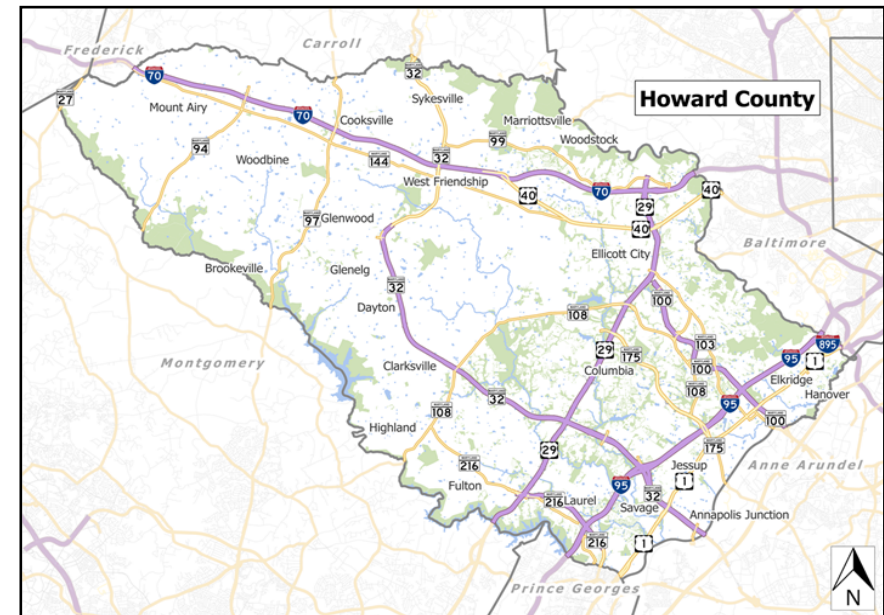
FY24 - Continue renovations to second floor Ascend One building for relocation|expansion of Human Resources. Miscellaneous departmental requests, deferred maintenance, park restroom renovations. Miscellaneous security and generator upgrades. Rockburn Park sewer install.

FY25 - Miscellaneous departmental requests, deferred maintenance, miscellaneous security and generator upgrades.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0365 - SYSTEMIC FACILITY IMPROVEMENTS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	393	570	963	383	264	283	283	0	1,213	0	0	0	0	2,176
CONSTRUCTION	3,790	5,213	9,003	5,700	4,350	4,400	4,400	0	18,850	0	0	0	0	27,853
ADMINISTRATION	117	117	234	117	186	117	117	0	537	0	0	0	0	771
Total Expenditures	4,300	5,900	10,200	6,200	4,800	4,800	4,800	0	20,600	0	0	0	0	30,800
BONDS	3,800	5,650	9,450	5,950	4,800	4,800	4,800	0	20,350	0	0	0	0	29,800
GRANTS	500	250	750	250	0	0	0	0	250	0	0	0	0	1,000
Total Funding	4,300	5,900	10,200	6,200	4,800	4,800	4,800	0	20,600	0	0	0	0	30,800

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status FY22 - Various relocations|renovations to Carroll-Ligon building, including expansion of Office of Law, OEM, and 911 Center. Relocation of portion of Finance and Budget to Carroll-Ligon building. Creation of office space for States Attorney new body-worn camera program. Relocation of Park Rangers to Ascend One building. Implementation of family restrooms with adult changing stations at Rec & Parks facilities; planning for AAPI Cultural Center.

FY 2022 Budget	4,300	4,720	9,020	4,800	4,800	4,800	4,800	0	19,200	0	0	0		28,220
Difference 2022 / 2023	0	1,180	1,180	1,400	0	0	0	0	1,400	0	0	0	0	2,580

This is a new Systemic Facility Improvement project; the previous Systemic project C0317 will be in close-out.

Project: C0366 - PUBLIC SAFETY TRAINING FACILITIES IMPROVEMENTS

Description

Project will make improvements determined by Public safety Master Plan, and as determined necessary for safety.

Justification

Firing Range: Continued operation of the range is essential to providing required certifications to the Police, Sheriff, and Department of Corrections. The current range was constructed to serve approximately half the number of sworn law enforcement present in Howard County. Demands currently exceed available capacity and present operational liabilities with potential for errant rounds to escape the current containment berm. As currently configured, the existing range provides basic training and certification ability. Proposed improvements will provide for dynamic, real world training scenarios.

Remarks

1. Firing Range: After concluding a master plan study for expansion of the Range, it is estimated that the expansion would cost between \$18-\$20 million. In lieu of expansion, safety modifications to the existing range are planned to extend its service life for the next 5-10 years. This includes an additional modular office trailer to provide stand-alone weapons cleaning facility.
2. In lieu of an expanded firing range, shared facility use with other jurisdictions will be pursued.

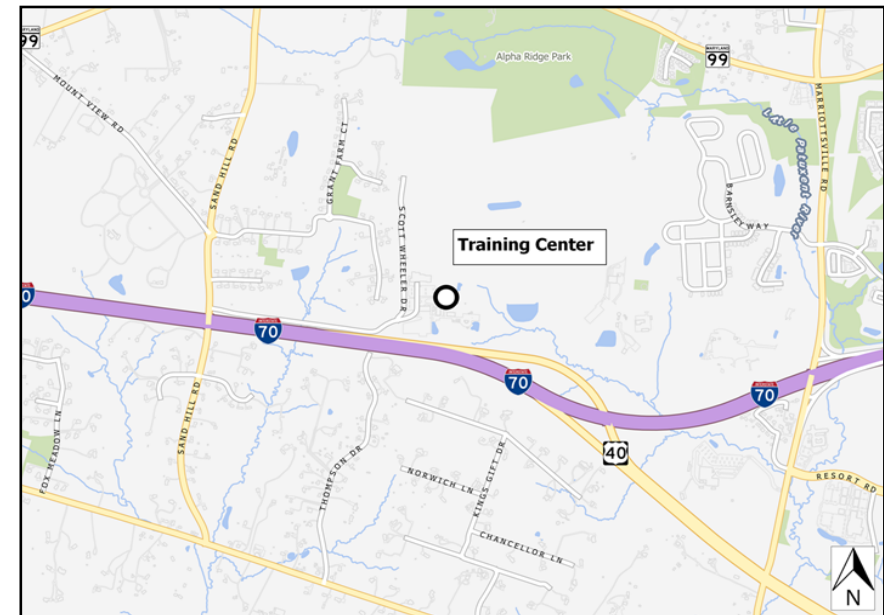
Project Schedule

FY23 - Planned completion of berm safety improvements with landscape establishment during fall planting season. Complete construction of Firing Range safety modifications.
 FY28 - Begin design of modernization|expansion of Firing Range to include updated training facilities for less lethal tactics and enhanced simulation scenarios.

Operating Budget Impact

Minimal increase to annual utility, custodial, and operating costs upon completion are anticipated for the Firing Range.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Expanded Firing Range project has been deferred due to budget constraints.

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0366 - PUBLIC SAFETY TRAINING FACILITIES IMPROVEMENTS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	0	0	0	0	1,000	1,000	0	0	0	0	1,000
CONSTRUCTION	1,450	100	1,550	0	0	0	0	0	0	0	0	0	0	1,550
ADMINISTRATION	75	0	75	0	0	0	0	0	0	0	0	0	0	75
EQUIPMENT & FURNISHINGS	30	0	30	0	0	0	0	0	0	0	0	0	0	30
Total Expenditures	1,555	100	1,655	0	0	0	0	1,000	1,000	0	0	0	0	2,655
BONDS	1,555	100	1,655	0	0	0	0	1,000	1,000	0	0	0	0	2,655
Total Funding	1,555	100	1,655	0	0	0	0	1,000	1,000	0	0	0	0	2,655

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status FY22 - Design completed for range safety improvements and lead contamination remediation. Construction commenced in early calendar year 2022.

FY 2022 Budget	1,555	0	1,555	0	0	0	0	0	0	0	0	0		1,555
Difference 2022 / 2023	0	100	100	0	0	0	0	1,000	1,000	0	0	0	0	1,100

Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0367 - FY2023 FEDERAL or STATE GRANT FUNDED CAPITAL PROJECTS

Description

This project is designed to support spending on infrastructure projects funded by Federal and State grants. This includes Coronavirus State and Local Fiscal Recovery Funds established by the American Rescue Plan Act and other funding as received and allocated to Howard County.

Justification

This project will be used to account for federal|state grant funded infrastructure projects, to assist with the compliance and reporting requirements that accompany the grant funding.

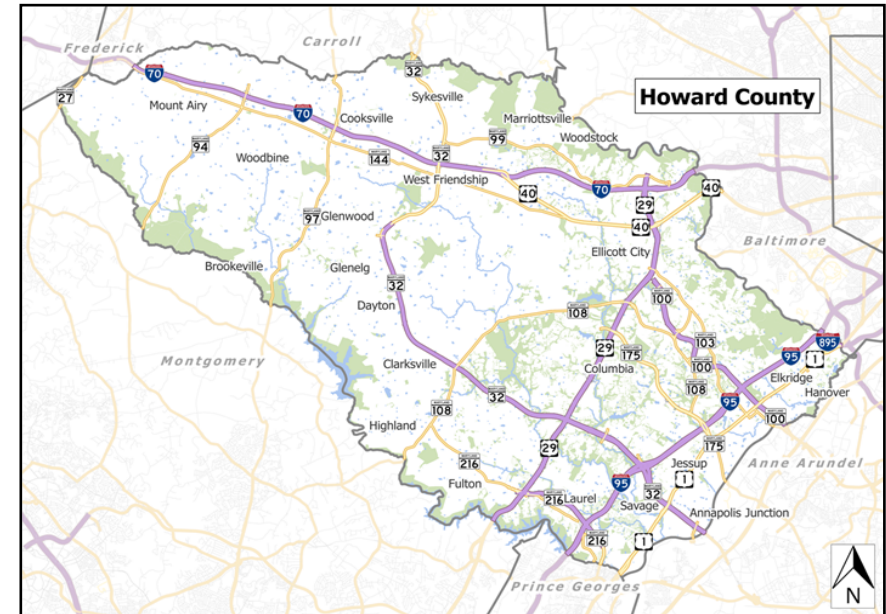
Remarks

Project Schedule

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

GENERAL COUNTY PROJECTS

Project: C0367 - FY2023 FEDERAL or STATE GRANT FUNDED CAPITAL PROJECTS

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	0	20,000	20,000	0	0	0	0	0	0	0	0	0	0	20,000
Total Expenditures	0	20,000	20,000	0	0	0	0	0	0	0	0	0	0	20,000
GRANTS	0	20,000	20,000	0	0	0	0	0	0	0	0	0	0	20,000
Total Funding	0	20,000	20,000	0	0	0	0	0	0	0	0	0	0	20,000

\$0 spent and encumbered through February 2022

spent and encumbered through February 2021

Project Status

Difference 2022 / 2023	0	20,000	20,000	0	0	0	0	0	0	0	0	0	0	20,000
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Howard County, MD
FY 2023 Planning Board Capital Budget
STORM DRAINAGE PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total	
D1112-FY1997 DAVIS AVE AREA DRAINAGE IMPROVEMENTS This project is for the design and construction of storm drainage facilities in the area of Davis Avenue in North Laurel.	B	1,375	0	1,375	0	0	0	0	0	1,375	
	O	257	-28	229	0	0	0	0	0	229	
	P	5	0	5	0	0	0	0	0	5	
	Total	1,637	-28	1,609	0	0	0	0	0	0	1,609
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D1124-FY2007 DRAINAGE IMPROVEMENT PROGRAM A project for the design and construction of small to medium-sized drainage improvements requested by County residents and the Bureau of Highways.	B	3,625	0	3,625	250	0	550	0	0	4,425	
	O	10	0	10	0	0	0	0	0	10	
	P	250	0	250	0	0	0	0	0	250	
	S	1,175	0	1,175	0	0	0	0	0	1,175	
	Total	5,060	0	5,060	250	0	550	0	0	0	5,860
<hr/>											
D1125-FY2004 EMERGENCY STORM DRAIN RECONSTRUCTION A fund for Howard County to undertake construction or repairs to storm drainage facilities on an as-needed basis meeting the provisions of the County Code.	B	1,750	0	1,750	0	0	0	0	0	1,750	
	G	148	0	148	0	0	0	0	0	148	
	S	425	0	425	0	0	0	0	0	425	
	Total	2,323	0	2,323	0	0	0	0	0	0	2,323
	<hr/>										
D1140-FY2005 PINE TREE GLEN COURT STORM DRAIN SYSTEM A project for the design and construction of a storm drain system along Pine Tree Road, Glen Court, and Guilford Road.	B	3,080	0	3,080	0	0	0	0	0	3,080	
	S	240	0	240	0	0	0	0	0	240	
	Total	3,320	0	3,320	0	0	0	0	0	0	3,320
	<hr/>										
D1148-FY2007 NPDES WATERSHED MANAGEMENT PROGRAM A project for permitting and implementing the requirements of the National Pollutant Discharge Elimination System (NPDES) to detect and reduce pollutants in stormwater system discharges and to perform studies related to storm water utility financing.	B	3,780	0	3,780	0	0	0	0	0	3,780	
	O	300	300	600	500	0	0	0	0	1,100	
	OG	0	50	50	0	0	0	0	0	50	
	P	650	0	650	0	0	0	0	0	650	
	R	2,290	0	2,290	0	0	0	0	0	2,290	
	Total	7,020	350	7,370	500	0	0	0	0	0	7,870

Howard County, MD
FY 2023 Planning Board Capital Budget
STORM DRAINAGE PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
D1150-FY2005 HIGH RIDGE DRAINAGE	B	2,135	0	2,135	1,379	0	0	0	0	3,514
A project to design and construct storm drain improvements in the High Ridge area including, but not limited to: Old Scaggsville Road, Naylor Avenue, Hughes Avenue, Robinson Boulevard, Gross Avenue, Bryant Avenue, Grant Avenue, and Lyon Avenue.	Total	2,135	0	2,135	1,379	0	0	0	0	3,514
D1155-FY2006 LINCOLN DRIVE at CEDAR VIL PARK DRAINAGE	B	1,985	0	1,985	0	0	0	0	0	1,985
There is an inadequate drainage system to carry the runoff from the park side of the road to the outfall side of Lincoln Drive.	Total	1,985	0	1,985	0	0	0	0	0	1,985
D1158-FY2008 WATERSHED MANAGEMENT CONSTRUCTION	B	10,795	0	10,795	0	0	0	0	0	10,795
This project is for design and construction of stormwater facility improvements.	D	200	0	200	0	0	0	0	0	200
	G	12,397	0	12,397	0	0	0	0	0	12,397
	O	10,100	0	10,100	0	0	0	0	0	10,100
	P	1,000	0	1,000	0	0	0	0	0	1,000
	R	13,617	0	13,617	0	0	0	0	0	13,617
	S	850	0	850	0	0	0	0	0	850
	W	1,646	0	1,646	0	0	0	0	0	1,646
	Total	50,605	0	50,605	0	0	0	0	0	50,605
D1159-FY2007 STORMWATER MANAGEMENT FACILITY RECONSTRUC	B	15,690	0	15,690	0	0	0	0	0	15,690
A fund for Howard County to undertake construction or repairs to stormwater management on an as-needed basis meeting the provisions of the County Code.	G	200	0	200	0	0	0	0	0	200
	O	400	0	400	0	0	0	0	0	400
	R	18,350	0	18,350	0	0	0	0	0	18,350
	Total	34,640	0	34,640	0	0	0	0	0	34,640

Howard County, MD
FY 2023 Planning Board Capital Budget
STORM DRAINAGE PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
D1160-FY2010 STORMWATER MANAGEMENT RETROFITS	B	6,890	0	6,890	0	0	0	0	0	6,890
A project for the retrofit of stormwater management facilities to include water quality management.	G	4,495	0	4,495	0	0	0	0	0	4,495
	O	4,750	0	4,750	0	0	0	0	0	4,750
	R	4,900	0	4,900	0	0	0	0	0	4,900
	Total	21,035	0	21,035	0	0	0	0	0	21,035
D1161-FY2019 SHAFFERSVILLE ROAD CULVERT REPLACEMENT	B	250	0	250	0	900	0	0	0	1,150
A project to replace the existing culverts on Shaffersville Road (between Florence Road and Shaffers Mill Road) and on Shaffers Mill Road between Shaffersville Road and Florence Road.										
	Total	250	0	250	0	900	0	0	0	1,150
D1164-FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS	B	50	0	50	0	0	0	0	0	50
This project is for design and construction of Environmental Site Design (ESD) small scale storm water facilities.	O	400	400	800	400	0	0	0	0	1,200
	P	1,400	0	1,400	0	0	0	0	0	1,400
	R	3,250	0	3,250	0	0	0	0	0	3,250
	Total	5,100	400	5,500	400	0	0	0	0	5,900
D1165-FY2013 FLOOD MITIGATION and STORMWATER/WATERWAY ENHANCEMENT	B	4,200	0	4,200	0	0	0	0	0	4,200
This project is for the study, design, and construction of flood mitigation and stormwater/waterway enhancement efforts in downtown Ellicott City.	G	6,787	0	6,787	0	0	0	0	0	6,787
	O	5,400	0	5,400	0	0	0	0	0	5,400
	P	2,475	0	2,475	0	0	0	0	0	2,475
	R	2,400	0	2,400	0	0	0	0	0	2,400
	Total	21,262	0	21,262	0	0	0	0	0	21,262
D1168-FY2015 MORGAN WOODBINE ROAD SLOPE STABILIZATION	B	225	0	225	0	0	0	700	0	925
A project to design and construct stabilization of the roadway embankment of Morgan Woodbine Road adjacent to the South Branch of the Patapsco River.	Total	225	0	225	0	0	0	700	0	925

Howard County, MD
FY 2023 Planning Board Capital Budget
STORM DRAINAGE PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
D1169-FY2016 STORM DRAIN CULVERT REPLACEMENT PROGRAM	B	7,350	2,250	9,600	2,250	2,100	2,350	2,300	2,000	20,600
	Total	7,350	2,250	9,600	2,250	2,100	2,350	2,300	2,000	20,600
This program will provide for the repair and replacement of failed storm drain pipes and culverts.										
D1174-FY2016 SPRING GLEN DRAINAGE IMPROVEMENTS	B	515	0	515	0	0	0	0	0	515
	Total	515	0	515	0	0	0	0	0	515
A project to design and construct drainage improvements in the Spring Glen Community including but not limited to: Ivy Spring Road and Cross Ivy Road.										
D1175-FY-2018 VALLEY MEDE/CHATHAM FLOOD MITIGATION	B	4,200	0	4,200	0	0	0	0	0	4,200
	G	0	2,400	2,400	0	0	0	0	0	2,400
	O	2,900	0	2,900	0	0	0	0	0	2,900
	Total	7,100	2,400	9,500	0	0	0	0	0	9,500
This project is for the study, design and construction of flood mitigation and stormwater waterway improvement efforts in the Valley Mede and Chatham subwatersheds.										
D1176-WATERSHED MANAGEMENT CONSTRUCTION	G	3,800	5,000	8,800	1,000	1,000	0	0	0	10,800
	O	6,500	2,800	9,300	1,000	200	0	0	0	10,500
	OG	0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	12,000
	R	1,200	0	1,200	0	0	0	0	0	1,200
	Total	11,500	9,800	21,300	4,000	3,200	2,000	2,000	2,000	34,500
This project is for design and construction of stormwater facility improvements.										
D1177-STORMWATER MANAGEMENT FACILITY RECONSTRUCTION	B	200	0	200	0	0	0	0	0	200
	G	1,500	8,200	9,700	0	0	0	0	0	9,700
	O	13,700	6,400	20,100	4,600	1,500	0	0	0	26,200
	OG	0	2,100	2,100	2,000	2,000	2,000	2,000	2,000	12,100
	R	5,000	0	5,000	0	0	0	0	0	5,000
	Total	20,400	16,700	37,100	6,600	3,500	2,000	2,000	2,000	53,200
A fund for Howard County to undertake construction or repairs to stormwater management on an as-needed basis meeting the provisions of the County Code.										

Howard County, MD
FY 2023 Planning Board Capital Budget
STORM DRAINAGE PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
D1178-STORMWATER MANAGEMENT RETROFITS	B	0	0	0	1,100	1,100	1,100	1,100	1,100	5,500
A project for the retrofit of stormwater management facilities to include water quality management.	G	0	1,000	1,000	0	0	0	0	0	1,000
	O	2,700	0	2,700	0	0	0	0	0	2,700
	Total	2,700	1,000	3,700	1,100	1,100	1,100	1,100	1,100	9,200
D1179-FY2020 COURTHOUSE DRIVE CULVERT AND SLOPE REPAIR	B	150	150	300	0	0	0	0	0	300
A project to repair culvert, slope and roadway at existing 36-inch diameter culvert crossing on Courthouse Drive (1,200 LF east of Ellicott Mills Drive).	Total	150	150	300	0	0	0	0	0	300
D1180 - FY2021 TIBER WATERSHED IMPROVEMENTS	B	500	0	500	500	0	0	0	0	1,000
A project for the design and construction of varying sized drainage and stormwater management projects within the Tiber Watershed.	Total	500	0	500	500	0	0	0	0	1,000
D1181 - FY2021 PLUM TREE WATERSHED IMPROVEMENTS	B	400	0	400	400	0	0	0	0	800
A project for the design and construction of varying sized drainage and stormwater management projects within the Plum Tree Watershed.	Total	400	0	400	400	0	0	0	0	800
D1182-FY2021 ORCHARD RIDGE DRAINAGE IMPROVEMENTS	B	1,075	0	1,075	350	0	0	0	0	1,425
This project is for the design and construction of drainage and stormwater management improvements in the Orchard Ridge community.	Total	1,075	0	1,075	350	0	0	0	0	1,425

Howard County, MD
FY 2023 Planning Board Capital Budget
STORM DRAINAGE PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
D1183 - FY2023 VULNERABLE WATERSHED RESTORATION AND RESILIENCY	B	0	150	150	1,200	1,200	1,200	0	0	3,750
This project is for the assessment, design, and construction of restoration improvements in various neighborhoods throughout the County that are currently experiencing localized drainage issues.	G	0	1,250	1,250	0	0	0	0	0	1,250
	Total	0	1,400	1,400	1,200	1,200	1,200	0	0	5,000
STORM DRAINAGE PROJECTS Total		208,287	34,422	242,709	18,929	12,000	9,200	8,100	7,100	298,038

Howard County, MD
FY 2023 Planning Board Capital Budget (\$000)
STORM DRAINAGE PROJECTS

	Revenue Source	Prior Total	Current FY	Appropriation Total
B	BONDS	70,220	2,550	72,770
D	DEVELOPER CONTRIBUTION	200	0	200
G	GRANTS	29,327	17,850	47,177
OG	Other GO	0	4,150	4,150
O	OTHER SOURCES	47,417	9,872	57,289
P	PAY AS YOU GO	5,780	0	5,780
S	STORM DRAINAGE FUND	2,690	0	2,690
R	STORMWATER UTILITY FUNDING	51,007	0	51,007
W	WATER QUALITY STATE OR FED LOAN	1,646	0	1,646
Total		208,287	34,422	242,709

Howard County, MD
FY 2023 Planning Board 5 Year Capital Budget Project Type Summary
STORM DRAINAGE PROJECTS

Revenue Source		Prior Approp	Current FY	2024	2025	2026	2027	2028	Total
B	BONDS	70,220	2,550	7,429	5,300	5,200	4,100	3,100	97,899
D	DEVELOPER CONTRIBUTION	200	0	0	0	0	0	0	200
G	GRANTS	29,327	17,850	1,000	1,000	0	0	0	49,177
O	OTHER SOURCES	47,417	9,872	6,500	1,700	0	0	0	65,489
OG	Other GO	0	4,150	4,000	4,000	4,000	4,000	4,000	24,150
P	PAY AS YOU GO	5,780	0	0	0	0	0	0	5,780
R	STORMWATER UTILITY FUNDING	51,007	0	0	0	0	0	0	51,007
S	STORM DRAINAGE FUND	2,690	0	0	0	0	0	0	2,690
W	WATER QUALITY STATE OR FED LOAN	1,646	0	0	0	0	0	0	1,646
Total		208,287	34,422	18,929	12,000	9,200	8,100	7,100	298,038

Project: D1112-FY1997 DAVIS AVE AREA DRAINAGE IMPROVEMENTS

Description

This project is for the design and construction of storm drainage facilities in the area of Davis Avenue in North Laurel.

Justification

The existing storm drainage system is inadequate. Parts of the area were developed prior to the requirements for adequate storm drains and stormwater management facilities. Improvements will reduce flooding for Midway Village community downstream.

Remarks

1. A stormwater management pond has been built (Phase I). A storm drainage system and pond retrofit (Phase II) will be built.
2. OTHER funds are from County share of race track money.
3. The County has reached an agreement with the developer to construct the County storm drain improvements.

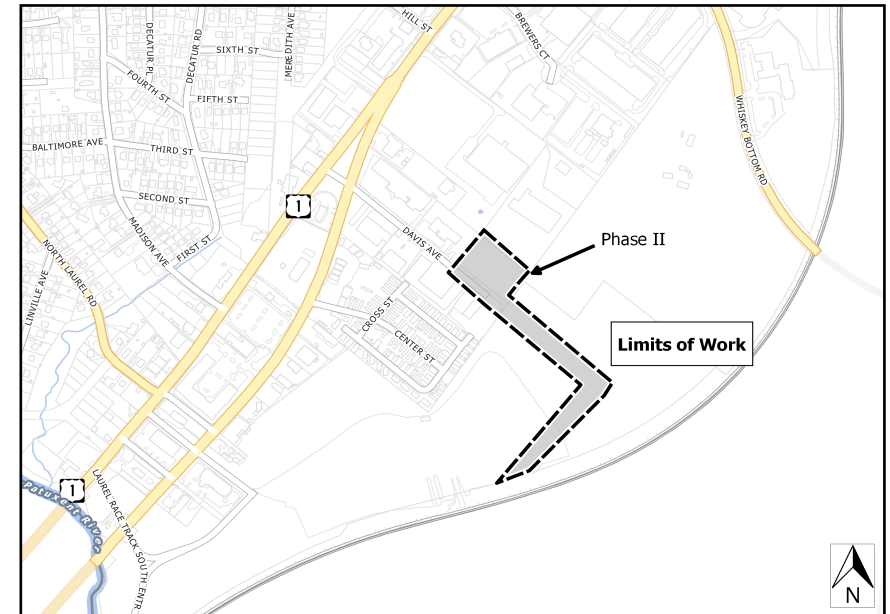
Project Schedule

FY23 - Project close

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1112-FY1997 DAVIS AVE AREA DRAINAGE IMPROVEMENTS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	190	0	190	0	0	0	0	0	0	0	0	0	0	190
LAND ACQUISITION	115	(28)	87	0	0	0	0	0	0	0	0	0	0	87
CONSTRUCTION	1,330	0	1,330	0	0	0	0	0	0	0	0	0	0	1,330
ADMINISTRATION	2	0	2	0	0	0	0	0	0	0	0	0	0	2
Total Expenditures	1,637	(28)	1,609	0	0	0	0	0	0	0	0	0	0	1,609
BONDS	1,375	0	1,375	0	0	0	0	0	0	0	0	0	0	1,375
OTHER SOURCES	257	(28)	229	0	0	0	0	0	0	0	0	0	0	229
PAY AS YOU GO	5	0	5	0	0	0	0	0	0	0	0	0	0	5
Total Funding	1,637	(28)	1,609	0	0	0	0	0	0	0	0	0	0	1,609

\$0 spent and encumbered through February 2022

\$1,493,069 spent and encumbered through February 2021

Project Status FY22 - Construction complete; project in the financial closeout process.

FY 2022 Budget	1,637	0	1,637	0	0	0	0	0	0	0	0	0		1,637
Difference 2022 / 2023	0	(28)	(28)	0	0	0	0	0	0	0	0	0	0	(28)

Race track funds being moved to alternative capital project.

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1124-FY2007 DRAINAGE IMPROVEMENT PROGRAM

Description

A project for the design and construction of small to medium-sized drainage improvements requested by County residents and the Bureau of Highways.

Justification

Create improved drainage to safely convey surface runoff, to stop flow onto residential properties or to protect the traveled way.

Remarks

1. SDFUND represents Storm Drainage developer contributions derived as a result of 16.133e of the County Code.
2. Construction of some projects may be dependent upon donation of the necessary easements and-or resident cost share participation.
3. After initial investigation, projects over \$250,000 in construction costs may be split out as a separate Capital Project.
4. OTHER funds are resident cost share.
5. Prior to FY20, project included assistance with debris removal and assessment of flood mitigation opportunities in the Allview area.

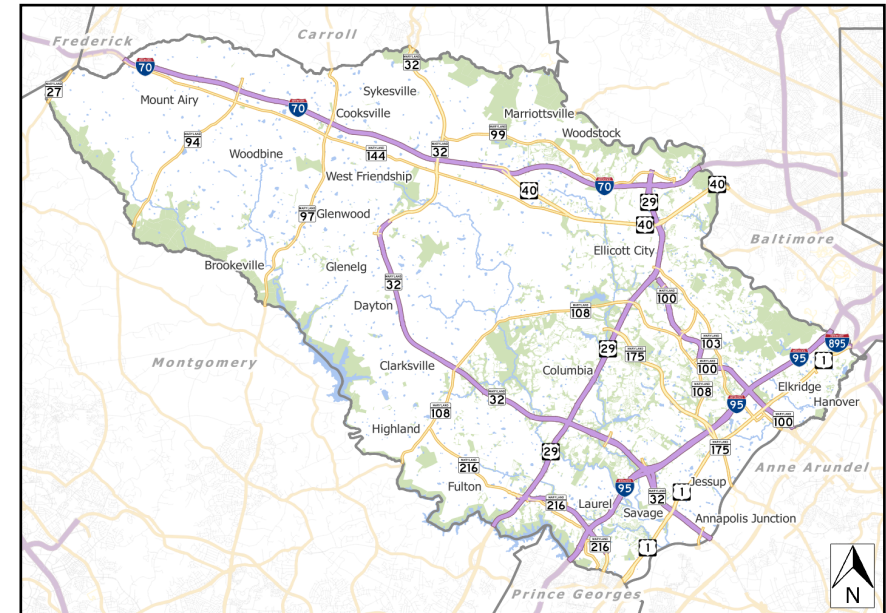
Project Schedule

Program

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Cost decrease reflects programming actual projects in out years.

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1124-FY2007 DRAINAGE IMPROVEMENT PROGRAM

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,675	0	1,675	40	0	120	0	0	160	0	0	0	0	1,835
LAND ACQUISITION	215	0	215	10	0	20	0	0	30	0	0	0	0	245
CONSTRUCTION	3,160	0	3,160	200	0	410	0	0	610	0	0	0	0	3,770
ADMINISTRATION	10	0	10	0	0	0	0	0	0	0	0	0	0	10
Total Expenditures	5,060	0	5,060	250	0	550	0	0	800	0	0	0	0	5,860
BONDS	3,625	0	3,625	250	0	550	0	0	800	0	0	0	0	4,425
OTHER SOURCES	10	0	10	0	0	0	0	0	0	0	0	0	0	10
PAY AS YOU GO	250	0	250	0	0	0	0	0	0	0	0	0	0	250
STORM DRAINAGE FUND	1,175	0	1,175	0	0	0	0	0	0	0	0	0	0	1,175
Total Funding	5,060	0	5,060	250	0	550	0	0	800	0	0	0	0	5,860

\$0 spent and encumbered through February 2022

\$3,376,460 spent and encumbered through February 2021

Project Status FY22 - There are several requests waiting to be started and will be addressed in turn as other work is completed.

Investigation underway: Sylvan Lane (N. of Church Rd), Hyla Brook, 11000 blk Triadelphia Rd.

Investigation complete: Watch Chain Way, Hale Haven improvements, Lime Kiln Rd Culvert, Gudel Drive, Windermere, Walker Drive, Deerfield, Harriett Tubman

Design and/or Land acquisition in progress: Globe Drive improvements, 7300 block of Montgomery Road easement.

Construction complete: Silent Moon Run, Winterbrook Lane, Woodside Court, Fels Lane, Ordway Drive, Frederick Rd Slope, Maple Rock Drive, Frederick Road slope, US 40 Landscaping, Little Patuxent and Allview Debris Removal, Cradlerock Way channel wall, Abel St (Phase I and 2), Montgomery Road, Patuxent Range Road, Beechfield Avenue.

FY 2022 Budget	5,060	0	5,060	250	0	550	0	0	800	0	0	0		5,860
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Project: D1125-FY2004 EMERGENCY STORM DRAIN RECONSTRUCTION

Description

A fund for Howard County to undertake construction or repairs to storm drainage facilities on an as-needed basis meeting the provisions of the County Code. This program is envisioned to provide rapid assistance in emergency situations.

Justification

Howard County Code Subtitle 5, Section 18.500, which mandated extensive County involvement in storm drainage.

Remarks

1. Construction of some projects may be dependent on donation of necessary easements and-or resident cost share participation.
2. SDFUND represents Storm Drainage developer contributions derived as a result of 16.133e of the County Code.
3. GRANT represents anticipated FEMA funding for Ellicott City.

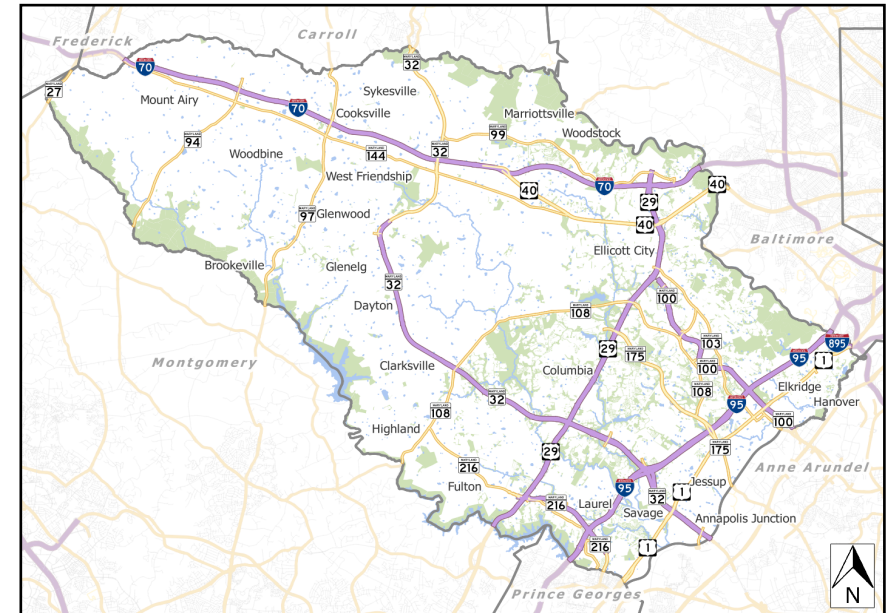
Project Schedule

Program

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1125-FY2004 EMERGENCY STORM DRAIN RECONSTRUCTION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	330	0	330	0	0	0	0	0	0	0	0	0	0	330
LAND ACQUISITION	90	0	90	0	0	0	0	0	0	0	0	0	0	90
CONSTRUCTION	1,878	0	1,878	0	0	0	0	0	0	0	0	0	0	1,878
ADMINISTRATION	25	0	25	0	0	0	0	0	0	0	0	0	0	25
Total Expenditures	2,323	0	2,323	0	0	0	0	0	0	0	0	0	0	2,323
BONDS	1,750	0	1,750	0	0	0	0	0	0	0	0	0	0	1,750
GRANTS	148	0	148	0	0	0	0	0	0	0	0	0	0	148
STORM DRAINAGE FUND	425	0	425	0	0	0	0	0	0	0	0	0	0	425
Total Funding	2,323	0	2,323	0	0	0	0	0	0	0	0	0	0	2,323

\$0 spent and encumbered through February 2022

\$1,403,504 spent and encumbered through February 2021

Project Status FY22 - Projects being addressed as needed.

Construction Complete: Toomey Lane storm drain (SD), Hidden Hollow Ct storm drain (SD), Walter Scott Way SD, Willow Brook Way sinkhole repair, Brightfield Road SD repairs, Henryton Rd. emergency repairs, Ellicott City emergency SD repairs, Hobbits Glen SD, Dorsey Run Tributary SD, Patuxent Range Rd. (Phase 1 and 2), Great Oaks outfall, New Country Lane outfall, Folly Quarter Rd. culvert, Sewall Ave., Danmark Dr., Golden Star Pl., Greenwood Pl.

Study Complete: Columbia Gateway pipes, Red Clover.

FY 2022 Budget	2,323	0	2,323	0	0	0	0	0	0	0	0	0		2,323
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Project: D1140-FY2005 PINE TREE GLEN COURT STORM DRAIN SYSTEM

Description

A project for the design and construction of a storm drain system along Pine Tree Road, Glen Court, and Guilford Road.

Justification

Currently surface runoff is picked up by roadside ditches which have little grade and water stagnates in them. During heavy storms, the residents experience flooding. This work is requested by the residents and recommended by the Bureau of Highways.

Remarks

1. Construction project may be dependent on donation of necessary easements and-or resident cost share participation.
2. Project to be coordinated with Phase I of K5040 - south side of Guilford Road.

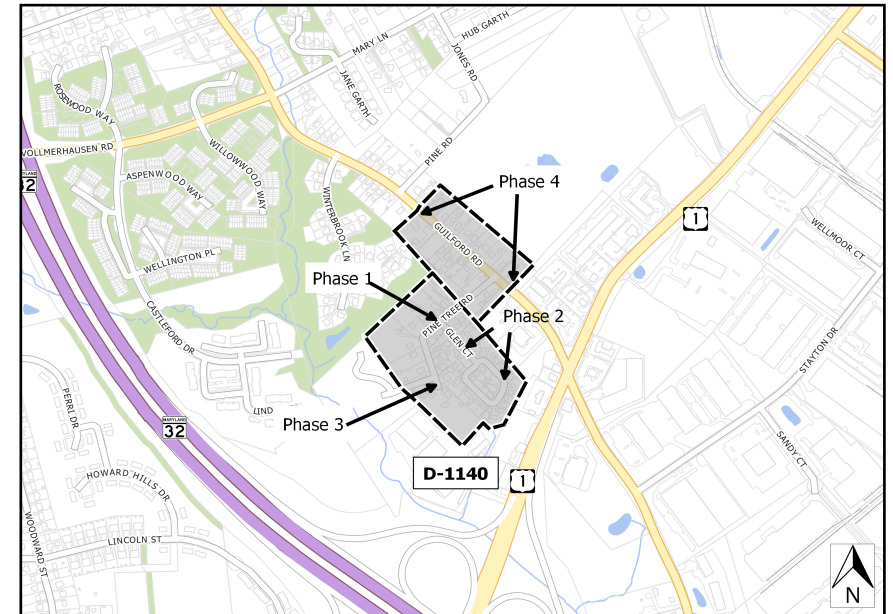
Project Schedule

- FY23 - Construction
- FY24 - Close

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1140-FY2005 PINE TREE GLEN COURT STORM DRAIN SYSTEM

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	615	0	615	0	0	0	0	0	0	0	0	0	0	615
LAND ACQUISITION	235	0	235	0	0	0	0	0	0	0	0	0	0	235
CONSTRUCTION	2,465	0	2,465	0	0	0	0	0	0	0	0	0	0	2,465
ADMINISTRATION	5	0	5	0	0	0	0	0	0	0	0	0	0	5
Total Expenditures	3,320	0	3,320	0	0	0	0	0	0	0	0	0	0	3,320
BONDS	3,080	0	3,080	0	0	0	0	0	0	0	0	0	0	3,080
STORM DRAINAGE FUND	240	0	240	0	0	0	0	0	0	0	0	0	0	240
Total Funding	3,320	0	3,320	0	0	0	0	0	0	0	0	0	0	3,320

\$0 spent and encumbered through February 2022

\$2,681,471 spent and encumbered through February 2021

Project Status FY22 - Design complete for Phase 4, north side. Land acquisition needed for (2) properties. Construction of Phases 1-3 is complete.

FY 2022 Budget	3,320	0	3,320	0	0	0	0	0	0	0	0	0		3,320
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Project: D1148-FY2007 NPDES WATERSHED MANAGEMENT PROGRAM

Description

A project for permitting and implementing the requirements of the National Pollutant Discharge Elimination System (NPDES) to detect and reduce pollutants in stormwater system discharges and to perform studies related to storm water utility financing.

Justification

This project is necessary to comply with the Federal Government's Clean Water Act.

Remarks

1. This project replaces Capital Project D1115.
2. A five-year renewal NPDES permit was issued by MDE in June 2005.
3. The County was issued a new five-year permit on December 18, 2014.
4. Other funding represents - A portion of funding generated from legislation CB-8 & CR21 for stormwater utility funding, known as Watershed Protection and Restoration fund.
5. OTHER GO represents funds provided to County through Intergovernmental Support Agreement (IGSA) with Fort Meade.

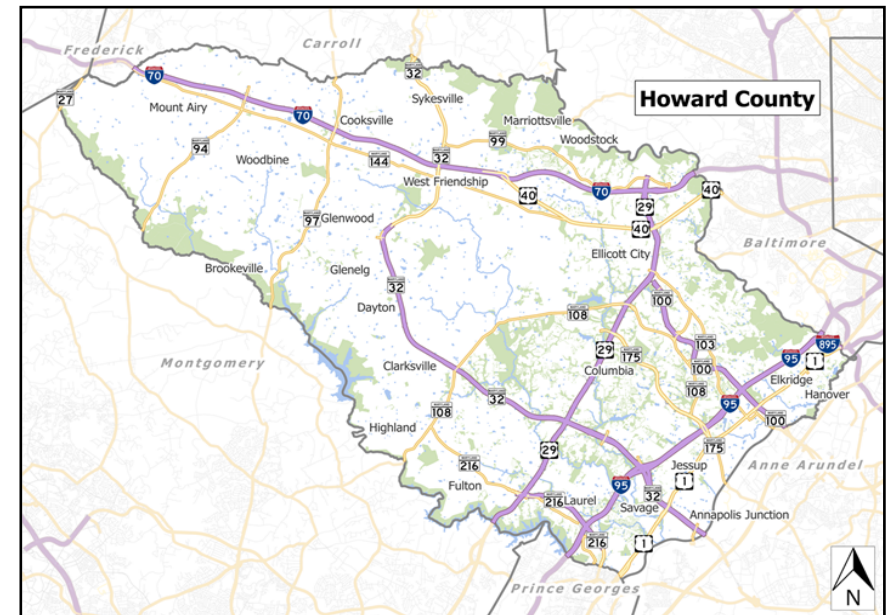
Project Schedule

FY23 - Perform work to assess and address Total Maximum Daily Loads (TMDL) and Watershed Implementation Plan (WIP) requirements to meet NPDES permit conditions.
 Continue database development for NPDES reporting requirements.
 Perform PCB and bacteria monitoring to address TMDL requirements.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Cost increase reflects additional effort to address permit conditions.

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1148-FY2007 NPDES WATERSHED MANAGEMENT PROGRAM

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	7,020	350	7,370	500	0	0	0	0	500	0	0	0	0	7,870
Total Expenditures	7,020	350	7,370	500	0	0	0	0	500	0	0	0	0	7,870
BONDS	3,780	0	3,780	0	0	0	0	0	0	0	0	0	0	3,780
OTHER SOURCES	300	300	600	500	0	0	0	0	500	0	0	0	0	1,100
PAY AS YOU GO	650	0	650	0	0	0	0	0	0	0	0	0	0	650
STORMWATER UTILITY FUNDING	2,290	0	2,290	0	0	0	0	0	0	0	0	0	0	2,290
Other GO	0	50	50	0	0	0	0	0	0	0	0	0	0	50
Total Funding	7,020	350	7,370	500	0	0	0	0	500	0	0	0	0	7,870

\$0 spent and encumbered through February 2022

\$6,176,711 spent and encumbered through February 2021

Project Status Performed Upper Little Patuxent Watershed Study. Prepared Watershed Treatment Model and generated input to State WIP II. Performed stormwater utility fund financing study. Performed site assessments for additional BMP implementation. Partially funded Alliance for the Chesapeake Bay (READY) grant. Design ESD BMPs at Rockburn Br. Park. Completed draft and final Countywide Implementation Strategy (CIS) for meeting TMDL commitments and impervious cover treatment requirements. Perform database creation and impervious cover baseline calculations for NPDES reporting requirements. Performed historical BMP cleanup to meet MDE requirements. Performed Little Patuxent & Middle Patuxent Watershed Assessments. Perform Patapsco and Patuxent River watershed assessments. Continued Point of Investigation assessment and reporting required by MDE. Prepared PCB TMDL implementation plan. Updated IDDE and BMP CRM databases. Performed modeling and pollutant load computations for annual report.

FY 2022 Budget	7,020	300	7,320	300	0	0	0	0	300	0	0	0		7,620
Difference 2022 / 2023	0	50	50	200	0	0	0	0	200	0	0	0	0	250

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1150-FY2005 HIGH RIDGE DRAINAGE

Description

A project to design and construct storm drain improvements in the High Ridge area including, but not limited to: Old Scaggsville Road, Naylor Avenue, Hughes Avenue, Robinson Boulevard, Gross Avenue, Bryant Avenue, Grant Avenue, and Lyon Avenue.

Justification

The High Ridge Community was initially developed before the current day standards for streets and drainage accommodations. The community has requested drainage improvements to the area.

Remarks

Construction project may be dependent on donation of necessary easements and-or resident cost share participation.

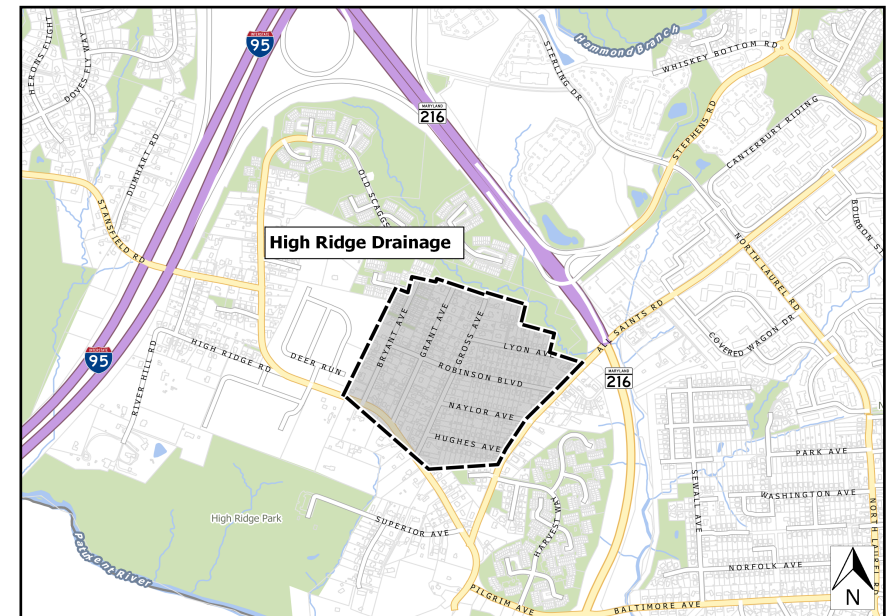
Project Schedule

FY23 - Land Acquisition (Robinson Blvd., Old Scaggsville, Hughes, Gross, All Saints and Lyon)
FY24 - Construction
FY25 - Complete and Close

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1150-FY2005 HIGH RIDGE DRAINAGE

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	955	0	955	(70)	0	0	0	0	(70)	0	0	0	0	885
LAND ACQUISITION	115	0	115	22	0	0	0	0	22	0	0	0	0	137
CONSTRUCTION	1,050	0	1,050	1,440	0	0	0	0	1,440	0	0	0	0	2,490
ADMINISTRATION	15	0	15	(13)	0	0	0	0	(13)	0	0	0	0	2
Total Expenditures	2,135	0	2,135	1,379	0	0	0	0	1,379	0	0	0	0	3,514
BONDS	2,135	0	2,135	1,379	0	0	0	0	1,379	0	0	0	0	3,514
Total Funding	2,135	0	2,135	1,379	0	0	0	0	1,379	0	0	0	0	3,514

\$0 spent and encumbered through February 2022

\$1,562,196 spent and encumbered through February 2021

Project Status FY22 - Construction complete for Robinson Blvd., Bryant Ave., Grant Ave. and Naylor Ave. Final design of drainage improvements to Old Scaggsville, Hughes, Gross, All Saints and Lyon complete. Land acquisition in progress.

FY 2022 Budget	2,135	0	2,135	0	0	0	0	0	0	0	0	0		2,135
Difference 2022 / 2023	0	0	0	1,379	0	0	0	0	1,379	0	0	0	0	1,379

None.

Project: D1155-FY2006 LINCOLN DRIVE at CEDAR VIL PARK DRAINAGE

Description

There is an inadequate drainage system to carry the runoff from the park side of the road to the outfall side of Lincoln Drive. Additional drainage facilities are needed along Cedar Avenue, Georgia Avenue and Wye Avenue.

Justification

The Bureau of Highways requested this project to reduce annual maintenance costs.

Remarks

Project has been split into two phases to move project due to right-of-way issues.

Phase 1 includes all work south of Georgia Avenue.

Phase 2 includes all other work, including work in vicinity of Wye Avenue.

Project Schedule

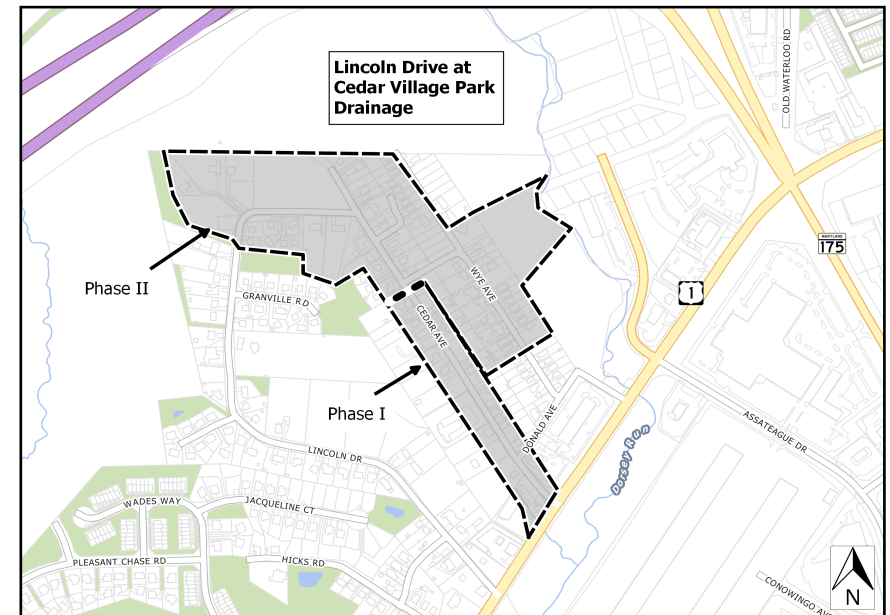
FY23 - Complete drainage improvement construction.

FY24 - Complete and Close.

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1155-FY2006 LINCOLN DRIVE at CEDAR VIL PARK DRAINAGE

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	170	0	170	0	0	0	0	0	0	0	0	0	0	170
LAND ACQUISITION	45	0	45	0	0	0	0	0	0	0	0	0	0	45
CONSTRUCTION	1,770	0	1,770	0	0	0	0	0	0	0	0	0	0	1,770
Total Expenditures	1,985	0	1,985	0	0	0	0	0	0	0	0	0	0	1,985
BONDS	1,985	0	1,985	0	0	0	0	0	0	0	0	0	0	1,985
Total Funding	1,985	0	1,985	0	0	0	0	0	0	0	0	0	0	1,985

\$0 spent and encumbered through February 2022

\$685,726 spent and encumbered through February 2021

Project Status FY22 - Construction in progress.

FY 2022 Budget	1,985	0	1,985	0	0	0	0	0	0	0	0	0		1,985
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1158-FY2008 WATERSHED MANAGEMENT CONSTRUCTION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	9,300	0	9,300	0	0	0	0	0	0	0	0	0	0	9,300
CONSTRUCTION	40,285	0	40,285	0	0	0	0	0	0	0	0	0	0	40,285
ADMINISTRATION	1,020	0	1,020	0	0	0	0	0	0	0	0	0	0	1,020
Total Expenditures	50,605	0	50,605	0	0	0	0	0	0	0	0	0	0	50,605
BONDS	10,795	0	10,795	0	0	0	0	0	0	0	0	0	0	10,795
DEVELOPER CONTRIBUTION	200	0	200	0	0	0	0	0	0	0	0	0	0	200
GRANTS	12,397	0	12,397	0	0	0	0	0	0	0	0	0	0	12,397
OTHER SOURCES	10,100	0	10,100	0	0	0	0	0	0	0	0	0	0	10,100
PAY AS YOU GO	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
STORM DRAINAGE FUND	850	0	850	0	0	0	0	0	0	0	0	0	0	850
WATER QUALITY STATE OR FED LOAN	1,646	0	1,646	0	0	0	0	0	0	0	0	0	0	1,646
STORMWATER UTILITY FUNDING	13,617	0	13,617	0	0	0	0	0	0	0	0	0	0	13,617
Total Funding	50,605	0	50,605	0	0	0	0	0	0	0	0	0	0	50,605

\$0 spent and encumbered through February 2022

\$48,591,274 spent and encumbered through February 2021

Project Status Des: Sunny Field, Wood Crest, Cherry Tree Farms, Wood Creek, NLCC, Glenmont, Old Willow, Gwynn Pk, Wharff, Yellowbell, Proudfoot Stonehouse, Mellen, Park. Con: Bramhope, Brightwood, Dower, Ducks Foot, Elmmede, Faulkner, Great Drum, Meadowbrook, Old Willow, Paul Mill, Red Hill, Stone Trail, Tall Maple, Threshfield, Tiller, Tuscany, Waverly Woods, Wheatfield, Whiterock, Windflower, Southview, Pinehurst, Dorsey Hall, Bonnie Br, Greenway, Davis Br, Swansfield, HCC, Churchill, Dobbin, Timbers of Troy, Dunloggin, Font Hill Bank, Heatherland, Starling, Woodlot, Maple Dell Farms.

FY 2022 Budget	50,605	0	50,605	0	0	0	0	0	0	0	0	0		50,605
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1159-FY2007 STORMWATER MANAGEMENT FACILITY RECONSTRUC

Description

A fund for Howard County to undertake construction or repairs to stormwater management on an as-needed basis meeting the provisions of the County Code. This program is envisioned to provide rapid assistance in emergency situations.

Justification

Howard County Code Section 18.900, which requires inspection and maintenance of storm water management facilities. Metal pipe pond barrels are deteriorating as they reach the end of their expected life and need to be repaired or replaced.

Remarks

1. GRANT funds include local implementation grant from the Chesapeake and Atlantic Coastal Bays 2010 Trust Fund.
2. A portion of prior request represents funding generated from legislation CB-8 & CR21 for stormwater utility funding, known as Watershed Protection and Restoration fund.
3. Construction of some projects may be dependent upon donation of the necessary easements and-or property owner cost share participation.
4. OTHER SOURCES represents Stormwater Bonds backed by Watershed Protection and Restoration fund.

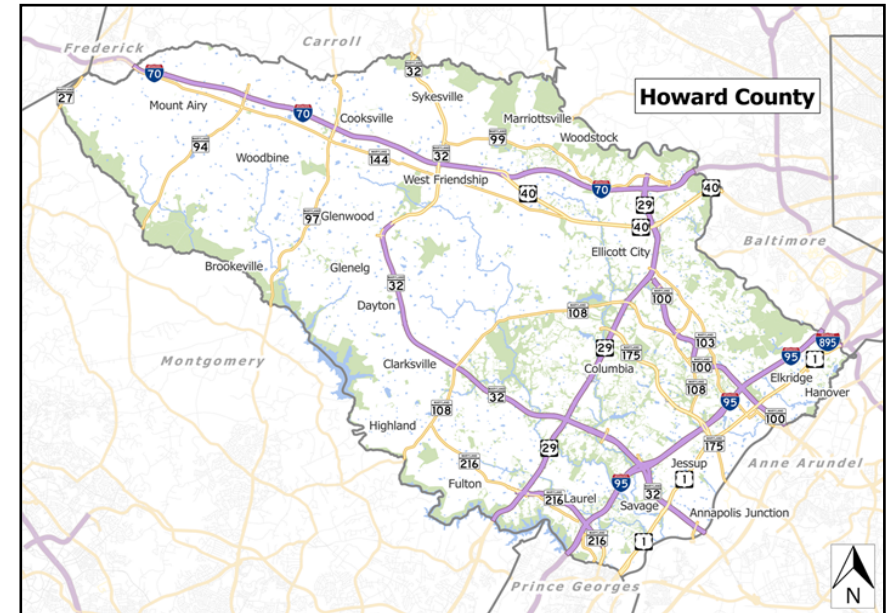
Project Schedule

FY23 - Project is in the financial close out process and is replaced by D1177.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1159-FY2007 STORMWATER MANAGEMENT FACILITY RECONSTRUC

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	5,500	0	5,500	0	0	0	0	0	0	0	0	0	0	5,500
CONSTRUCTION	28,125	0	28,125	0	0	0	0	0	0	0	0	0	0	28,125
ADMINISTRATION	1,015	0	1,015	0	0	0	0	0	0	0	0	0	0	1,015
Total Expenditures	34,640	0	34,640	0	0	0	0	0	0	0	0	0	0	34,640
BONDS	15,690	0	15,690	0	0	0	0	0	0	0	0	0	0	15,690
GRANTS	200	0	200	0	0	0	0	0	0	0	0	0	0	200
OTHER SOURCES	400	0	400	0	0	0	0	0	0	0	0	0	0	400
STORMWATER UTILITY FUNDING	18,350	0	18,350	0	0	0	0	0	0	0	0	0	0	18,350
Total Funding	34,640	0	34,640	0	0	0	0	0	0	0	0	0	0	34,640

\$0 spent and encumbered through February 2022

\$34,269,697 spent and encumbered through February 2021

Project Status Designed: 82 pond repairs

Constructed: Red Clover Dam; Willow Brook; West Zone Highways Shop pond; Rockburn 2; Dunteachin pond; Cromwell Court; Falling Waters; Stratford Downs; Hickory Ridge Village Center; Gateway pond; Shadow Lane repair and dredging; Hickory Ridge LPP; Samuel Morse; Ivy Terrace infiltration; Bonnie Brae; Emily Fox; Bill Lilly; Cypress Bay Court; Lynn Buff; Beech Creek 2; Brightfield; Turf Valley Overlook pond 2; Weston Drive; Blue February; Chestnut Farms outfall; Wimbledon Court; Wetherburn; Angelas Valley; 10 trashrack replacements; Rhode Valley; Emily Fox Ct; Old Mill; Towering Oaks; North Laurel pipe repair; Red Cravat repair and dredging; Glenshire Town; Northgate Woods; Murray Hill 2; Mary Lee Lane; Montgomery Run Pond 2; Winding Star; Longridge Knolls; River Hill 2; River Hill 3; Long Meadow pond; Long Meadow pond 2; North Ridge; Rusty Rim; Sweet Hours; Townhomes of Timberland; Velvet Path; Junction Industrial Park; Fairest Dream; Golden Star 1 and 2; Linden Chapel; Twin Oaks; Terra Maria; Beech Creek; Glenmar Section 2; Many Miles Mew; Kings Meade; Blue River; Diversified Lane.

FY 2022 Budget	34,640	0	34,640	0	0	0	0	0	0	0	0	0	0	34,640
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: D1160-FY2010 STORMWATER MANAGEMENT RETROFITS

Description

A project for the retrofit of stormwater management facilities to include water quality management.

Justification

Numerous facilities built in the early period of stormwater management provide only water quality management. Howard County's Stormwater Management NPDES permit requires the County to improve water quality, in part, through retrofitting existing facilities designed only for water quality management.

Remarks

1. This project replaces D-1141.
2. Grant funds included from the American Recovery and Reinvestment Act and local implementation grant from Chesapeake and Atlantic Coastal Bays 2010 Trust Fund.
3. OTHER SOURCES represent Stormwater Bonds backed by Watershed Protection and Restoration fund, plus funds provided to County through Memorandum of Understanding of cost sharing.
4. Construction of some projects may be dependent upon donation of the necessary easements and-or property owner cost share participation.

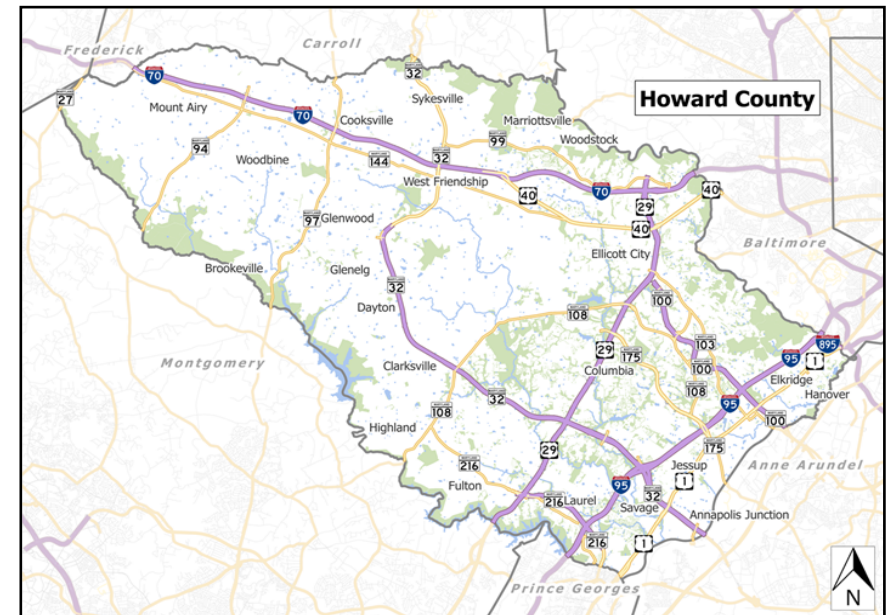
Project Schedule

FY22 - Project is in the financial close out process and will be replaced by D1178.

Operating Budget Impact

Technical-administrative management support.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1160-FY2010 STORMWATER MANAGEMENT RETROFITS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	4,990	0	4,990	0	0	0	0	0	0	0	0	0	0	4,990
CONSTRUCTION	15,425	0	15,425	0	0	0	0	0	0	0	0	0	0	15,425
ADMINISTRATION	620	0	620	0	0	0	0	0	0	0	0	0	0	620
Total Expenditures	21,035	0	21,035	0	0	0	0	0	0	0	0	0	0	21,035
BONDS	6,890	0	6,890	0	0	0	0	0	0	0	0	0	0	6,890
GRANTS	4,495	0	4,495	0	0	0	0	0	0	0	0	0	0	4,495
OTHER SOURCES	4,750	0	4,750	0	0	0	0	0	0	0	0	0	0	4,750
STORMWATER UTILITY FUNDING	4,900	0	4,900	0	0	0	0	0	0	0	0	0	0	4,900
Total Funding	21,035	0	21,035	0	0	0	0	0	0	0	0	0	0	21,035

\$0 spent and encumbered through February 2022

\$19,216,217 spent and encumbered through February 2021

Project Status In Design: Quaker Mill Court; Wood Crest Drive; Country Meadows; Patapsco Park Estates; Sewells Orchard; Junction Industrial Parcel R.
 Constructed: Lynwood Manor; Deep Earth Lane; Recreation and Parks HQ; Turf Valley Overlook Pond 3; Rockburn Branch Park; Country Lane (2 ponds); Oak West Drive; Wilde Lake HS; Turf Valley Overlook pond 2; Whitworth Way; Wimbledon Court; Stevens Forest ES; Dorsey Hall Village Center; Mt Hebron High School; Cedar Lane Park; Baltimore-Washington Industrial Park; Howard County Center for the Arts; St Johns Green; River Hill Shallow Marsh; Dorsey Building Parking Lot; Atholton Park; Ashmede Road pond; Salterforth ponds 1 and 2; Students Branching Out tree planting; Garland Road; Heritage Woods; Governor Martin outfall; Waiting Springs; Ellicott View; Ashton Woods; Trinity School..

FY 2022 Budget	21,035	0	21,035	0	0	0	0	0	0	0	0	0		21,035
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: D1161-FY2019 SHAFFERSVILLE ROAD CULVERT REPLACEMENT

Description

A project to replace the existing culverts on Shaffersville Road (between Florence Road and Shaffers Mill Road) and on Shaffers Mill Road between Shaffersville Road and Florence Road.

Justification

Requested by the Bureau of Highways. The existing culvert floods regularly necessitating the closure of the road. This is a maintenance problem for the Bureau of Highways and an inconvenience to the traveling public.

Remarks

Shaffersville Road and Shaffers Mill Road are scenic roads.

Project Schedule

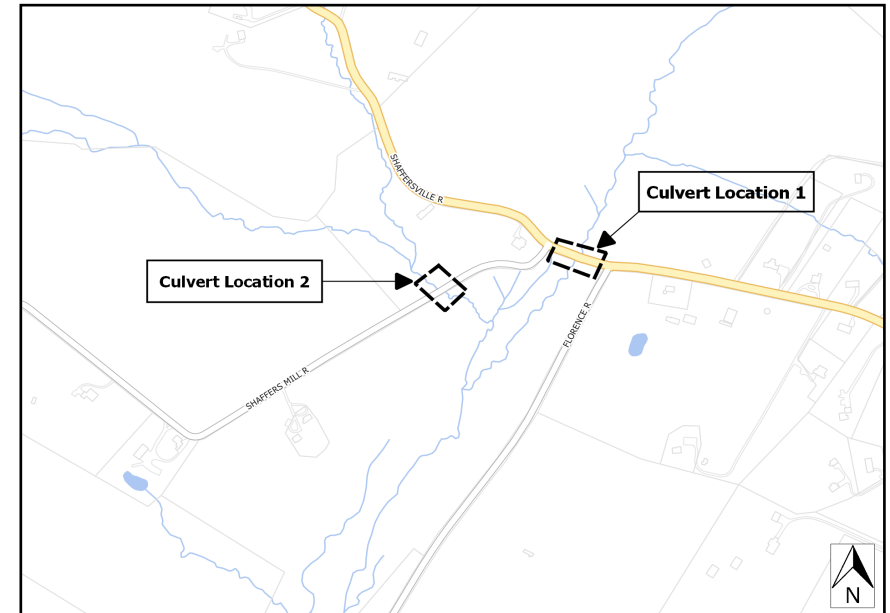
FY22 - Design and Land Acquisition

FY23 - Construction

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

The total project cost has changed resulting from the addition of a second culvert location to the project.

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1161-FY2019 SHAFFERSVILLE ROAD CULVERT REPLACEMENT

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	175	0	175	0	0	0	0	0	0	0	0	0	0	175
LAND ACQUISITION	75	0	75	0	0	0	0	0	0	0	0	0	0	75
CONSTRUCTION	0	0	0	0	900	0	0	0	900	0	0	0	0	900
Total Expenditures	250	0	250	0	900	0	0	0	900	0	0	0	0	1,150
BONDS	250	0	250	0	900	0	0	0	900	0	0	0	0	1,150
Total Funding	250	0	250	0	900	0	0	0	900	0	0	0	0	1,150

\$0 spent and encumbered through February 2022

\$54,106 spent and encumbered through February 2021

Project Status FY22 - Shaffers Mill Road replacement culverts construction is complete.

FY 2022 Budget	250	0	250	0	900	0	0	0	900	0	0	0		1,150
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Project: D1164-FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS

Description

This project is for design and construction of Environmental Site Design (ESD) small scale storm water facilities. The project will include retrofit of County owned roads, as well as, incentives for property owners to install ESD facilities and non-turf landscape alternatives to provide treatment of storm water runoff from impervious surfaces on their property.

Justification

Additional treatment of storm water runoff is needed to support efforts consistent with the Chesapeake Bay Total Maximum Daily Load for nitrogen and phosphorus established in 2010 by the US EPA. These requirements are further specified in Maryland's Phase II Watershed Implementation Plan, as well as, the Municipal Separate Storm Sewer discharge (MS4) permit issued to Howard County, both issued by the Maryland Department of the Environment in support of the TMDL.

Remarks

1. Participation by residents and landscape service companies will be encouraged by outreach and education efforts and by cost sharing ESD implementation and landscaping modifications with property owners.
2. OTHER funding represents - A portion of current request represents funding to be generated from legislation CB-8 & CR21 for stormwater utility funding, known as Watershed Protection and Restoration fund.
3. Construction of some projects may be dependent upon donation of the necessary easements and-or property owner cost share participation.

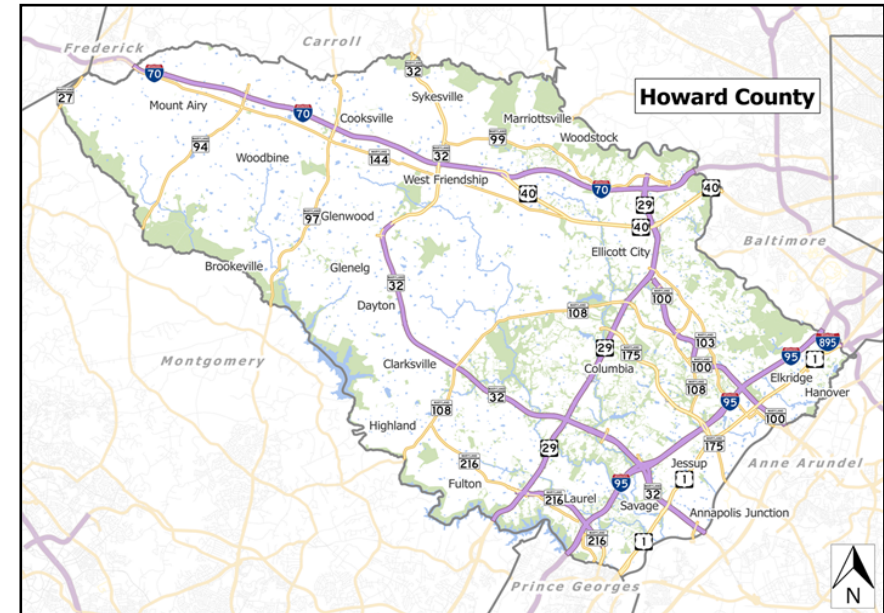
Project Schedule

FY23 - Provide additional funding for Howard EcoWorks, formerly READY.

Operating Budget Impact

No Operating Impact.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1164-FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	700	0	700	0	0	0	0	0	0	0	0	0	0	700
CONSTRUCTION	4,400	400	4,800	400	0	0	0	0	400	0	0	0	0	5,200
Total Expenditures	5,100	400	5,500	400	0	0	0	0	400	0	0	0	0	5,900
BONDS	50	0	50	0	0	0	0	0	0	0	0	0	0	50
OTHER SOURCES	400	400	800	400	0	0	0	0	400	0	0	0	0	1,200
PAY AS YOU GO	1,400	0	1,400	0	0	0	0	0	0	0	0	0	0	1,400
STORMWATER UTILITY FUNDING	3,250	0	3,250	0	0	0	0	0	0	0	0	0	0	3,250
Total Funding	5,100	400	5,500	400	0	0	0	0	400	0	0	0	0	5,900

\$0 spent and encumbered through February 2022

\$4,475,000 spent and encumbered through February 2021

Project Status Provided partial funding for READY grant, a.k.a. Howard EcoWorks.

Performed concept grading, soil borings, and survey for Ellicott City Parking Lot E.

Performed design & construction for Savage Library water quality enhancements.

Howard EcoWorks performed BMP maintenance and construction of rain gardens and bioretention areas. Also, post storm Safe & Sound debris assessment and removal.

FY 2022 Budget	5,100	400	5,500	400	0	0	0	0	400	0	0	0		5,900
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1165-FY2013 FLOOD MITIGATION and STORMWATER/WATERWAY ENHANCEMENT

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	2,825	0	2,825	0	0	0	0	0	0	0	0	0	0	2,825
LAND ACQUISITION	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
CONSTRUCTION	17,187	0	17,187	0	0	0	0	0	0	0	0	0	0	17,187
ADMINISTRATION	250	0	250	0	0	0	0	0	0	0	0	0	0	250
Total Expenditures	21,262	0	21,262	0	0	0	0	0	0	0	0	0	0	21,262
BONDS	4,200	0	4,200	0	0	0	0	0	0	0	0	0	0	4,200
GRANTS	6,787	0	6,787	0	0	0	0	0	0	0	0	0	0	6,787
OTHER SOURCES	5,400	0	5,400	0	0	0	0	0	0	0	0	0	0	5,400
PAY AS YOU GO	2,475	0	2,475	0	0	0	0	0	0	0	0	0	0	2,475
STORMWATER UTILITY FUNDING	2,400	0	2,400	0	0	0	0	0	0	0	0	0	0	2,400
Total Funding	21,262	0	21,262	0	0	0	0	0	0	0	0	0	0	21,262

\$0 spent and encumbered through February 2022

\$17,243,848 spent and encumbered through February 2021

Project Status Preliminary assessment - Howard Bldg and Court House parking lot SWM, Emory St|Church Rd|Maryland Ave|St Paul St drainage improvement.

Design initiated - Historic Colored School slope repair, Pond T1, 8600 Main Street culvert.

Construction completed - Parking Lot B WQ improvements, Parking Lot E, Ellicott Mills Dr culvert, New Cut Road slope repair, Lot F channel stabilization. Post July 2016 Flood Damage Repairs - Maplewood pond, Ellicott Mills Brewery wall, Precious Gifts wall, Hi Ho Silver wall, Lot E to Lot F wall, 8659 Main St, Parking Lot E NE corner wall, Main St wall at 84-inch culvert, stream channel woody debris removal.

Studies - 2D H&H model after TS Lee, July 2016, May 2018 flood events, Tiber Branch Watershed, Corps of Engineers Floodproofing Report.

FY 2022 Budget	21,262	0	21,262	0	0	0	0	0	0	0	0	0		21,262
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1. TAO 1-2017 transferred \$550,000 Grant revenue to D1158. 2. CB 3-2017 added \$1,700,000 in Pay as you Go funding for unanticipated expenses related to Ellicott City flood response and recovery efforts.

Project: D1168-FY2015 MORGAN WOODBINE ROAD SLOPE STABILIZATION

Description

A project to design and construct stabilization of the roadway embankment of Morgan Woodbine Road adjacent to the South Branch of the Patapsco River.

Justification

The roadway embankment is being eroded by the force of the river adjacent to the roadway. Previous attempts to stabilize the embankment have only been successful on a temporary basis. This project will develop a permanent stabilization. Project requested by the Bureau of Highways.

Remarks

Ongoing slope monitoring.

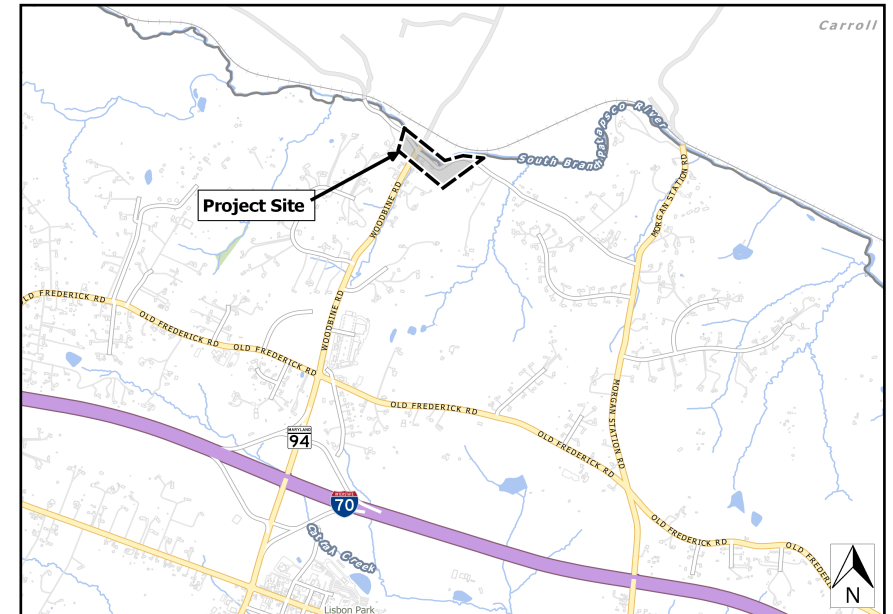
Project Schedule

FY27 - Construction

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1168-FY2015 MORGAN WOODBINE ROAD SLOPE STABILIZATION

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	200	0	200	0	0	0	50	0	50	0	0	0	0	250
LAND ACQUISITION	25	0	25	0	0	0	0	0	0	0	0	0	0	25
CONSTRUCTION	0	0	0	0	0	0	650	0	650	0	0	0	0	650
Total Expenditures	225	0	225	0	0	0	700	0	700	0	0	0	0	925
BONDS	225	0	225	0	0	0	700	0	700	0	0	0	0	925
Total Funding	225	0	225	0	0	0	700	0	700	0	0	0	0	925

\$0 spent and encumbered through February 2022

\$112,466 spent and encumbered through February 2021

Project Status FY22 - Design complete. Land acquisition in progress.

FY 2022 Budget	225	0	225	0	0	0	700	0	700	0	0	0		925
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1169-FY2016 STORM DRAIN CULVERT REPLACEMENT PROGRAM

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	500	0	500	0	0	0	0	0	0	0	0	0	0	500
CONSTRUCTION	6,850	2,250	9,100	2,250	2,100	2,350	2,300	2,000	11,000	2,000	2,000	2,000	2,000	28,100
Total Expenditures	7,350	2,250	9,600	2,250	2,100	2,350	2,300	2,000	11,000	2,000	2,000	2,000	2,000	28,600
BONDS	7,350	2,250	9,600	2,250	2,100	2,350	2,300	2,000	11,000	2,000	2,000	2,000	2,000	28,600
Total Funding	7,350	2,250	9,600	2,250	2,100	2,350	2,300	2,000	11,000	2,000	2,000	2,000	2,000	28,600

\$0 spent and encumbered through February 2022

\$4,555,188 spent and encumbered through February 2021

Project Status

FY 2022 Budget	7,350	2,250	9,600	2,250	2,100	2,350	2,300	2,000	11,000	2,000	2,000	2,000		26,600
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	2,000	2,000

Project: D1174-FY2016 SPRING GLEN DRAINAGE IMPROVEMENTS

Description

A project to design and construct drainage improvements in the Spring Glen Community including but not limited to: Ivy Spring Road and Cross Ivy Road. The improvements to be considered include adding curb & gutter with storm drains and filling in the swales.

Justification

This community was built in the early 2000s using the new storm drainage design for subdivisions. The roads are narrow and open section (no curb & gutter). The plowing of snow tears up the adjacent grass areas. The yards have deep swales and are difficult to maintain.

The improvements were requested by the Homeowners Association and the Bureau of Highways.

Remarks

Project construction is contingent upon dedication of drainage easements from affected property owners.

Project Schedule

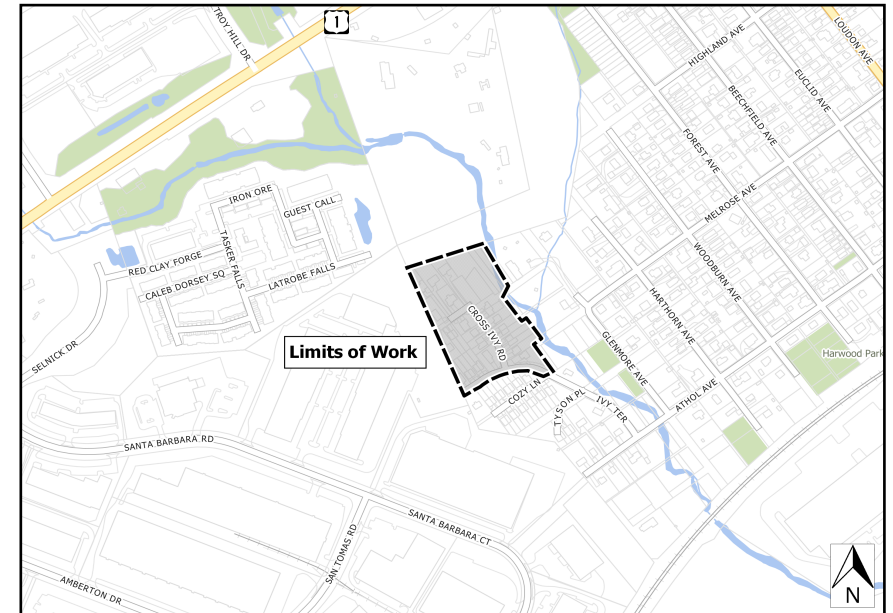
FY23 - Land Acquisition and Construction

FY24 - Construction

Operating Budget Impact

Estimated annual maintenance costs upon completion: Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1174-FY2016 SPRING GLEN DRAINAGE IMPROVEMENTS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	150	0	150	0	0	0	0	0	0	0	0	0	0	150
LAND ACQUISITION	15	0	15	0	0	0	0	0	0	0	0	0	0	15
CONSTRUCTION	350	0	350	0	0	0	0	0	0	0	0	0	0	350
Total Expenditures	515	0	515	0	0	0	0	0	0	0	0	0	0	515
BONDS	515	0	515	0	0	0	0	0	0	0	0	0	0	515
Total Funding	515	0	515	0	0	0	0	0	0	0	0	0	0	515

\$0 spent and encumbered through February 2022

\$71,147 spent and encumbered through February 2021

Project Status FY22 - Design complete. Land acquisition in progress (3 of 13 affected properties have agreed).

FY 2022 Budget	515	0	515	0	0	0	0	0	0	0	0	0		515
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Project: D1175-FY-2018 VALLEY MEDE/CHATHAM FLOOD MITIGATION

Description

This project is for the study, design and construction of flood mitigation and stormwater waterway improvement efforts in the Valley Mede and Chatham subwatersheds. Projects may include drainage improvements, stormwater retrofits, flood control, stream improvements, and design of additional drainage facilities.

Justification

Valley Mede and Chatham subwatersheds have the potential to suffer significant flood damage.

Remarks

1. Future years, once projects cost-benefits determined, apply for FEMA grants
2. OTHER SOURCES represents Stormwater Bonds backed by Watershed Protection and Restoration fund, plus funds provided to County through Memorandums of Understanding for cost sharing with MD State Highway Administration.
3. GRANT funds include State Bond Bill.
4. Construction of some projects may be dependent upon donation of the necessary easements and-or property owner cost share participation.

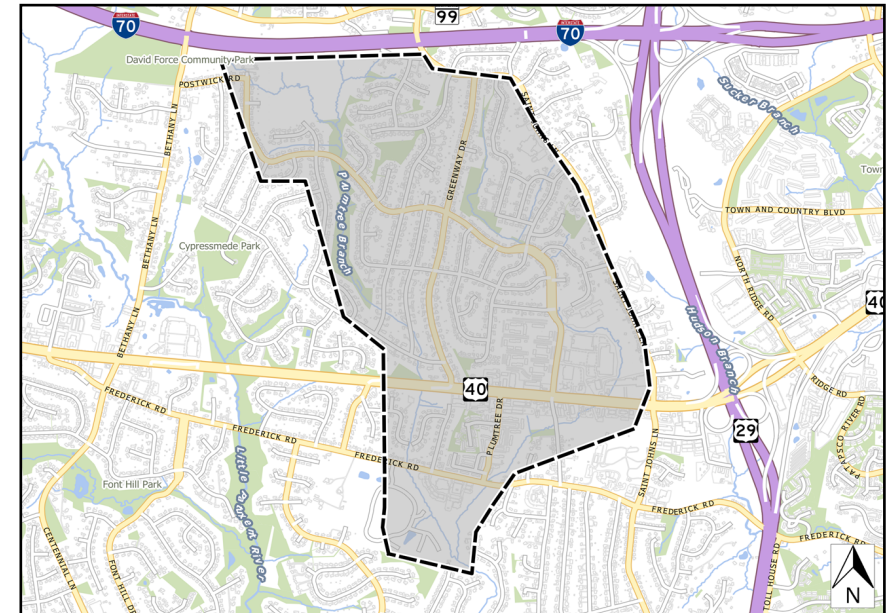
Project Schedule

FY23– Continue design and construction of projects identified in Plumtree-Little Plumtree study including North Chatham Rd drainage project (MSHA cost share), Michaels Way drainage improvements, and Valley Mede culvert upgrades.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

FY21 budget projection includes funding construction in FY22 for projects under design and permitting in FY21.

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1175-FY-2018 VALLEY MEDE/CHATHAM FLOOD MITIGATION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	950	0	950	0	0	0	0	0	0	0	0	0	0	950
LAND ACQUISITION	2,500	0	2,500	0	0	0	0	0	0	0	0	0	0	2,500
CONSTRUCTION	3,600	2,400	6,000	0	0	0	0	0	0	0	0	0	0	6,000
ADMINISTRATION	50	0	50	0	0	0	0	0	0	0	0	0	0	50
Total Expenditures	7,100	2,400	9,500	0	0	0	0	0	0	0	0	0	0	9,500
BONDS	4,200	0	4,200	0	0	0	0	0	0	0	0	0	0	4,200
GRANTS	0	2,400	2,400	0	0	0	0	0	0	0	0	0	0	2,400
OTHER SOURCES	2,900	0	2,900	0	0	0	0	0	0	0	0	0	0	2,900
Total Funding	7,100	2,400	9,500	0	0	0	0	0	0	0	0	0	0	9,500

\$0 spent and encumbered through February 2022

\$4,036,271 spent and encumbered through February 2021

Project Status Constructed Longview stream project and Greenway Drive storm drain improvements.

Design Paulskirk Drive, Greenway Drive, Michaels Way storm drain improvements.

Assess Valley Mede roadway culverts and begin design.

Assess North Chatham channel and drainage improvements and begin design.

Acquired 9509, 9513 and 9514 Longview Drive and 9520 Frederick Road and removed houses. Acquired 9506 Longview Drive.

FY 2022 Budget	7,100	0	7,100	0	0	0	0	0	0	0	0	0		7,100
Difference 2022 / 2023	0	2,400	2,400	0	0	0	0	0	0	0	0	0	0	2,400

TAO #1-2019 transfers in \$1,000,000. FY20 budget request increased slightly from what was projected for FY20 in the FY19 budget request due to the identification of specific projects and initial design work performed during FY19.

Project: D1176-WATERSHED MANAGEMENT CONSTRUCTION

Description

This project is for design and construction of stormwater facility improvements. The project will include NPDES stormwater management implementation requirements, floodplain studies, including retrofitting of stormwater management ponds, restoration and certification of detention basins, continued improvement of flood alert systems, streambank restoration including bio-engineering, water quality devices (such as wetlands), storm drainage and storm drain outfall stabilization, channel restoration and water quality monitoring studies.

Justification

1. NPDES Program is required by EPA and MDE under the Clean Water Act.
2. Watershed management of floodplains is needed to provide additional protection for older communities.
3. Erosion of tributaries of the Patapsco and Patuxent Rivers needs to be addressed.

Remarks

1. This project replaces D-1158.
2. GRANT funds include local implementation grant from Chesapeake and Atlantic Coastal Bays 2010 Trust Fund, State Bond Bills, and FEMA.
3. A portion of current request represents funding to be generated from legislation CB-8 and CR21 for stormwater utility funding, known as Watershed Protection and Restoration fund.
4. OTHER SOURCES represent Stormwater Bonds backed by Watershed Protection and Restoration fund.
5. OTHER GO represents funds provided to County through Memorandums of Understandings for cost sharing and through Intergovernmental Support Agreement (IGSA) with Fort Meade.
6. Construction of some projects may be dependent upon donation of the necessary easements and/or property owner cost share participation.

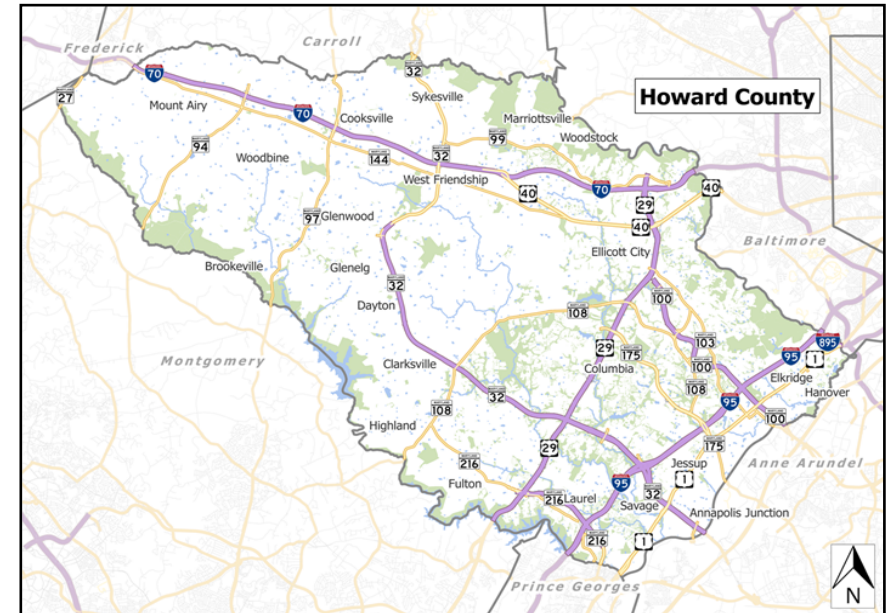
Project Schedule

FY23 Constructions: Mellen Court, Woodcrest Drive, Ashbrook Drive, Wharff Lane, Stonehouse Drive, Ducksfoot Lane, Woodland Road, North Laurel Park, Wood Creek.
 Post Construction Monitoring: Multiple sites.
 Storm Drain Verification & GIS update.
 Design: New Cut Road and Sweet Hours streams.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1176-WATERSHED MANAGEMENT CONSTRUCTION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,500	600	2,100	200	0	0	0	0	200	0	0	0	0	2,300
LAND ACQUISITION	100	200	300	0	0	0	0	0	0	0	0	0	0	300
CONSTRUCTION	9,800	9,000	18,800	3,800	3,200	2,000	2,000	2,000	13,000	0	0	0	0	31,800
ADMINISTRATION	100	0	100	0	0	0	0	0	0	0	0	0	0	100
Total Expenditures	11,500	9,800	21,300	4,000	3,200	2,000	2,000	2,000	13,200	0	0	0	0	34,500
GRANTS	3,800	5,000	8,800	1,000	1,000	0	0	0	2,000	0	0	0	0	10,800
OTHER SOURCES	6,500	2,800	9,300	1,000	200	0	0	0	1,200	0	0	0	0	10,500
STORMWATER UTILITY FUNDING	1,200	0	1,200	0	0	0	0	0	0	0	0	0	0	1,200
Other GO	0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	10,000	0	0	0	0	12,000
Total Funding	11,500	9,800	21,300	4,000	3,200	2,000	2,000	2,000	13,200	0	0	0	0	34,500

\$0 spent and encumbered through February 2022

\$3,241,009 spent and encumbered through February 2021

Project Status New capital project to replace D1158.

Design initiated – Bonnie Branch Phase 2, and New Cut Road,

Construction initiated – Woodcrest Drive, Mellen Court, Ashbrook Drive, Wharff Lane. Post construction monitoring performed for multiple projects.

Construction complete – Pirch Way, Valley Road storm drain, Cherry Tree Farms, Sucker Branch Trib 2|5, Old Willow Way Phase 2.

FY 2022 Budget	11,500	3,200	14,700	2,000	1,200	0	0	0	3,200	0	0	0		17,900
Difference 2022 / 2023	0	6,600	6,600	2,000	2,000	2,000	2,000	2,000	10,000	0	0	0	0	16,600

Project: D1177-STORMWATER MANAGEMENT FACILITY RECONSTRUCTION

Description

A fund for Howard County to undertake construction or repairs to stormwater management on an as-needed basis meeting the provisions of the County Code. This program is envisioned to provide rapid assistance in emergency situations.

Justification

Howard County Code Section 18.900, which requires inspection and maintenance of storm water management facilities. Metal pipe pond barrels are deteriorating as they reach the end of their expected life and need to be repaired or replaced. Sediment that has accumulated in ponds needs to be dredged.

Remarks

1. This project replaces D-1159.
2. A portion of current request represents funding to be generated from legislation CB-8 & CR21 for stormwater utility funding, known as Watershed Protection and Restoration fund.
3. Construction of some projects many be dependent upon donation of the necessary easements and-or property owner cost share participation.
4. OTHER SOURCES represents Stormwater Bonds backed by Watershed Protection and Restoration fund.
5. OTHER GO represents funds provided to County through Memorandums of Understanding for cost shares and through Intergovernmental Support Agreement (IGSA) with Fort Meade.
6. GRANTS represents funds provided through American Rescue Plan and State Bond Bills.

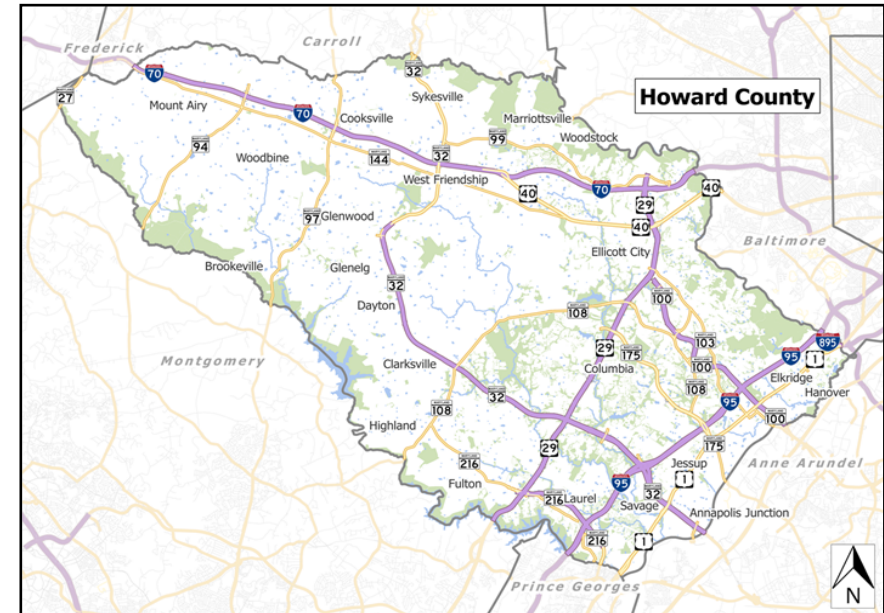
Project Schedule

- FY23 - Designs: 3 stormwater management pond outlet structure repairs-replacements
- FY23 - Construction: 7 stormwater management pond outlet structure repairs-replacements

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1177-STORMWATER MANAGEMENT FACILITY RECONSTRUCTION

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,200	800	2,000	400	200	0	0	0	600	0	0	0	0	2,600
LAND ACQUISITION	100	0	100	0	0	0	0	0	0	0	0	0	0	100
CONSTRUCTION	18,900	15,900	34,800	6,200	3,300	2,000	2,000	2,000	15,500	0	0	0	0	50,300
ADMINISTRATION	200	0	200	0	0	0	0	0	0	0	0	0	0	200
Total Expenditures	20,400	16,700	37,100	6,600	3,500	2,000	2,000	2,000	16,100	0	0	0	0	53,200
BONDS	200	0	200	0	0	0	0	0	0	0	0	0	0	200
GRANTS	1,500	8,200	9,700	0	0	0	0	0	0	0	0	0	0	9,700
OTHER SOURCES	13,700	6,400	20,100	4,600	1,500	0	0	0	6,100	0	0	0	0	26,200
STORMWATER UTILITY FUNDING	5,000	0	5,000	0	0	0	0	0	0	0	0	0	0	5,000
Other GO	0	2,100	2,100	2,000	2,000	2,000	2,000	2,000	10,000	0	0	0	0	12,100
Total Funding	20,400	16,700	37,100	6,600	3,500	2,000	2,000	2,000	16,100	0	0	0	0	53,200

\$0 spent and encumbered through February 2022

\$5,331,611 spent and encumbered through February 2021

Project Status New capital project to replace D1159.

Design initiated –Whiskey Bottom West, Scottswood Court, Meadowridge Business Park, Maple Forest Pond 1, BWIP Preston Court.

Construction initiated – Cardinal Forest, Nottingham Village, Montgomery Run Pond 1, Junction Industrial Park Parcel R.

Construction complete – Strawberry Fields, Hi Tech Road, Autumn Manor, Woodcrest, Calvert Ridge, Mayfield Manor.

FY 2022 Budget	20,400	7,000	27,400	4,600	1,500	0	0	0	6,100	0	0	0		33,500
Difference 2022 / 2023	0	9,700	9,700	2,000	2,000	2,000	2,000	2,000	10,000	0	0	0	0	19,700

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1178-STORMWATER MANAGEMENT RETROFITS

Description

A project for the retrofit of stormwater management facilities to include water quality management.

Justification

Numerous facilities built in the early period of stormwater management provide only water quantity management. Howard County's Stormwater Management NPDES permit requires the County to improve water quality, in part, through retrofitting existing facilities designed only for water quantity management.

Remarks

1. This project replaces D-1160.
2. A portion of current request represents funding to be generated from legislation CB-8 and CR21 for stormwater utility funding, known as Watershed Protection and Restoration fund.
3. OTHER SOURCES represent Stormwater Bonds backed by Watershed Protection and Restoration fund, plus funds provided to County through Memorandum of Understanding of cost sharing.
4. GRANTS include funding provided through American Rescue Plan.
5. Construction of some projects may be dependent upon donation of the necessary easements and-or property owner cost share participation.

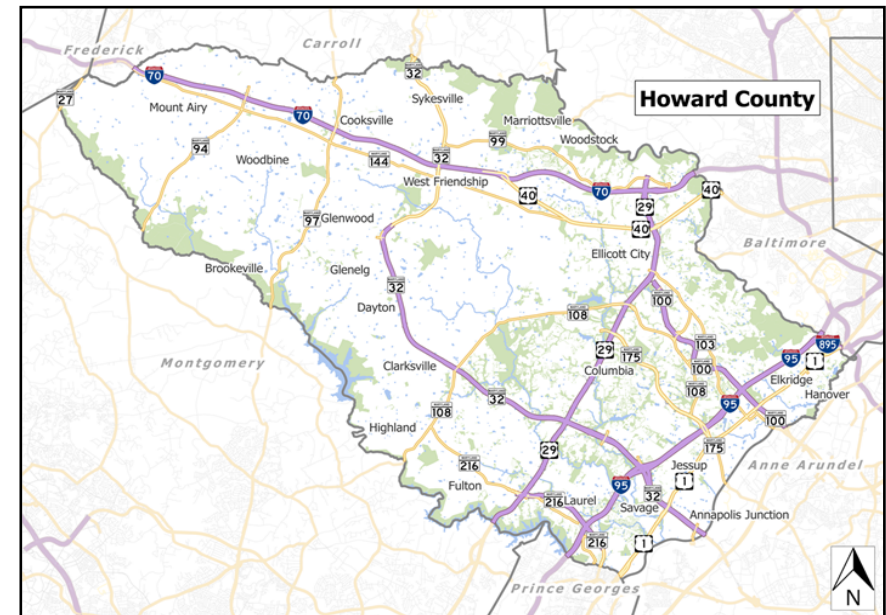
Project Schedule

FY23 - Complete construction of Sewells Orchard and Patapsco Park Estates ponds.

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1178-STORMWATER MANAGEMENT RETROFITS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	300	0	300	100	100	100	100	100	500	100	100	100	100	1,200
LAND ACQUISITION	100	0	100	0	0	0	0	0	0	0	0	0	0	100
CONSTRUCTION	2,250	1,000	3,250	1,000	1,000	1,000	1,000	1,000	5,000	1,000	1,000	1,000	1,000	12,250
ADMINISTRATION	50	0	50	0	0	0	0	0	0	0	0	0	0	50
Total Expenditures	2,700	1,000	3,700	1,100	1,100	1,100	1,100	1,100	5,500	1,100	1,100	1,100	1,100	13,600
BONDS	0	0	0	1,100	1,100	1,100	1,100	1,100	5,500	1,100	1,100	1,100	1,100	9,900
GRANTS	0	1,000	1,000	0	0	0	0	0	0	0	0	0	0	1,000
OTHER SOURCES	2,700	0	2,700	0	0	0	0	0	0	0	0	0	0	2,700
Total Funding	2,700	1,000	3,700	1,100	1,100	1,100	1,100	1,100	5,500	1,100	1,100	1,100	1,100	13,600

\$0 spent and encumbered through February 2022

\$525,838 spent and encumbered through February 2021

Project Status New capital project to replace D1160.

Construction initiated – Sewells Orchard pond.

Construction complete – Gwynn Park Drive outfall, Carrigan Drive outfall.

FY 2022 Budget	2,700	1,100	3,800	1,100	1,100	1,100	1,100	1,100	5,500	1,100	1,100	1,100		12,600
Difference 2022 / 2023	0	(100)	(100)	0	0	0	0	0	0	0	0	0	1,100	1,000

Project: D1179-FY2020 COURTHOUSE DRIVE CULVERT AND SLOPE REPAIR

Description

A project to repair culvert, slope and roadway at existing 36-inch diameter culvert crossing on Courthouse Drive (1,200 LF east of Ellicott Mills Drive).

Justification

The slope is very steep and has been eroding for several years. The Bureau of Highways can no longer maintain the integrity of the side slopes and had requested the capital project.

Remarks

1. Several options for slope remediation considered in FY21-22.
2. Request represents project advancement of selected alternative.

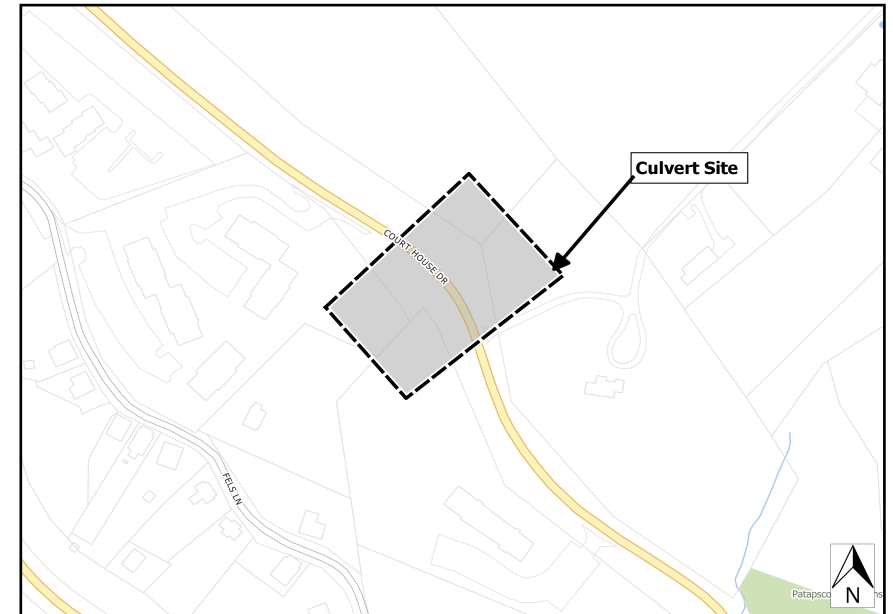
Project Schedule

FY23 - Design and Construction

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1179-FY2020 COURTHOUSE DRIVE CULVERT AND SLOPE REPAIR

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	100	(100)	0	0	0	0	0	0	0	0	0	0	0	0
LAND ACQUISITION	50	(50)	0	0	0	0	0	0	0	0	0	0	0	0
CONSTRUCTION	0	300	300	0	0	0	0	0	0	0	0	0	0	300
Total Expenditures	150	150	300	0	0	0	0	0	0	0	0	0	0	300
BONDS	150	150	300	0	0	0	0	0	0	0	0	0	0	300
Total Funding	150	150	300	0	0	0	0	0	0	0	0	0	0	300

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status FY22 - Project in design.

FY 2022 Budget	150	0	150	0	0	0	0	0	0	0	0	0		150
Difference 2022 / 2023	0	150	150	0	0	0	0	0	0	0	0	0	0	150

Additional funding request represents latest engineer's estimate.

Project: D1180 - FY2021 TIBER WATERSHED IMPROVEMENTS

Description

A project for the design and construction of varying sized drainage and stormwater management projects within the Tiber Watershed.

Justification

This watershed was significantly impacted by recent flooding events. Additionally, many of the existing drainage conveyance systems have reached the end of their useful service life and need to be replaced. Much of the development within the watershed predates current storm water management requirements. This program will address these issues.

Remarks

1. Construction of some projects may be dependent upon donations from adjacent property owners.
2. This program implements recommendations from study done under CB56-2018.

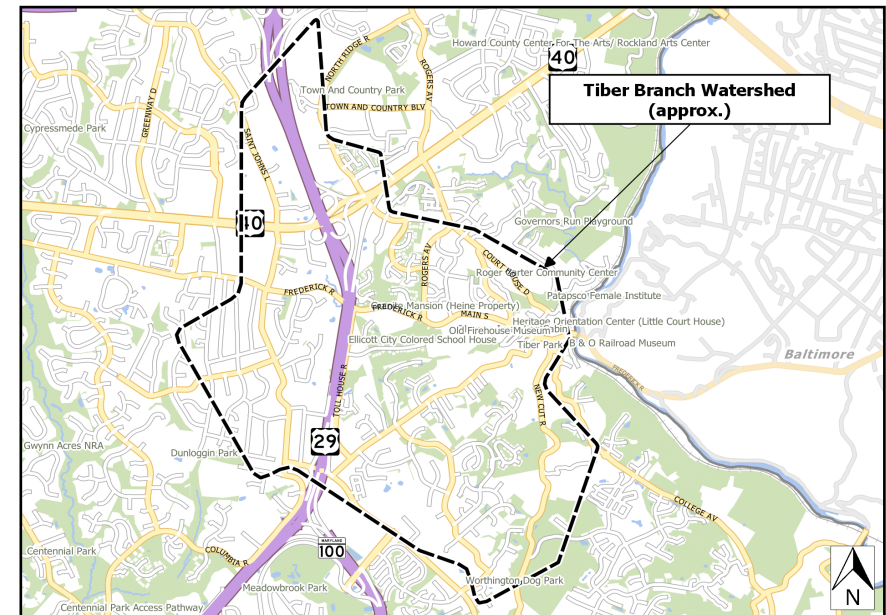
Project Schedule

- FY23 - Design and construction
- FY24 - Design and construction

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1180 - FY2021 TIBER WATERSHED IMPROVEMENTS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	150	0	150	150	0	0	0	0	150	0	0	0	0	300
LAND ACQUISITION	100	0	100	0	0	0	0	0	0	0	0	0	0	100
CONSTRUCTION	250	0	250	350	0	0	0	0	350	0	0	0	0	600
Total Expenditures	500	0	500	500	0	0	0	0	500	0	0	0	0	1,000
BONDS	500	0	500	500	0	0	0	0	500	0	0	0	0	1,000
Total Funding	500	0	500	500	0	0	0	0	500	0	0	0	0	1,000

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status FY22 – Construction of high-priority watershed improvements is underway.

FY 2022 Budget	500	0	500	500	0	0	0	0	500	0	0	0		1,000
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

Project: D1181 - FY2021 PLUM TREE WATERSHED IMPROVEMENTS

Description

A project for the design and construction of varying sized drainage and stormwater management projects within the Plum Tree Watershed.

Justification

This watershed was significantly impacted by recent flooding events. Additionally, many of the existing drainage conveyance systems have reached the end of their useful service life and need to be replaced. Much of the development within the watershed predates current storm water management requirements. This program will address these issues

Remarks

1. Construction of some projects may be dependent upon donations from adjacent property owners.
2. This program implements recommendations from study done under CB56-2018.

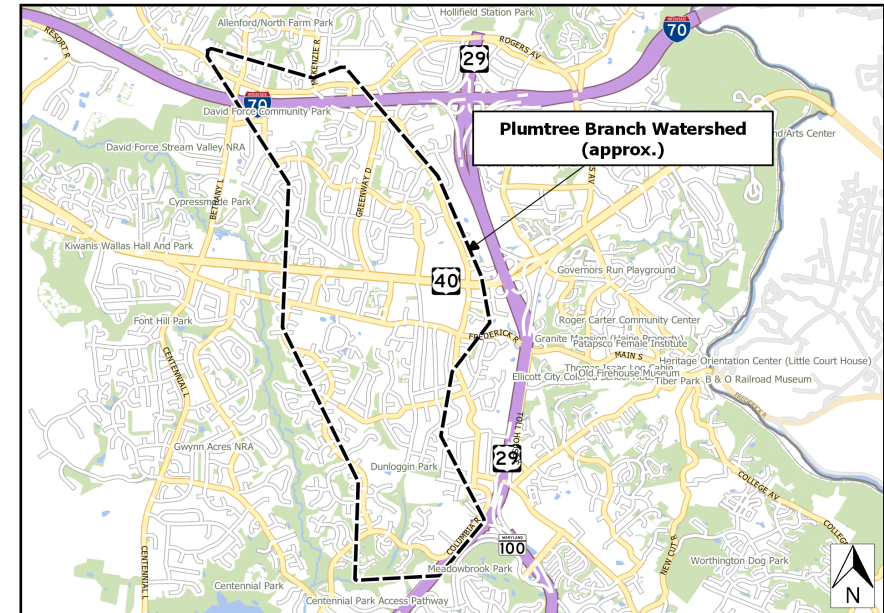
Project Schedule

- FY23 - Design and construction
- FY24 - Design and construction

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1181 - FY2021 PLUM TREE WATERSHED IMPROVEMENTS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	100	0	100	100	0	0	0	0	100	0	0	0	0	200
LAND ACQUISITION	50	0	50	0	0	0	0	0	0	0	0	0	0	50
CONSTRUCTION	250	0	250	300	0	0	0	0	300	0	0	0	0	550
Total Expenditures	400	0	400	400	0	0	0	0	400	0	0	0	0	800
BONDS	400	0	400	400	0	0	0	0	400	0	0	0	0	800
Total Funding	400	0	400	400	0	0	0	0	400	0	0	0	0	800

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status FY22 - Construction of high priority watershed improvements is underway.

FY 2022 Budget	400	400	800	0	0	0	0	0	0	0	0	0		800
Difference 2022 / 2023	0	(400)	(400)	400	0	0	0	0	400	0	0	0	0	0

Additional funding request shifted to FY24 as current funding is sufficient.

Project: D1182-FY2021 ORCHARD RIDGE DRAINAGE IMPROVEMENTS

Description

This project is for the design and construction of drainage and stormwater management improvements in the Orchard Ridge community.

Justification

There are several locations of drainage conveyance issues in the vicinity of Hale Haven Drive and Carman Drive. Additionally, the adjacent tributary is severely eroding neighboring properties. Highway is unable to adequately maintain the area or address resident concerns.

Remarks

1. A study of the area was done to determine possible solutions for runoff and stream erosion in the area. This project will advance the recommended solutions.
2. Construction may be dependent upon donation of easements from adjacent property owners.

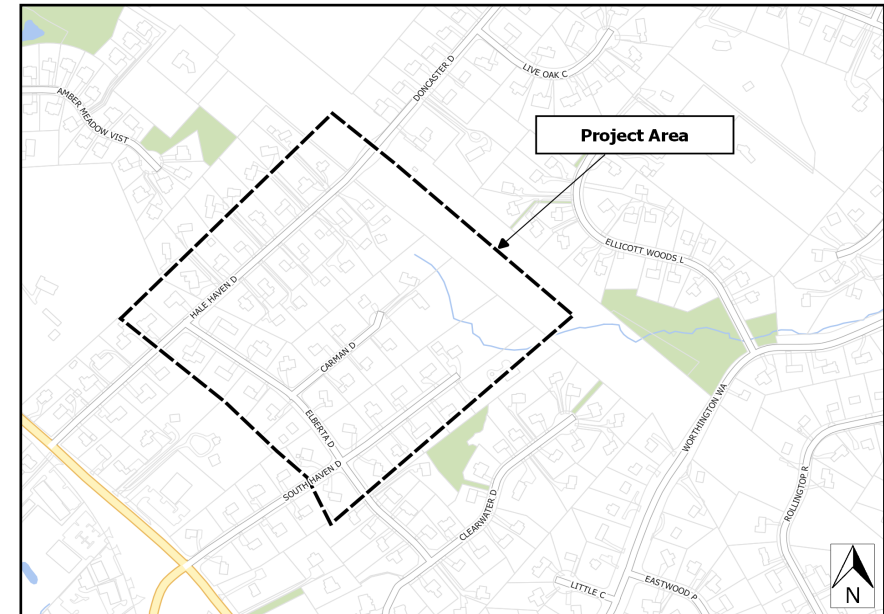
Project Schedule

- FY23 - Design and Land Acquisition along Hale Haven & Carman Drives.
 FY24 - Construction along Hale Haven and Carman Drives.

Operating Budget Impact

Decrease.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1182-FY2021 ORCHARD RIDGE DRAINAGE IMPROVEMENTS

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	250	0	250	0	0	0	0	0	0	0	0	0	0	250
LAND ACQUISITION	425	0	425	0	0	0	0	0	0	0	0	0	0	425
CONSTRUCTION	400	0	400	350	0	0	0	0	350	0	0	0	0	750
Total Expenditures	1,075	0	1,075	350	0	0	0	0	350	0	0	0	0	1,425
BONDS	1,075	0	1,075	350	0	0	0	0	350	0	0	0	0	1,425
Total Funding	1,075	0	1,075	350	0	0	0	0	350	0	0	0	0	1,425

\$0 spent and encumbered through February 2022

\$78,721 spent and encumbered through February 2021

Project Status FY22 - Initial land acquisition complete. Design of diversion along BGE right-of-way complete along with requisite land acquisition.

FY 2022 Budget	1,075	350	1,425	0	0	0	0	0	0	0	0	0		1,425
Difference 2022 / 2023	0	(350)	(350)	350	0	0	0	0	350	0	0	0	0	0

Additional funding request shifted to FY24 as current funding is sufficient.

Project: D1183 - FY2023 VULNERABLE WATERSHED RESTORATION AND RESILIENCY

Description

This project is for the assessment, design, and construction of restoration improvements in various neighborhoods throughout the County that are currently experiencing localized drainage issues. The restoration projects will make the neighborhoods more resilient. Many of these issues are on private property. The current issues could be exacerbated by the impacts of climate change and more frequent and intense storms. This project may include land/lease acquisition to perform the improvement tasks.

Justification

Various watersheds and subwatersheds throughout the County can be vulnerable to flooding, meaning they are susceptible to flooding or flood damage due to increased rainfall intensity, and/or inadequate, missing, or failing infrastructure. The flooding could cause roadway overtopping or prolonged road closures, which could isolate parts of a community or create hazardous travel conditions. Additionally, these areas could have primary structures within the 100-year floodplain. Residents in these vulnerable areas may be disproportionately represented by underserved populations.

Remarks

1. A portion of current request represents funding to be generated from legislation CB-8 & CR21 for stormwater utility funding, known as Watershed Protection and Restoration fund.
2. Construction of some projects may be dependent upon donation of the necessary easements and-or property owner cost share participation.
3. OTHER SOURCES represents Stormwater Bonds backed by Watershed Protection and Restoration fund.
4. GRANT represents anticipated State funding and Federal BRIC grant.

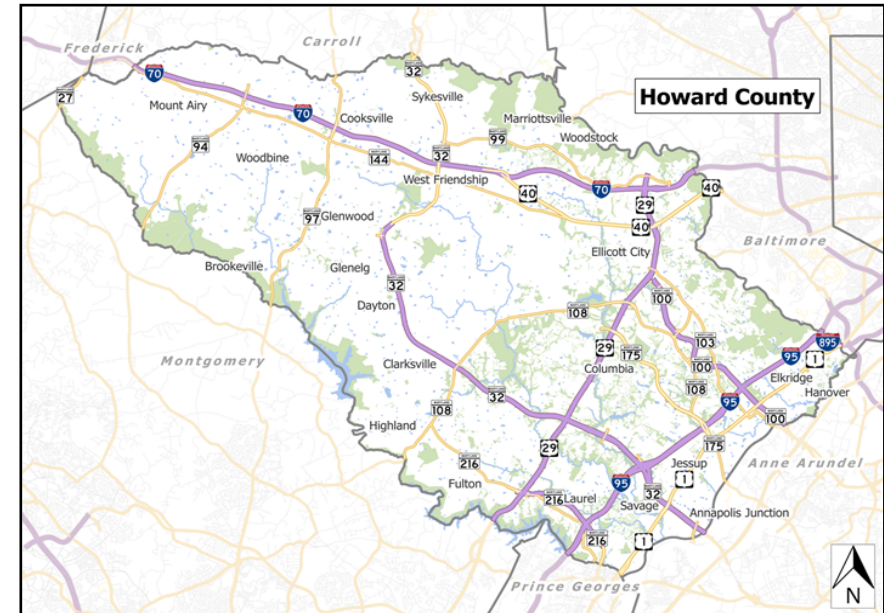
Project Schedule

FY23 – Perform assessments and concept design for four identified subwatersheds.
 FY24 – Perform final design and begin construction of drainage improvements. Identify additional subwatersheds for assessment.

Operating Budget Impact

No operating impact.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

N/A

Fiscal 2023 Capital Budget

STORM DRAINAGE PROJECTS

Project: D1183 - FY2023 VULNERABLE WATERSHED RESTORATION AND RESILIENCY

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	1,400	1,400	200	200	200	0	0	600	0	0	0	0	2,000
CONSTRUCTION	0	0	0	1,000	1,000	1,000	0	0	3,000	0	0	0	0	3,000
Total Expenditures	0	1,400	1,400	1,200	1,200	1,200	0	0	3,600	0	0	0	0	5,000
BONDS	0	150	150	1,200	1,200	1,200	0	0	3,600	0	0	0	0	3,750
GRANTS	0	1,250	1,250	0	0	0	0	0	0	0	0	0	0	1,250
Total Funding	0	1,400	1,400	1,200	1,200	1,200	0	0	3,600	0	0	0	0	5,000

\$0 spent and encumbered through February 2022
spent and encumbered through February 2021

Project Status New project.

Difference 2022 / 2023	0	1,400	1,400	1,200	1,200	1,200	0	0	3,600	0	0	0	0	5,000
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N/A

Howard County, MD
FY 2023 Planning Board Capital Budget
SCHOOL SYSTEM PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
E0973-FY2003 WAVERLY ELEM RENOVATION/PHASE II ADDITION This project will be completed in two phases at Waverly Elementary School.	A	13,043	0	13,043	0	0	0	0	0	13,043
	B	23,073	0	23,073	0	0	0	0	0	23,073
	T	3,200	0	3,200	0	0	0	0	0	3,200
	Z	885	0	885	0	0	0	0	0	885
	Total	40,201	0	40,201	0	0	0	0	0	0
E0980-FY2004 SYSTEMIC RENOVATIONS Improvements and installation of systemic renovations at various school sites, including projects of a critical nature such as sprinkler repair, HVAC repair, window replacement, and other projects in support of the local CIP outlined in the HCPSS Comprehensive Maintenance Plan, as well as emergent projects on school properties.	A	98,441	0	98,441	0	0	0	0	0	98,441
	B	128,296	0	128,296	0	0	0	0	0	128,296
	P	4,555	0	4,555	0	0	0	0	0	4,555
	T	6,100	0	6,100	0	0	0	0	0	6,100
	Z	28,438	0	28,438	0	0	0	0	0	28,438
Total	265,830	0	265,830	0	0	0	0	0	0	265,830
E0989-FY1989 BARRIER-FREE PROJECTS Installation of ramps; alteration of restrooms, fixtures and drinking fountains; and various modifications to make all remaining spaces (school buildings and school sites) accessible to the public, students, teachers, and staff.	B	4,000	0	4,000	0	0	0	0	0	4,000
	E	200	0	200	0	0	0	0	0	200
	P	303	0	303	0	0	0	0	0	303
	T	1,650	200	1,850	200	200	200	200	200	2,850
	Total	6,153	200	6,353	200	200	200	200	200	200
E0990-FY2002 PLAYGROUND EQUIPMENT Improvements and installation of playground equipment at various school sites.	B	2,350	0	2,350	0	0	0	0	0	2,350
	E	250	250	500	250	500	500	500	500	2,750
	T	830	0	830	0	0	0	0	0	830
	Total	3,430	250	3,680	250	500	500	500	500	500
E0994-FY2004 ROOFING PROGRAM Reroofing for various schools including design and construction of repairs to existing roofs, old roof removal, new flashing and drains, and installation of new roofing structure and material.	A	10,971	0	10,971	0	0	0	0	0	10,971
	B	25,866	0	25,866	0	0	0	0	0	25,866
	T	3,251	0	3,251	0	0	0	0	0	3,251
	Z	4,500	0	4,500	0	0	0	0	0	4,500
	Total	44,588	0	44,588	0	0	0	0	0	0

Howard County, MD
FY 2023 Planning Board Capital Budget
SCHOOL SYSTEM PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
E0995-SITE ACQUISITION and CONSTRUCTION RESERVE This account is a contingency fund for site acquisition and school construction at various school sites.	A	911	0	911	0	0	0	0	0	911
	B	9,425	0	9,425	0	0	0	0	0	9,425
	T	8,817	0	8,817	0	0	0	0	0	8,817
	Total	19,153	0	19,153	0	0	0	0	0	0
E1012-FY2008 SCHOOL PARKING LOT EXPANSION A project to provide for the construction of additional parking spaces, repairs, and modification of parking lots to improve traffic flow patterns at existing school sites.	A	1,421	0	1,421	0	0	0	0	0	1,421
	B	2,779	600	3,379	600	0	0	0	0	3,979
	T	600	0	600	0	600	600	600	600	3,000
	Total	4,800	600	5,400	600	600	600	600	600	600
E1024-FY2019 HAMMOND HIGH SCHOOL RENOVATION/ADDITION A project to expand educational program spaces and renovate Hammond High School.	A	6,920	21,000	27,920	13,901	0	0	0	0	41,821
	B	42,153	7,516	49,669	-2,901	0	0	0	0	46,768
	OG	13,889	0	13,889	0	0	0	0	0	13,889
	T	4,102	0	4,102	0	0	0	0	0	4,102
	Total	67,064	28,516	95,580	11,000	0	0	0	0	0
E1025-CENTENNIAL HIGH SCHOOL RENOVATION ADDITION A renovation and addition project including the expansion of educational program spaces at Centennial High School.	A	0	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	8,808	8,808
	Total	0	0	0	0	0	0	0	0	8,808
E1028-FY2016 NEW ELEMENTARY SCHOOL #42 A project to construct a new elementary school to relieve the Northeastern and Southeastern regions.	A	14,908	0	14,908	0	0	0	0	0	14,908
	B	26,815	0	26,815	0	0	0	0	0	26,815
	Total	41,723	0	41,723	0	0	0	0	0	0
E1033-FY2015 PATUXENT VALLEY MIDDLE SCHOOL RENOVATION A project to expand educational program spaces and renovate Patuxent Valley Middle School.	A	10,604	0	10,604	0	0	0	0	0	10,604
	B	15,860	0	15,860	0	0	0	0	0	15,860
	T	1,400	0	1,400	0	0	0	0	0	1,400
	Total	27,864	0	27,864	0	0	0	0	0	0

Howard County, MD
FY 2023 Planning Board Capital Budget
SCHOOL SYSTEM PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
E1035-FY2019 NEW HIGH SCHOOL #13 A project to construct a new high school to accommodate enrollment growth.	A	43,000	9,310	52,310	0	0	0	0	0	52,310
	B	50,059	8,297	58,356	2,762	0	0	0	0	61,118
	E	3,750	7,750	11,500	4,193	0	0	0	0	15,693
	T	876	0	876	0	0	0	0	0	876
	Total	97,685	25,357	123,042	6,955	0	0	0	0	0
E1036-OAKLAND MILLS MIDDLE SCHOOL RENOVATION The Oakland Mills Middle School project will renovate and add seats to the existing facility.	A	0	0	0	0	7,032	9,377	7,032	0	23,441
	B	0	0	0	4,269	83	13,391	1,719	7,115	26,577
	E	0	0	0	0	0	0	5,479	0	5,479
	Total	0	0	0	4,269	7,115	22,768	14,230	7,115	55,497
E1038-FY2017 PLANNING AND DESIGN The Planning and Design project has been established to provide funding for scope studies prior to the funding of individual projects.	B	0	150	150	0	0	0	0	0	150
	T	1,100	300	1,400	300	300	300	300	300	2,900
	Total	1,100	450	1,550	300	300	300	300	300	300
E1039-NEW ELEM SCHOOL #43 The New Elementary School #43 will be a new facility.	A	0	0	0	0	8,321	11,095	8,321	0	27,737
	B	0	0	0	5,115	10,191	12,764	205	1,705	29,980
	E	0	0	0	0	7,065	3,423	0	0	10,488
	Total	0	0	0	5,115	25,577	27,282	8,526	1,705	68,205
E1040-NEW ELEM SCHOOL #44 The New Elementary School #44 will be a new facility in the Northern region to accommodate enrollment growth.	A	0	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0	0
	E	0	0	0	0	0	0	0	4,542	4,542
	Total	0	0	0	0	0	0	0	0	4,542

Howard County, MD
FY 2023 Planning Board Capital Budget
SCHOOL SYSTEM PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total	
E1043-FY2019 TALBOTT SPRINGS ELEM SCHOOL REPLACEMENT The planned scope of work for Talbott Springs Elementary School (TSES) includes a full replacement with a capacity of 540 students to provide an energy efficient building with programmatic and physical upgrades as well as new mechanical, electrical, and technology systems.	A	16,897	0	16,897	0	0	0	0	0	16,897	
	B	25,570	0	25,570	0	0	0	0	0	25,570	
	Z	1,000	0	1,000	0	0	0	0	0	1,000	
	Total	43,467	0	43,467	0	0	0	0	0	0	43,467
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E1044-FY2019 SYSTEMIC RENOVATIONS Improvements and installation of systemic renovations at various school sites.	A	6,749	7,330	14,079	5,936	5,936	2,800	4,088	3,360	36,199	
	B	26,182	15,300	41,482	21,831	21,757	16,959	17,988	15,490	135,507	
	E	1,800	1,000	2,800	1,000	1,000	1,000	1,000	0	6,800	
	OG	5,798	0	5,798	0	0	0	0	0	5,798	
	P	3,900	0	3,900	0	0	0	0	0	3,900	
	T	24,772	7,000	31,772	5,000	3,150	3,150	3,150	4,150	50,372	
	Total	69,201	30,630	99,831	33,767	31,843	23,909	26,226	23,000	238,576	
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E1045-FY2019 RELOCATABLE CLASSROOMS This request will provide funds for the relocation of existing portable classrooms or purchase of new portable classrooms to be placed at schools in need of additional capacity.	B	4,800	500	5,300	0	0	0	0	0	5,300	
	T	3,200	1,500	4,700	1,500	1,500	1,500	1,500	1,500	12,200	
	Total	8,000	2,000	10,000	1,500	1,500	1,500	1,500	1,500	1,500	17,500
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E1046-FY2019 ROOFING Reroofing for various schools including design and construction of repairs to existing roofs, old roof removal, new flashing and drains, and installation of new roofing structure and material.	A	8,109	3,411	11,520	0	2,500	2,500	2,500	2,500	21,520	
	B	8,888	589	9,477	0	250	250	250	250	10,477	
	E	1,000	0	1,000	0	0	0	0	0	1,000	
	T	0	1,000	1,000	1,000	2,250	2,250	2,250	2,250	11,000	
	Total	17,997	5,000	22,997	1,000	5,000	5,000	5,000	5,000	5,000	43,997

Howard County, MD
FY 2023 Planning Board Capital Budget
SCHOOL SYSTEM PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
E1047-SITE ACQUISITION AND CONSTRUCTION RESERVE This project is a contingency fund for site acquisition and school construction reserve at various school sites.	B	0	1,000	1,000	0	0	0	2,000	500	3,500
	E	0	0	0	0	0	0	0	1,500	1,500
	Total	0	1,000	1,000	1,000	0	0	0	2,000	2,000
E1048-FY2019 TECHNOLOGY A capital project to provide and sustain a viable technology infrastructure consistent with the HCPSS strategic technology plan at various school sites.	B	0	4,500	4,500	2,500	4,500	4,500	2,500	2,500	21,000
	T	7,500	1,000	8,500	3,000	3,000	3,000	3,000	3,000	23,500
	Total	7,500	5,500	13,000	5,500	7,500	7,500	7,500	5,500	5,500
E1049-DUNLOGGIN MS RENOVATION/ADDITION A project to expand educational program spaces with 233 seats of new capacity and renovate Dunloggin Middle School.	A	0	0	0	0	6,554	8,739	6,554	0	21,847
	B	0	0	0	447	0	8,536	4,770	6,673	20,426
	E	0	0	0	3,557	119	4,077	2,021	0	9,774
	Total	0	0	0	0	4,004	6,673	21,352	13,345	6,673
E1052-FY2024 NEW HIGH SCHOOL #14 The New High School #14 will be a new facility.	A	0	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0
E1053 - OAKLAND MILLS HIGH SCHOOL RENOVATION The Oakland Mills High School project will renovate the existing facility.	A	0	0	0	0	0	0	13,009	17,345	30,354
	B	0	0	0	0	0	8,250	741	15,655	24,646
	Total	0	0	0	0	0	0	8,250	13,750	33,000
E1054 - REGIONAL EARLY CHILDHOOD CENTER A dedicated facility for a Regional Early Childhood Center is a new concept and may be located at an existing or new facility.	B	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0
E1055 - NORTHERN REGIONAL ELEMENTARY SCHOOL ADDITION The Northern Region Elementary School Addition will be an addition to an existing facility.	B	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0

Howard County, MD
FY 2023 Planning Board Capital Budget
SCHOOL SYSTEM PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
E1056 - PATAPSCO MS RENOVATION/ADDITION	B	0	0	0	0	0	0	0	0	0
The Patapsco Middle School project will renovate and add seats to the existing facility.	Total	0	0	0	0	0	0	0	0	0
E1057 - JEFFERS HILL ELEM SCHOOL RENOVATION	B	0	0	0	0	0	0	0	0	0
The Jeffers Hill Elementary School project will renovate the existing facility.	Total	0	0	0	0	0	0	0	0	0
SCHOOL SYSTEM PROJECTS Total		765,756	99,503	865,259	74,460	86,808	119,161	91,677	100,443	1,337,808

Howard County, MD
FY 2023 Planning Board Capital Budget (\$000)
SCHOOL SYSTEM PROJECTS

	Revenue Source	Prior Total	Current FY	Appropriation Total
B	BONDS	396,116	38,452	434,568
Z	EDUCATION EXCISE BONDS	34,823	0	34,823
E	EXCISE TAX	7,000	9,000	16,000
OG	Other GO	19,687	0	19,687
P	PAY AS YOU GO	8,758	0	8,758
A	STATE AID for SCHOOLS	231,974	41,051	273,025
T	TRANSFER TAX	67,398	11,000	78,398
Total		765,756	99,503	865,259

Howard County, MD
FY 2023 Planning Board 5 Year Capital Budget Project Type Summary
SCHOOL SYSTEM PROJECTS

Revenue Source		Prior Approp	Current FY	2024	2025	2026	2027	2028	Total
A	STATE AID for SCHOOLS	231,974	41,051	19,837	30,343	34,511	41,504	23,205	422,425
B	BONDS	396,116	38,452	34,623	36,781	64,650	30,173	58,696	659,491
E	EXCISE TAX	7,000	9,000	9,000	8,684	9,000	9,000	6,542	58,226
OG	Other GO	19,687	0	0	0	0	0	0	19,687
P	PAY AS YOU GO	8,758	0	0	0	0	0	0	8,758
T	TRANSFER TAX	67,398	11,000	11,000	11,000	11,000	11,000	12,000	134,398
Z	EDUCATION EXCISE BONDS	34,823	0	0	0	0	0	0	34,823
Total		765,756	99,503	74,460	86,808	119,161	91,677	100,443	1,337,808

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E0973-FY2003 WAVERLY ELEM RENOVATION/PHASE II ADDITION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,061	0	1,061	0	0	0	0	0	0	0	0	0	0	1,061
CONSTRUCTION	36,603	0	36,603	0	0	0	0	0	0	0	0	0	0	36,603
EQUIPMENT & FURNISHINGS	2,537	0	2,537	0	0	0	0	0	0	0	0	0	0	2,537
Total Expenditures	40,201	0	40,201	0	0	0	0	0	0	0	0	0	0	40,201
BONDS	23,073	0	23,073	0	0	0	0	0	0	0	0	0	0	23,073
STATE AID for SCHOOLS	13,043	0	13,043	0	0	0	0	0	0	0	0	0	0	13,043
TRANSFER TAX	3,200	0	3,200	0	0	0	0	0	0	0	0	0	0	3,200
EDUCATION EXCISE BONDS	885	0	885	0	0	0	0	0	0	0	0	0	0	885
Total Funding	40,201	0	40,201	0	0	0	0	0	0	0	0	0	0	40,201

\$0 spent and encumbered through February 2022

\$38,731,916 spent and encumbered through February 2021

Project Status Phase I Completed in 2007. Phase II in Construction.

Timing: This project was originally scheduled for 2010 and has been moved out to 2018 based upon enrollment projections.

FY 2022 Budget	40,201	0	40,201	0	0	0	0	0	0	0	0	0	0	40,201
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: E0980-FY2004 SYSTEMIC RENOVATIONS

Description

Improvements and installation of systemic renovations at various school sites, including projects of a critical nature such as sprinkler repair, HVAC repair, window replacement, and other projects in support of the local CIP outlined in the HCPSS Comprehensive Maintenance Plan, as well as emergent projects on school properties. For larger systemic renovation projects (see schools listed in the remarks section) the complete scope of these projects are defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 for complete description of process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

The systemic renovation program will include projects that are needed to bring older facilities up to current standards in lighting, electrical, HVAC systems, reconfiguring space, handicap accessible improvements, and provide for upgrades to other building systems.

Remarks

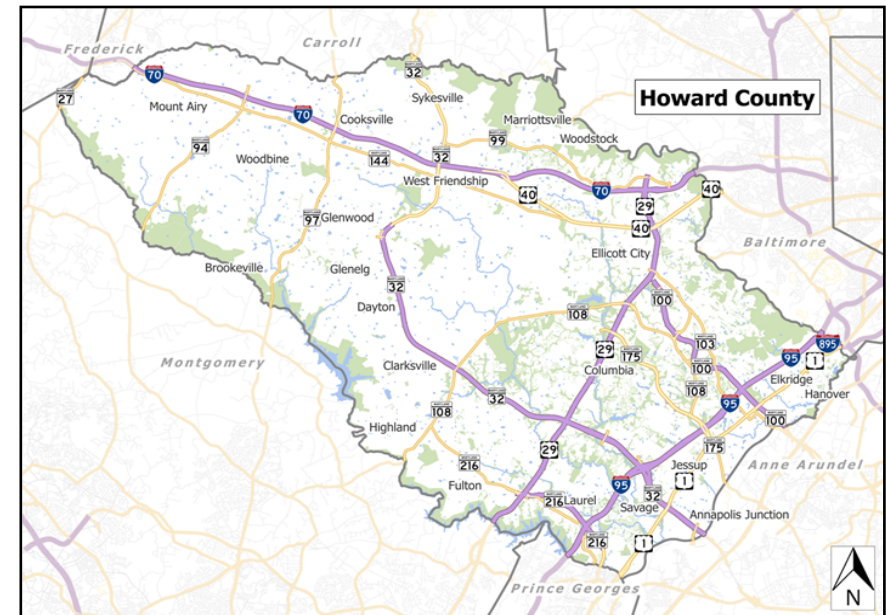
1. The systemic renovations project also supports emergency and deferred systemic capital projects.
2. Prior Appropriation includes transfers legislated by Council Resolution 1-2015.

Project Schedule

Operating Budget Impact

Upon completion, the maintenance of these facilities will be the responsibility of HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E0980-FY2004 SYSTEMIC RENOVATIONS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	265,830	0	265,830	0	0	0	0	0	0	0	0	0	0	265,830
Total Expenditures	265,830	0	265,830	0	0	0	0	0	0	0	0	0	0	265,830
BONDS	128,296	0	128,296	0	0	0	0	0	0	0	0	0	0	128,296
PAY AS YOU GO	4,555	0	4,555	0	0	0	0	0	0	0	0	0	0	4,555
STATE AID for SCHOOLS	98,441	0	98,441	0	0	0	0	0	0	0	0	0	0	98,441
TRANSFER TAX	6,100	0	6,100	0	0	0	0	0	0	0	0	0	0	6,100
EDUCATION EXCISE BONDS	28,438	0	28,438	0	0	0	0	0	0	0	0	0	0	28,438
Total Funding	265,830	0	265,830	0	0	0	0	0	0	0	0	0	0	265,830

\$0 spent and encumbered through February 2022

\$253,583,593 spent and encumbered through February 2021

Project Status

FY 2022 Budget	265,830	0	265,830	0	0	0	0	0	0	0	0	0		265,830
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E0989-FY1989 BARRIER-FREE PROJECTS

Description

Installation of ramps; alteration of restrooms, fixtures and drinking fountains; and various modifications to make all remaining spaces (school buildings and school sites) accessible to the public, students, teachers, and staff.

Justification

Federal, state, and local regulations require that school facilities be made accessible to persons with disabilities by removing barriers to access.

Remarks

1. Examples of projects include stadium bleacher ramps, play field access ramps, automatic door opening devices, and reconfiguration of bathroom fixtures and partitions to allow wheelchair access.
2. Other school specific projects that remove barriers as described in justification.

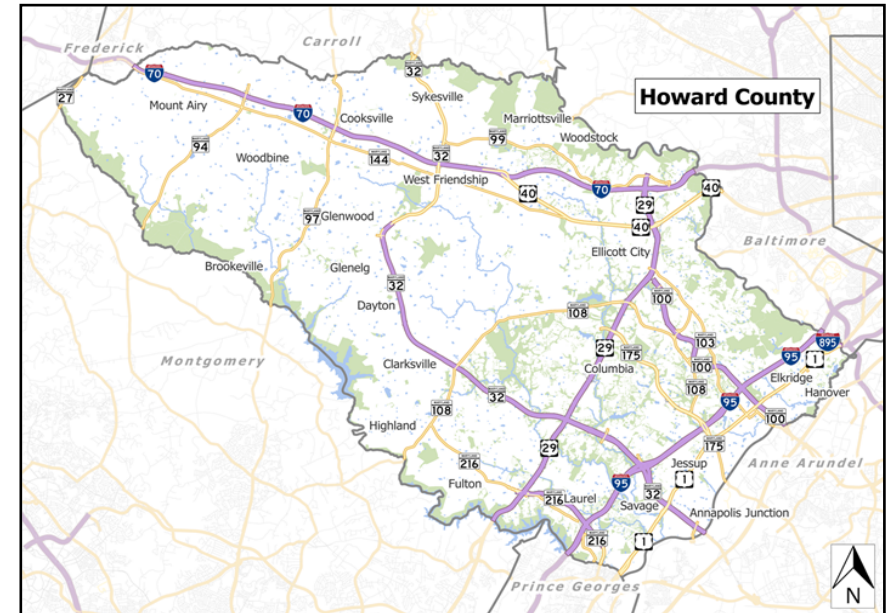
Project Schedule

Barrier-Free Projects are directly related to students, staff, and public need for facility modifications as they occur on an ongoing basis.

Operating Budget Impact

Estimated operating cost impact upon completion: No increase

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

N/A

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E0989-FY1989 BARRIER-FREE PROJECTS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	5,700	200	5,900	200	200	200	200	200	1,000	200	200	200	200	7,700
EQUIPMENT & FURNISHINGS	453	0	453	0	0	0	0	0	0	0	0	0	0	453
Total Expenditures	6,153	200	6,353	200	200	200	200	200	1,000	200	200	200	200	8,153
BONDS	4,000	0	4,000	0	0	0	0	0	0	0	0	0	200	4,200
EXCISE TAX	200	0	200	0	0	0	0	0	0	0	0	0	0	200
PAY AS YOU GO	303	0	303	0	0	0	0	0	0	0	0	0	0	303
TRANSFER TAX	1,650	200	1,850	200	200	200	200	200	1,000	200	200	200	0	3,450
Total Funding	6,153	200	6,353	200	200	200	200	200	1,000	200	200	200	200	8,153

\$0 spent and encumbered through February 2022

\$5,798,310 spent and encumbered through February 2021

Project Status Ongoing.

FY 2022 Budget	6,153	200	6,353	200	200	200	200	200	1,000	200	200	200		7,953
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	200	200

TAO2-2019 transferred in \$150,000 in General Obligation Bonds from E1028.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E0990-FY2002 PLAYGROUND EQUIPMENT

Description

Improvements and installation of playground equipment at various school sites.

Justification

The program will include projects that are needed to bring older schools' playgrounds up to current standards.

Remarks

Playgrounds at the following schools are under consideration for replacement:

1. Gorman Crossing ES (K-2).
2. Gorman Crossing ES (5-12).
3. Centennial Lane ES (K-2)

Project Schedule

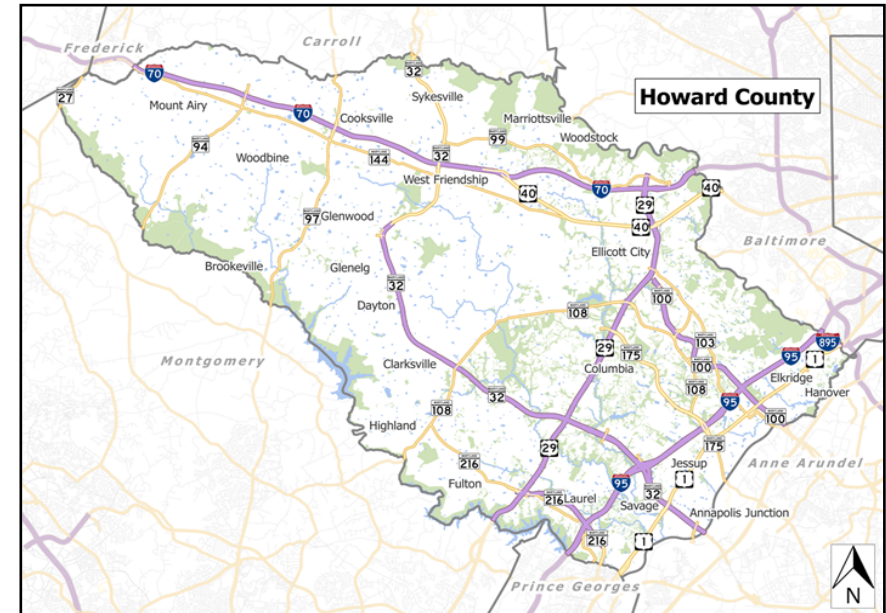
April: Final Site Specific Selection and Requisition

July-August: Equipment Installation

Operating Budget Impact

Estimated operating cost impact upon completion: No increase

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E0990-FY2002 PLAYGROUND EQUIPMENT

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	3,430	250	3,680	250	500	500	500	500	2,250	500	500	500	500	7,930
Total Expenditures	3,430	250	3,680	250	500	500	500	500	2,250	500	500	500	500	7,930
BONDS	2,350	0	2,350	0	0	0	0	0	0	0	0	0	500	2,850
EXCISE TAX	250	250	500	250	500	500	500	500	2,250	500	500	500	0	4,250
TRANSFER TAX	830	0	830	0	0	0	0	0	0	0	0	0	0	830
Total Funding	3,430	250	3,680	250	500	500	500	500	2,250	500	500	500	500	7,930

\$0 spent and encumbered through February 2022

\$3,229,240 spent and encumbered through February 2021

Project Status Ongoing.

Timing: It is likely that several ES playground equipment replacements will be deferred due to funding constraints.

FY 2022 Budget	3,430	250	3,680	250	500	500	500	500	2,250	500	500	1,000		7,930
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	-500	500	0

Changes from prior plan reflect HCPSS prioritization within affordable funding levels.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E0994-FY2004 ROOFING PROGRAM

Description

Reroofing for various schools including design and construction of repairs to existing roofs, old roof removal, new flashing and drains, and installation of new roofing structure and material.

Justification

The roof system is the largest single area of the building that must endure the most severe weather conditions. The roof protects the structural integrity of the building as well as equipment. Because of building age and environmental conditions, scheduled roof replacements must be completed to protect the investment that has been made in many facilities.

Remarks

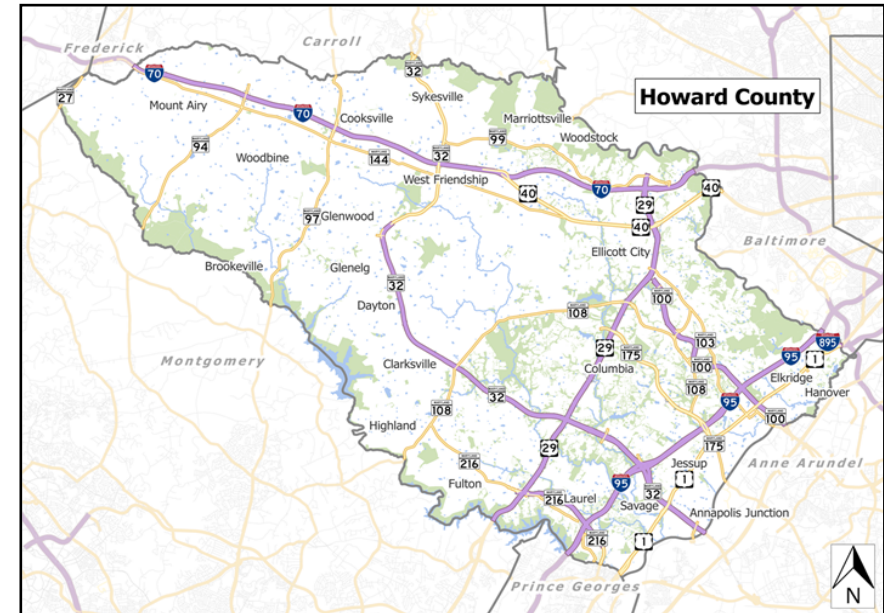
When feasible, roofing projects will be considered in conjunction with systemic renovations.

Project Schedule

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E0994-FY2004 ROOFING PROGRAM

(In Thousands)	Five Year Capital Program									Master Plan				Total Project
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	
CONSTRUCTION	44,588	0	44,588	0	0	0	0	0	0	0	0	0	0	44,588
Total Expenditures	44,588	0	44,588	0	0	0	0	0	0	0	0	0	0	44,588
BONDS	25,866	0	25,866	0	0	0	0	0	0	0	0	0	0	25,866
STATE AID for SCHOOLS	10,971	0	10,971	0	0	0	0	0	0	0	0	0	0	10,971
TRANSFER TAX	3,251	0	3,251	0	0	0	0	0	0	0	0	0	0	3,251
EDUCATION EXCISE BONDS	4,500	0	4,500	0	0	0	0	0	0	0	0	0	0	4,500
Total Funding	44,588	0	44,588	0	0	0	0	0	0	0	0	0	0	44,588

\$0 spent and encumbered through February 2022

\$33,617,000 spent and encumbered through February 2021

Project Status

FY 2022 Budget	44,588	0	44,588	0	0	0	0	0	0	0	0	0		44,588
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E0995-SITE ACQUISITION and CONSTRUCTION RESERVE

Description

This account is a contingency fund for site acquisition and school construction at various school sites. Recent emergent maintenance requirements have strained the school system's existing construction contingency accounts and additional funding is required to ensure that urgently needed repairs can be completed without delay.

Justification

This fund is needed as a contingency reserve providing funds for use on an as-needed basis.

Remarks

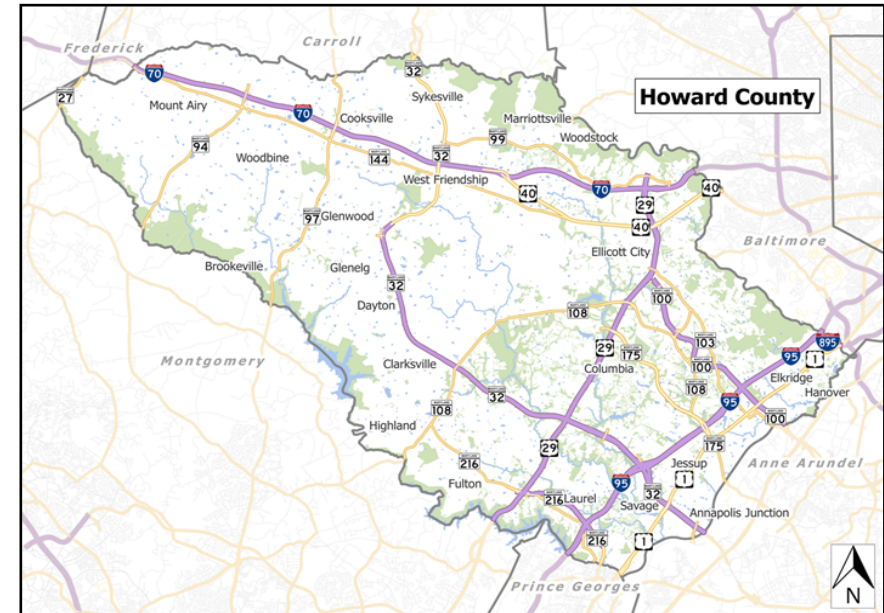
Site funds are needed for future enrollment growth.

Project Schedule

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E0995-SITE ACQUISITION and CONSTRUCTION RESERVE

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
LAND ACQUISITION	19,153	0	19,153	0	0	0	0	0	0	0	0	0	0	19,153
Total Expenditures	19,153	0	19,153	0	0	0	0	0	0	0	0	0	0	19,153
BONDS	9,425	0	9,425	0	0	0	0	0	0	0	0	0	0	9,425
STATE AID for SCHOOLS	911	0	911	0	0	0	0	0	0	0	0	0	0	911
TRANSFER TAX	8,817	0	8,817	0	0	0	0	0	0	0	0	0	0	8,817
Total Funding	19,153	0	19,153	0	0	0	0	0	0	0	0	0	0	19,153

\$0 spent and encumbered through February 2022

\$20,676,085 spent and encumbered through February 2021

Project Status

FY 2022 Budget	19,153	0	19,153	0	0	0	0	0	0	0	0	0		19,153
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1012-FY2008 SCHOOL PARKING LOT EXPANSION

Description

A project to provide for the construction of additional parking spaces, repairs, and modification of parking lots to improve traffic flow patterns at existing school sites.

Justification

Parking expansions and repairs are necessary due to the insufficient supply of spaces to meet existing demands. Funds are used for parking improvements on sites that are not slated for other construction projects.

Remarks

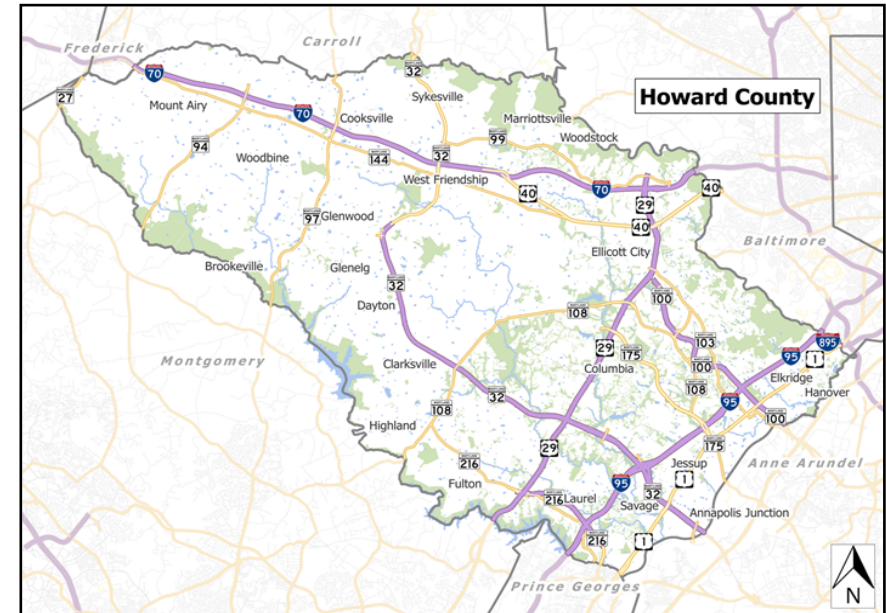
Parking lot projects are to be determined.

Project Schedule

Operating Budget Impact

No Operating Impact

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

N/A

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1012-FY2008 SCHOOL PARKING LOT EXPANSION

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	240	60	300	60	60	60	60	60	300	60	60	60	60	840
CONSTRUCTION	4,560	540	5,100	540	540	540	540	540	2,700	540	540	540	540	9,960
Total Expenditures	4,800	600	5,400	600	600	600	600	600	3,000	600	600	600	600	10,800
BONDS	2,779	600	3,379	600	0	0	0	0	600	0	0	0	600	4,579
STATE AID for SCHOOLS	1,421	0	1,421	0	0	0	0	0	0	0	0	0	0	1,421
TRANSFER TAX	600	0	600	0	600	600	600	600	2,400	600	600	600	0	4,800
Total Funding	4,800	600	5,400	600	600	600	600	600	3,000	600	600	600	600	10,800

\$0 spent and encumbered through February 2022

\$4,190,819 spent and encumbered through February 2021

Project Status Ongoing.

FY 2022 Budget	4,800	0	4,800	0	600	600	600	600	2,400	600	600	600		9,000
Difference 2022 / 2023	0	600	600	600	0	0	0	0	600	0	0	0	600	1,800

None.

Project: E1024-FY2019 HAMMOND HIGH SCHOOL RENOVATION/ADDITION

Description

A project to expand educational program spaces and renovate Hammond High School. Interior spaces will be reconfigured as needed. The project will add new seats and address deficiencies in educational program space which were identified in a facilities assessment survey. The project will consist of a complete systemic renovation of the school that will replace the aging heating and cooling systems, upgrade the plumbing and electrical systems, supply new data technology and security systems, provide new interior finishes throughout the building, create ADA accessibility compliance throughout, repartition select areas of the school, and construct building additions as necessary to fulfill program deficiencies and add capacity. It is also the intent to concentrate on energy efficient systems and sustainable practices thus yielding another USGBC LEED certified facility. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 for complete description of process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

A high school facility needs assessment documented the necessity for this renovation. Additional capacity will also be added during this project to address capacity deficiencies at the high school level.

Remarks

1. The original building was completed in 1976.
2. It requires updating to align with current educational standards.
3. In FY19, the project name was changed to Renovation|Addition.
4. OTHER GO represents general obligation bonds supported by transfer tax revenues.
5. FY21 includes \$10M in County funding previously anticipated to be funded by the State in FY21 in order to keep the project on schedule.

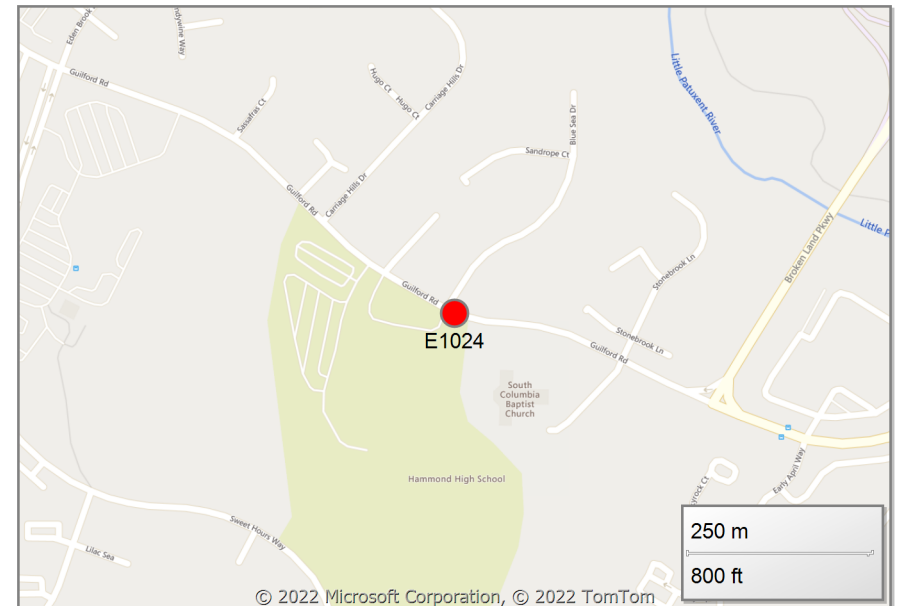
Project Schedule

2018: Feasibility Study
 2018-2020: Planning
 2020-2023: Construction

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of the HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Total project cost estimate is reduced due to favorable construction bids.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1024-FY2019 HAMMOND HIGH SCHOOL RENOVATION/ADDITION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	4,000	0	4,000	0	0	0	0	0	0	0	0	0	0	4,000
CONSTRUCTION	63,064	24,216	87,280	11,000	0	0	0	0	11,000	0	0	0	0	98,280
EQUIPMENT & FURNISHINGS	0	4,300	4,300	0	0	0	0	0	0	0	0	0	0	4,300
Total Expenditures	67,064	28,516	95,580	11,000	0	0	0	0	11,000	0	0	0	0	106,580
BONDS	42,153	7,516	49,669	(2,901)	0	0	0	0	(2,901)	0	0	0	0	46,768
STATE AID for SCHOOLS	6,920	21,000	27,920	13,901	0	0	0	0	13,901	0	0	0	0	41,821
TRANSFER TAX	4,102	0	4,102	0	0	0	0	0	0	0	0	0	0	4,102
Other GO	13,889	0	13,889	0	0	0	0	0	0	0	0	0	0	13,889
Total Funding	67,064	28,516	95,580	11,000	0	0	0	0	11,000	0	0	0	0	106,580

\$0 spent and encumbered through February 2022

\$38,006,000 spent and encumbered through February 2021

Project Status Construction Phase.

FY 2022 Budget	67,064	28,490	95,554	11,000	0	0	0	0	11,000	0	0	0		106,554
Difference 2022 / 2023	0	26	26	0	0	0	0	0	0	0	0	0	0	26

Changes from previous year request results from: reduction in total project cost due to favorable bids; cash flow adjustment to align with construction phase draw schedule; and \$9.6 million reduction in the preliminary State funding recommended by the Interagency Commission on School Construction (IAC) compared to the prior year plan.

Project: E1025-CENTENNIAL HIGH SCHOOL RENOVATION ADDITION

Description

A renovation and addition project including the expansion of educational program spaces at Centennial High School. Interior spaces will be reconfigured as needed. The project will partially address deficiencies in educational program space which were identified in a facilities assessment survey. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 for complete description of process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

A high school facility needs assessment documented the necessity for this renovation.

Remarks

1. The original building was completed in 1977.
2. It requires updating to align with current educational standards.
3. In FY20, the project name changed to Renovation|Addition.

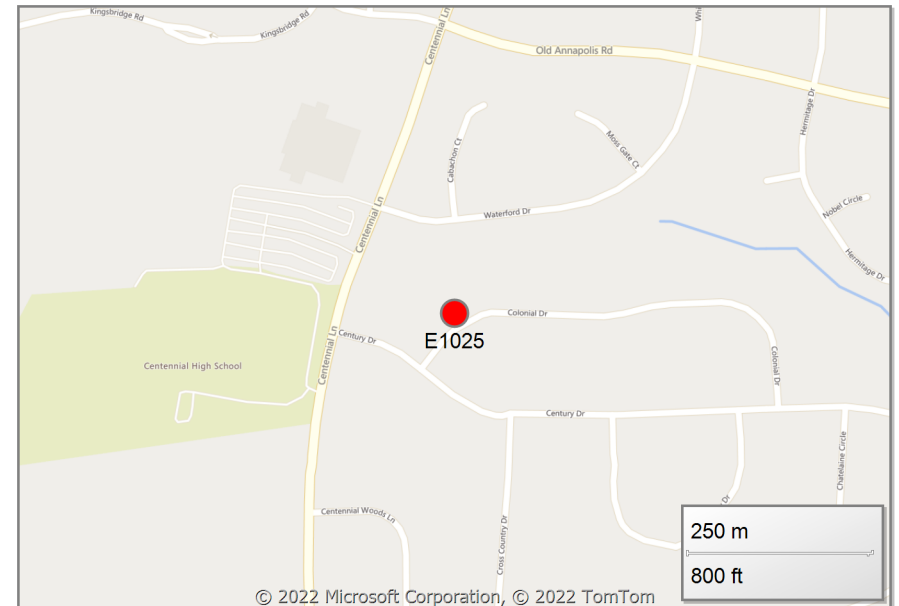
Project Schedule

2028: Feasibility Study
 2028-2029: Planning
 2029-2031: Construction

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of the HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1025-CENTENNIAL HIGH SCHOOL RENOVATION ADDITION

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	0	0	0	0	8,808	8,808	0	0	0	0	8,808
CONSTRUCTION	0	0	0	0	0	0	0	0	0	14,680	46,977	24,255	14,680	100,592
EQUIPMENT & FURNISHINGS	0	0	0	0	0	0	0	0	0	0	0	4,105	0	4,105
Total Expenditures	0	0	0	0	0	0	0	8,808	8,808	14,680	46,977	28,360	14,680	113,505
BONDS	0	0	0	0	0	0	0	8,808	8,808	442	27,993	14,122	14,680	66,045
STATE AID for SCHOOLS	0	0	0	0	0	0	0	0	0	14,238	18,984	14,238	0	47,460
Total Funding	0	0	0	0	0	0	0	8,808	8,808	14,680	46,977	28,360	14,680	113,505

**\$0 spent and encumbered through February 2022
 spent and encumbered through February 2021
 Project Status**

Difference 2022 / 2023	0	0	0	0	0	0	0	8,808	8,808	14,680	46,977	28,360	14,680	113,505
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Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1028-FY2016 NEW ELEMENTARY SCHOOL #42

Description

A project to construct a new elementary school to relieve the Northeastern and Southeastern regions. The school will be constructed in accordance with requirements set forth in the June 2003 elementary educational specifications and have a capacity of 832 students. The complete scope of this project is defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 for complete description of process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

The region will exceed 115 percent utilization in 2023 and require approximately 1,000 additional seats.

Remarks

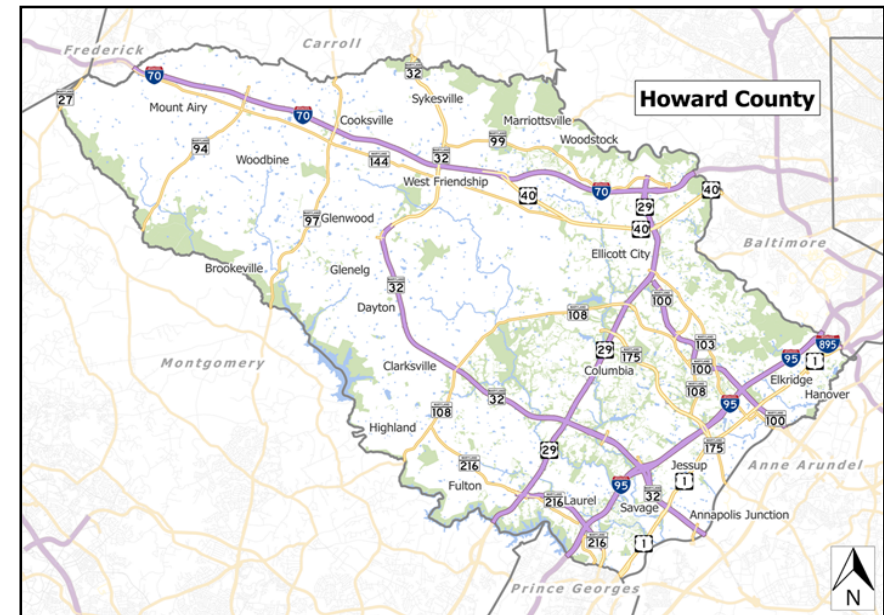
Project Schedule

- 2015: Feasibility Study
- 2015-2016: Planning
- 2016-2018: Construction
- 2020: Deauthorization due to cost savings

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1028-FY2016 NEW ELEMENTARY SCHOOL #42

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	2,807	0	2,807	0	0	0	0	0	0	0	0	0	0	2,807
CONSTRUCTION	36,071	0	36,071	0	0	0	0	0	0	0	0	0	0	36,071
EQUIPMENT & FURNISHINGS	2,845	0	2,845	0	0	0	0	0	0	0	0	0	0	2,845
Total Expenditures	41,723	0	41,723	0	0	0	0	0	0	0	0	0	0	41,723
BONDS	26,815	0	26,815	0	0	0	0	0	0	0	0	0	0	26,815
STATE AID for SCHOOLS	14,908	0	14,908	0	0	0	0	0	0	0	0	0	0	14,908
Total Funding	41,723	0	41,723	0	0	0	0	0	0	0	0	0	0	41,723

\$0 spent and encumbered through February 2022

\$40,964,877 spent and encumbered through February 2021

Project Status Construction Complete.

FY 2022 Budget	41,723	0	41,723	0	0	0	0	0	0	0	0	0		41,723
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAO2-2019 transferred \$150,000 in General Obligation Bonds to E0980.

Project: E1033-FY2015 PATUXENT VALLEY MIDDLE SCHOOL RENOVATION

Description

A project to expand educational program spaces and renovate Patuxent Valley Middle School. Interior spaces will be reconfigured as needed. The project will partially address deficiencies in educational program space which were identified in a recent facilities assessment survey. New spaces will be added as required. The complete scope of this project is defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 for complete description of process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

The recently completed middle school facility needs assessment documented the necessity for this renovation.

Remarks

1. The original building was constructed in 1989.
2. It requires updating to align with current educational standards.
3. FY20 TAO1 transferred \$211,000 from this project to E1044 (Systemic Renovations).

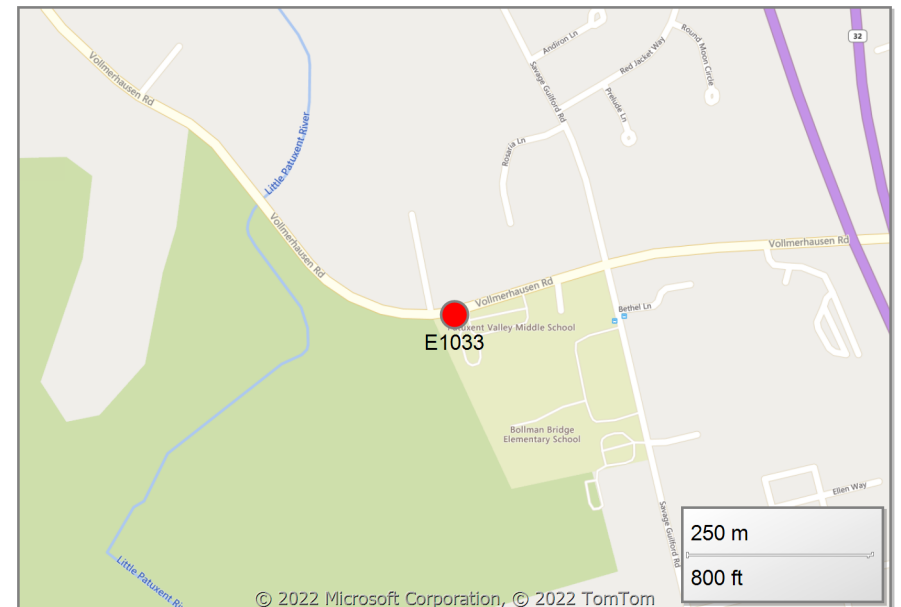
Project Schedule

July 2013-October 2013: Feasibility Study
 November 2013-September 2014: Planning
 January 2015-August 2017: Construction

Operating Budget Impact

Estimated operating cost impact upon completion: No increase

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1033-FY2015 PATUXENT VALLEY MIDDLE SCHOOL RENOVATION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,360	0	1,360	0	0	0	0	0	0	0	0	0	0	1,360
CONSTRUCTION	26,254	0	26,254	0	0	0	0	0	0	0	0	0	0	26,254
EQUIPMENT & FURNISHINGS	250	0	250	0	0	0	0	0	0	0	0	0	0	250
Total Expenditures	27,864	0	27,864	0	0	0	0	0	0	0	0	0	0	27,864
BONDS	15,860	0	15,860	0	0	0	0	0	0	0	0	0	0	15,860
STATE AID for SCHOOLS	10,604	0	10,604	0	0	0	0	0	0	0	0	0	0	10,604
TRANSFER TAX	1,400	0	1,400	0	0	0	0	0	0	0	0	0	0	1,400
Total Funding	27,864	0	27,864	0	0	0	0	0	0	0	0	0	0	27,864

\$0 spent and encumbered through February 2022

\$27,736,244 spent and encumbered through February 2021

Project Status Construction Complete.

FY 2022 Budget	27,864	0	27,864	0	0	0	0	0	0	0	0	0		27,864
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1035-FY2019 NEW HIGH SCHOOL #13

Description

A project to construct a new high school to accommodate enrollment growth. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 for complete description of process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

Based upon enrollment projections, at least one additional high school is needed to accommodate growth. Balanced capacity utilization in the Route 1 Corridor alone would require 1,160 additional seats by 2023.

Remarks

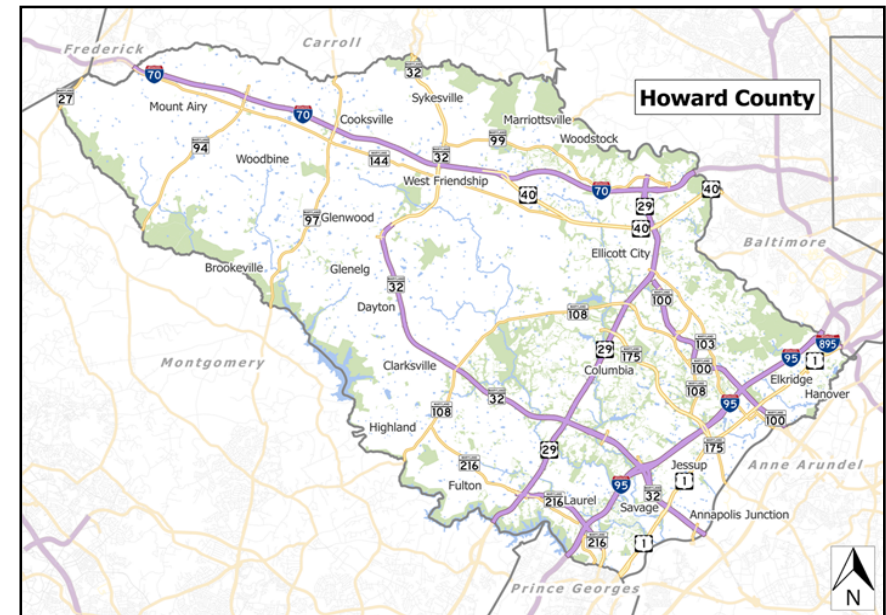
Project Schedule

October 2017-March 2018: Feasibility Study and Education Specifications
April 2018-September 2019: Planning
April 2020-August 2023: Construction

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Total project cost estimate increase due to updated square feet from 250,000 SF to 262,000 SF then to 289,000 SF and a higher State rate per square foot.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1035-FY2019 NEW HIGH SCHOOL #13

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	6,732	0	6,732	0	0	0	0	0	0	0	0	0	0	6,732
CONSTRUCTION	90,953	19,957	110,910	6,955	0	0	0	0	6,955	0	0	0	0	117,865
EQUIPMENT & FURNISHINGS	0	5,400	5,400	0	0	0	0	0	0	0	0	0	0	5,400
Total Expenditures	97,685	25,357	123,042	6,955	0	0	0	0	6,955	0	0	0	0	129,997
BONDS	50,059	8,297	58,356	2,762	0	0	0	0	2,762	0	0	0	0	61,118
EXCISE TAX	3,750	7,750	11,500	4,193	0	0	0	0	4,193	0	0	0	0	15,693
STATE AID for SCHOOLS	43,000	9,310	52,310	0	0	0	0	0	0	0	0	0	0	52,310
TRANSFER TAX	876	0	876	0	0	0	0	0	0	0	0	0	0	876
Total Funding	97,685	25,357	123,042	6,955	0	0	0	0	6,955	0	0	0	0	129,997

\$0 spent and encumbered through February 2022

\$54,986,000 spent and encumbered through February 2021

Project Status Planning and Design. Capacity of 1,658 students proposed to accommodate enrollment growth.

FY 2022 Budget	97,685	25,357	123,042	6,955	0	0	0	0	6,955	0	0	0		129,997
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Change from previous year request due to adjustment of cash flows to align with potential State funding participation and latest construction cost estimate from HCPSS based on preliminary procurement information. Total project cost reduced due to favorable bids. Cash flows updated to align with construction phase draw schedule.

Project: E1036-OAKLAND MILLS MIDDLE SCHOOL RENOVATION

Description

The Oakland Mills Middle School project will renovate and add seats to the existing facility. The project calls for a renovation of the existing building in accord with recommendations from the feasibility study. Renovation may include new electrical, mechanical, plumbing, technology, roofing, and life safety systems as applicable per the scope of work. Some interior spaces will be reconfigured, new finishes provided, accessibility improved, and new spaces added as required, bringing the facility into compliance with the Howard County Public School System Guidance Manual for Renovations and Modernizations of Existing Schools. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

Oakland Mills Middle School opened in 1972 and was renovated in 1998. In August 2008, HCPSS engaged Gilbert Architects Inc. to conduct a facility assessment of middle schools. This project evaluated and scored each school according to the Council of Educational Facilities Planners, International (CEFPI) appraisal guidelines. The assessment included reviewing each school's plan layouts and measurements of spaces to compare to the educational specifications developed by HCPSS for middle schools. The report concluded that Oakland Mills MS had 8.8 percent deficiency of educational program area.

Remarks

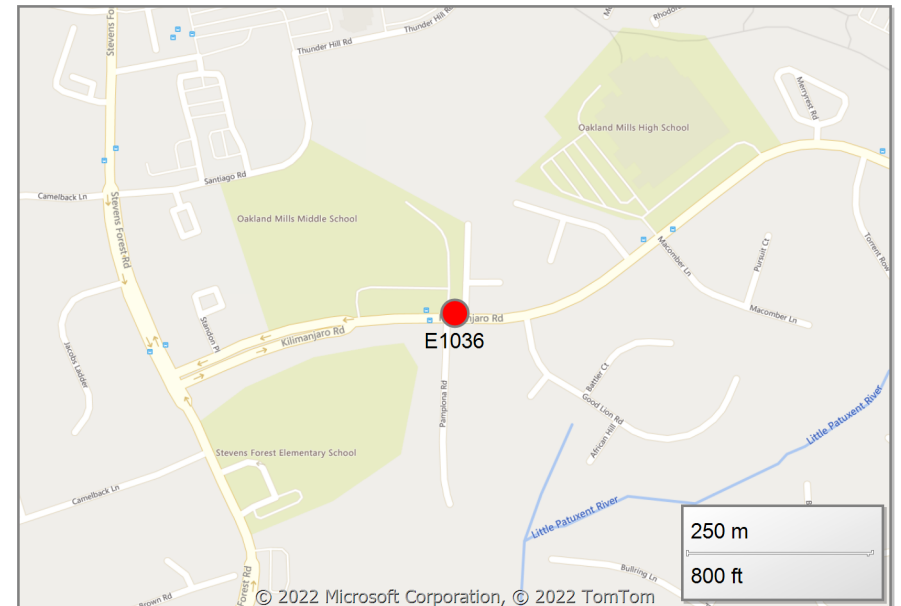
Project Schedule

2024: Feasibility Study
 2024-2025: Planning
 2025-2027: Construction

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Total project cost estimate increase due to higher State rate per square foot.
 Project cost increased due to inclusion of additional seats to the project.
 Increase in design capacity.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1036-OAKLAND MILLS MIDDLE SCHOOL RENOVATION

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	4,269	0	0	0	0	4,269	0	0	0	0	4,269
CONSTRUCTION	0	0	0	0	7,115	22,768	14,230	5,215	49,328	1,423	0	0	0	50,751
EQUIPMENT & FURNISHINGS	0	0	0	0	0	0	0	1,900	1,900	0	0	0	0	1,900
Total Expenditures	0	0	0	4,269	7,115	22,768	14,230	7,115	55,497	1,423	0	0	0	56,920
BONDS	0	0	0	4,269	83	13,391	1,719	7,115	26,577	1,423	0	0	0	28,000
EXCISE TAX	0	0	0	0	0	0	5,479	0	5,479	0	0	0	0	5,479
STATE AID for SCHOOLS	0	0	0	0	7,032	9,377	7,032	0	23,441	0	0	0	0	23,441
Total Funding	0	0	0	4,269	7,115	22,768	14,230	7,115	55,497	1,423	0	0	0	56,920

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status Scope: Project has been upgraded from a limited renovation to a complete renovation.

FY 2022 Budget	0	0	0	0	0	0	5,479	12,323	17,802	14,621	14,919	5,228		52,570
Difference 2022 / 2023	0	0	0	4,269	7,115	22,768	8,751	(5,208)	37,695	(13,198)	-14,919	-5,228	0	4,350

Cash flows adjusted to aid affordability. Project acceleration per Board of Education vote.

Project: E1037-ELLICOTT MILLS MIDDLE SCHOOL ADDITION

Description

The Ellicott Mills Middle School project will add 156 seats of new capacity to the existing school. This project will include an addition and limited renovation to ensure seamless operation of the expanded facility. The majority of existing walls will remain; therefore, most existing classrooms will remain as classrooms. The addition will be designed to retain the use of natural daylight. The cafeteria will be enlarged to meet educational program requirements. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

Ellicott Mills Middle School is the third iteration of the current middle school prototype and opened in 2001. Since 2015, the projections support the approved middle school capacity adjustments and the effort invested in redistricting. All middle schools in the Northeast were relieved of overcrowding by the opening of Thomas Viaduct MS, except Ellicott Mills MS. Redistricting scenarios using western capacity failed to resolve crowding and created unacceptable travel distances and unusually elongated attending areas. With these findings, planned expansion of Ellicott Mills MS was contemplated as early as 2015. This project is a next logical step after study of middle school capacity and analysis of redistricting scenarios.

Remarks

Recommend replacement of Ellicott Mills MS addition with seats at Oakland Mills MS in conjunction with the school's planned renovation.

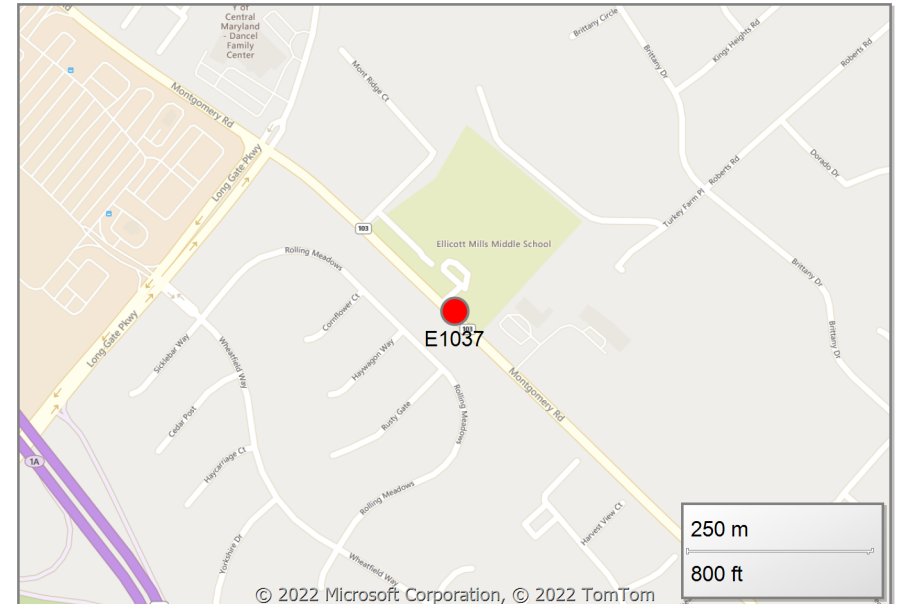
Project Schedule

Schedule to be determined.

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

Project: E1037-ELLCOTT MILLS MIDDLE SCHOOL ADDITION

(In Thousands)	Five Year Capital Program									Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
spent and encumbered through February 2022 spent and encumbered through February 2021 Project Status														
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: E1038-FY2017 PLANNING AND DESIGN

Description

The Planning and Design project has been established to provide funding for scope studies prior to the funding of individual projects. During the concept development stage, each project is summarized, supporting documentation is gathered, and necessary approvals are obtained before construction begins. A scope study provides the analysis to determine the scope of a project under consideration.

Justification

The value of these studies is having the flexibility to ask technical questions about projects before the formal design process. With these studies, projects can be right sized. Pricing for these studies is favorable because design consultants want to obtain the full design project. Through the scope study, an examination of the needs of an existing building as well as unexpected design circumstances can be explored. The studies can ensure the selection of the most effective scope for each project. This process will reduce the costs associated with significant changes in scope, which often occur in a compressed planning schedule. In the construction phase, the reduced number of change orders will lessen the impact on the construction schedule and decrease incremental costs.

Remarks

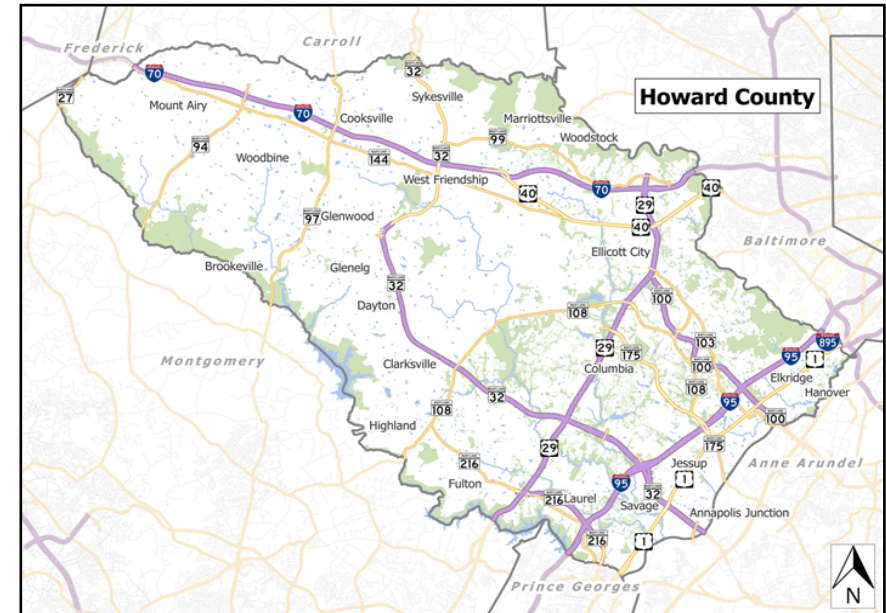
Project Schedule

Proposed scope studies may include out-year construction projects and/or the considerations for the potential mandate of All-Day Pre-K.

Operating Budget Impact

Estimated operating cost impact upon completion: No increase

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

N/A

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1038-FY2017 PLANNING AND DESIGN

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,100	450	1,550	300	300	300	300	300	1,500	300	300	300	300	4,250
Total Expenditures	1,100	450	1,550	300	300	300	300	300	1,500	300	300	300	300	4,250
BONDS	0	150	150	0	0	0	0	0	0	0	0	0	300	450
TRANSFER TAX	1,100	300	1,400	300	300	300	300	300	1,500	300	300	300	0	3,800
Total Funding	1,100	450	1,550	300	300	300	300	300	1,500	300	300	300	300	4,250

\$0 spent and encumbered through February 2022

\$500,292 spent and encumbered through February 2021

Project Status Ongoing.

FY 2022 Budget	1,100	300	1,400	300	300	300	300	300	1,500	300	300	300		3,800
Difference 2022 / 2023	0	150	150	0	0	0	0	0	0	0	0	0	300	450

Changes from prior plan reflect HCPSS prioritization within affordable funding levels.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1039-NEW ELEM SCHOOL #43

Description

The New Elementary School #43 will be a new facility. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

Based upon enrollment projections, an additional elementary school is needed to accommodate growth in southeastern Howard County. The projected growth in schools such as Hammond Elementary School, Gorman Crossing Elementary School, Forest Ridge Elementary School and Fulton Elementary School continues to support the additional seat need.

Remarks

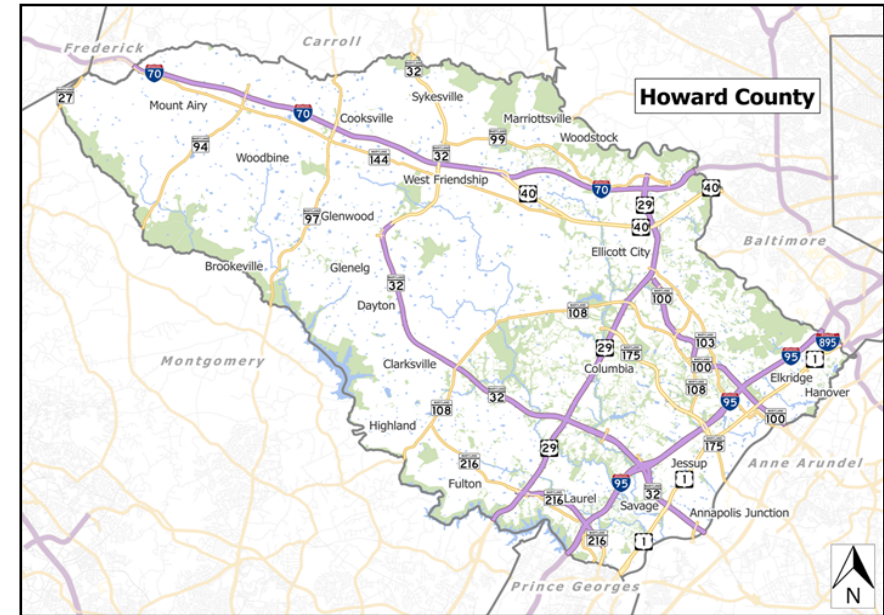
Project Schedule

2024: Feasibility Study
2024-2025: Planning
2025-2027: Construction

Operating Budget Impact

Upon completion, maintenance of this facility will be the responsibility of HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Total project cost estimate decrease due to updated square feet from 117,222 SF to 102,000 SF. Project estimate updated due to increases in the state school construction cost per square foot and increased design capacity.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1039-NEW ELEM SCHOOL #43

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	5,115	0	0	0	0	5,115	0	0	0	0	5,115
CONSTRUCTION	0	0	0	0	25,577	27,282	6,026	1,705	60,590	0	0	0	0	60,590
EQUIPMENT & FURNISHINGS	0	0	0	0	0	0	2,500	0	2,500	0	0	0	0	2,500
Total Expenditures	0	0	0	5,115	25,577	27,282	8,526	1,705	68,205	0	0	0	0	68,205
BONDS	0	0	0	5,115	10,191	12,764	205	1,705	29,980	0	0	0	0	29,980
EXCISE TAX	0	0	0	0	7,065	3,423	0	0	10,488	0	0	0	0	10,488
STATE AID for SCHOOLS	0	0	0	0	8,321	11,095	8,321	0	27,737	0	0	0	0	27,737
Total Funding	0	0	0	5,115	25,577	27,282	8,526	1,705	68,205	0	0	0	0	68,205

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status

FY 2022 Budget	0	0	0	0	7,065	17,500	17,000	17,258	58,823	6,030	0	0		64,853
Difference 2022 / 2023	0	0	0	5,115	18,512	9,782	(8,474)	(15,553)	9,382	(6,030)	0	0	0	3,352

Project scope capacity reduced from 810 to 600, and cash flows adjusted to align with potential State funding participation. Project occupancy changed to September 2027.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1040-NEW ELEM SCHOOL #44

Description

The New Elementary School #44 will be a new facility in the Northern region to accommodate enrollment growth. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

Based upon enrollment projections, an additional elementary school is needed to accommodate growth in northwestern Howard County. A future school site has been acquired by Howard County in the Turf Valley development. Transfer of the land to the HCPSS land bank is underway. The projected enrollment growth in schools such as Manor Woods Elementary School, Waverly Elementary School, and West Friendship Elementary School supports the additional seat need.

Remarks

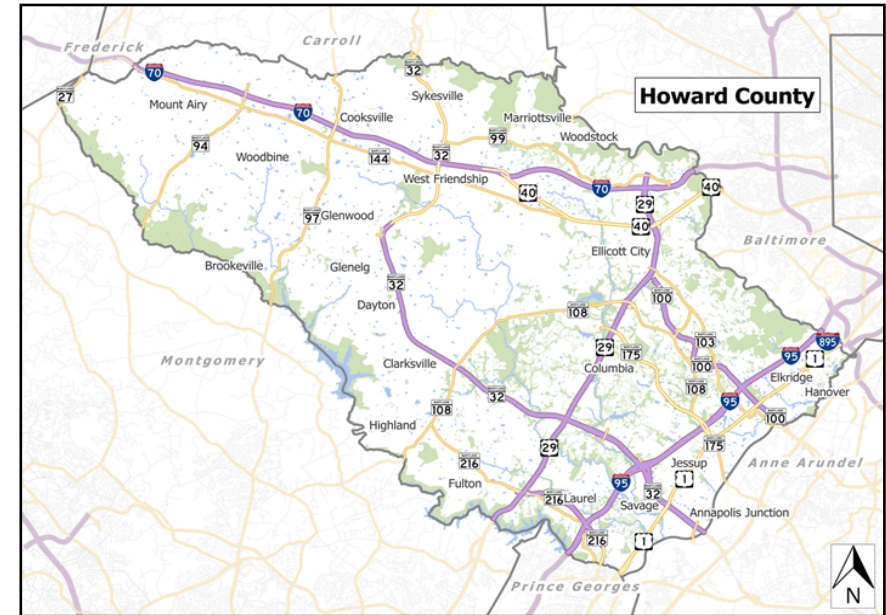
Project Schedule

To be determined.

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Total project cost estimate increase due to higher State rate per square foot.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1040-NEW ELEM SCHOOL #44

(In Thousands)	Five Year Capital Program									Master Plan				Total Project
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	
PLANS & ENGINEERING	0	0	0	0	0	0	0	4,542	4,542	0	0	0	0	4,542
CONSTRUCTION	0	0	0	0	0	0	0	0	0	22,710	24,224	5,370	1,514	53,818
EQUIPMENT & FURNISHINGS	0	0	0	0	0	0	0	0	0	0	0	2,200	0	2,200
Total Expenditures	0	0	0	0	0	0	0	4,542	4,542	22,710	24,224	7,570	1,514	60,560
BONDS	0	0	0	0	0	0	0	0	0	7,821	6,872	181	1,514	16,388
EXCISE TAX	0	0	0	0	0	0	0	4,542	4,542	7,500	7,500	0	0	19,542
STATE AID for SCHOOLS	0	0	0	0	0	0	0	0	0	7,389	9,852	7,389	0	24,630
Total Funding	0	0	0	0	0	0	0	4,542	4,542	22,710	24,224	7,570	1,514	60,560

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status

FY 2022 Budget	0	0	0	0	0	0	0	6,000	6,000	24,000	20,000	7,584		57,584
Difference 2022 / 2023	0	0	0	0	0	0	0	(1,458)	(1,458)	(1,290)	4,224	-14	1,514	2,976

Cash flow adjusted to align with potential State funding participation. Project occupancy changed to TBD.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1041-NEW ELEM SCHOOL #45

Description

The New Elementary School #45 will be a new facility in the Columbia West region to accommodate enrollment growth. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

Running Brook ES (with expansion) is expected to exceed 110 percent utilization by 2024. A redistricting strategy alone, which uses nearby schools like Clarksville ES will not provide as adequate solution to accommodate the projected growth. Faulkner Ridge Center was closed on July 1, 2011. This site is a likely location for redevelopment as a future school.

Remarks

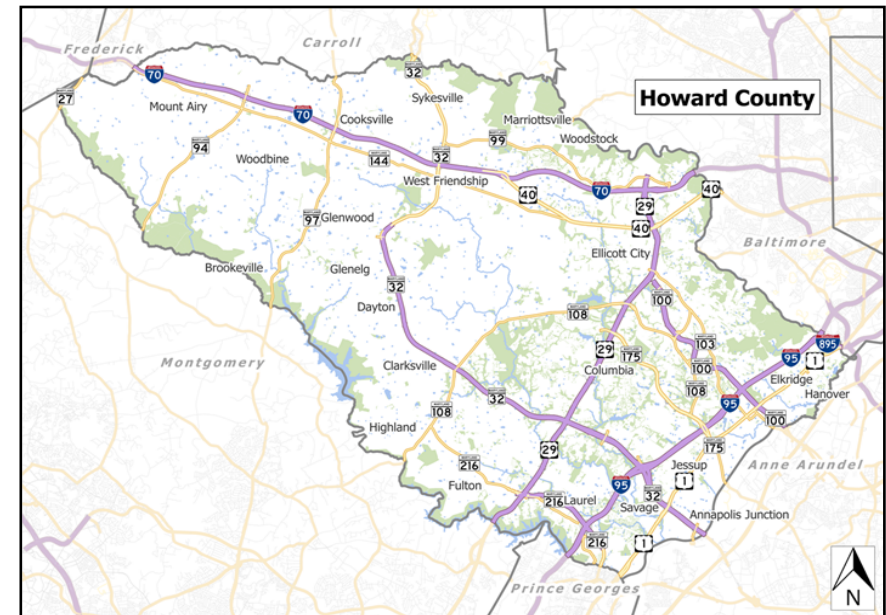
Project Schedule

Schedule to be determined.

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of the HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Overall, total project cost estimate decrease due to updated square feet from 117,222 SF to 80,000 SF. Total project increase due to higher State rate per square foot. Project estimate updated due to increases in the state school construction cost per square foot.

Fiscal 2023 Capital Budget

Project: E1041-NEW ELEM SCHOOL #45

(In Thousands)	Five Year Capital Program										Master Plan			
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
spent and encumbered through February 2022 spent and encumbered through February 2021 Project Status														
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Change in previous year request due to project occupancy change from 2029 to 2030, project scope capacity reduced from 810 to 480, and cash flows adjusted to align with potential State funding participation. Project occupancy to be determined.

Project: E1043-FY2019 TALBOTT SPRINGS ELEM SCHOOL REPLACEMENT

Description

The planned scope of work for Talbott Springs Elementary School (TSES) includes a full replacement with a capacity of 540 students to provide an energy efficient building with programmatic and physical upgrades as well as new mechanical, electrical, and technology systems. The project also addresses educational program space needs. HCPSS is seeking a state funding contribution for the full replacement project. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

TSES opened in 1973 and was renovated in 2000. The school was expanded in 2000 (art room and gymnasium) and 2008 (all day kindergarten). In April 2009, HCPSS engaged Gilbert Architects Inc. to conduct a facility assessment of elementary schools. The report concluded that TSES had 18.7 percent deficiency of educational program area of the 40 elementary schools operating at that time.

Remarks

FY21 includes \$6M in County funding previously anticipated to be funded by the State in FY21 in order to keep the project on schedule.

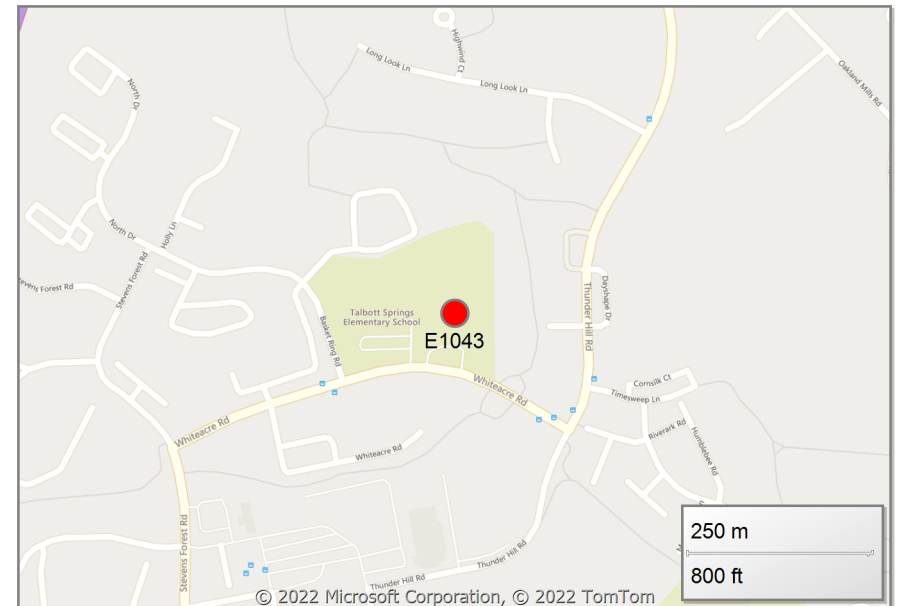
Project Schedule

- 2018: Feasibility Study
- 2018-2019: Planning
- 2020-2022: Construction

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

FY19 Title changed to further define by adding Replacement. Project estimate updated due to increases in the state school construction cost per square foot.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1043-FY2019 TALBOTT SPRINGS ELEM SCHOOL REPLACEMENT

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,750	0	1,750	0	0	0	0	0	0	0	0	0	0	1,750
CONSTRUCTION	40,117	0	40,117	0	0	0	0	0	0	0	0	0	0	40,117
EQUIPMENT & FURNISHINGS	1,600	0	1,600	0	0	0	0	0	0	0	0	0	0	1,600
Total Expenditures	43,467	0	43,467	0	0	0	0	0	0	0	0	0	0	43,467
BONDS	25,570	0	25,570	0	0	0	0	0	0	0	0	0	0	25,570
STATE AID for SCHOOLS	16,897	0	16,897	0	0	0	0	0	0	0	0	0	0	16,897
EDUCATION EXCISE BONDS	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
Total Funding	43,467	0	43,467	0	0	0	0	0	0	0	0	0	0	43,467

\$0 spent and encumbered through February 2022

\$38,377,000 spent and encumbered through February 2021

Project Status 2017: Feasibility Study.

2018: Revised Feasibility Study

2017-2019: Planning.

Under construction. .

FY 2022 Budget	43,467	0	43,467	0	0	0	0	0	0	0	0	0		43,467
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0		0

The prior appropriation was modified to reflect passage of Council Bill No. 44-2020 which amended the Fiscal Year 2021 Annual Budget and Appropriation (Council Bill No. 25-2020) to reflect \$5.698 million in additional State funding received. Change from previous year request due to adjustment of cash flows to align with potential State funding participation.

Project: E1044-FY2019 SYSTEMIC RENOVATIONS

Description

Improvements and installation of systemic renovations at various school sites. Includes projects of a critical nature such as sprinkler repair, HVAC repair, boiler|chiller replacements|repairs, window|door replacements, vehicles including but not limited to dump trucks, security initiatives including but not limited to door replacements|repairs, kitchen modernizations, special education|regional program needs, indoor environmental quality repairs, emergency replacements|repairs, and other projects in support of the local CIP outlined in the HCPSS Comprehensive Maintenance Plan, as well as emergent projects on school properties. For larger systemic renovation projects, the complete scope of these projects are defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 for complete description of process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

Program will include projects that are needed to bring older facilities up to current standards in lighting, electrical, HVAC systems, reconfiguring space, handicap accessible improvements, vehicle purchase including but not limited to dump trucks, and provide for upgrades of other building systems.

Remarks

1. The systemic renovations project also supports emergency and deferred systemic capital projects.
2. FY20 TAO1 transferred a total of \$1,563,000 to this project from E0973, E1030, E1031, E1033 and E1034.
3. OTHER GO represents general obligation bonds supported by transfer tax revenues.

Project Schedule

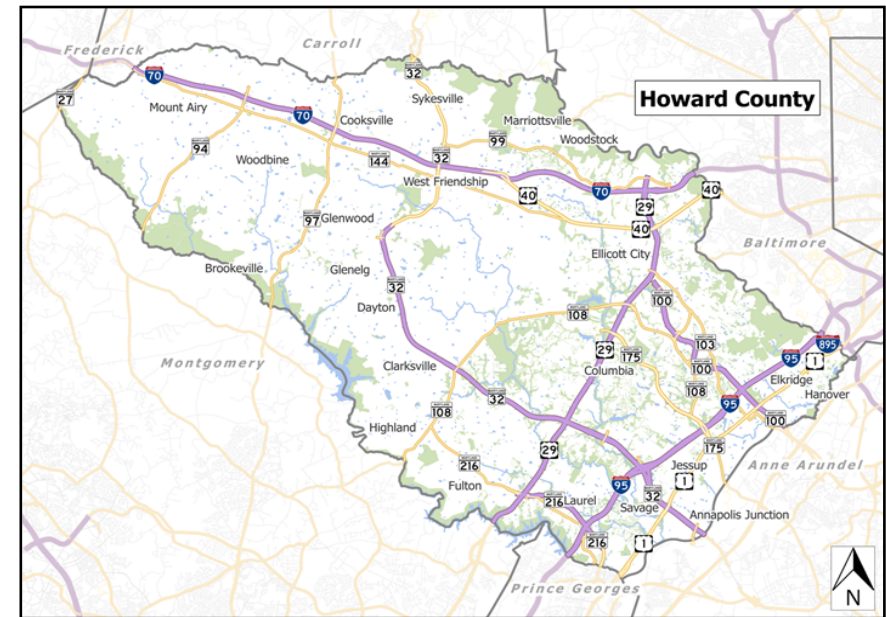
FY 2023 Capital Budget represents renovation work or planning for future construction at the following school facilities, as funding is available:

1. Applications and Research Lab Maintenance
2. West Friendship ES MBR|Well
3. Grounds|Fleet Infrastructure Capital Needs
4. HCPSS portion of Artificial Turf Replacement
5. Guilford ES Exterior Doors|Windows
6. Manor Woods ES Wastewater Treatment Plant
7. Jeffers Hill ES Boiler Replacement
8. Manor Woods ES HVAC Replacement
9. Deferred Maintenance Components
10. Administrative Office
11. Kitchen Modernizations
12. Special Education|Regional Program Needs
13. Indoor Environmental Quality Repairs
14. School Security Measures
15. Local Match for State Initiatives
16. Emergency Reserve

Operating Budget Impact

Upon completion, the maintenance of these facilities will be the responsibility of HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Increased estimates of HVAC Replacements (4). Added Boiler Replacements (3) and Grounds|Fleet Infrastructure Capital Needs. Increased Emergency Reserve requests.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1044-FY2019 SYSTEMIC RENOVATIONS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	69,201	30,630	99,831	33,767	31,843	23,909	26,226	23,000	138,745	17,000	17,000	17,000	17,000	306,576
Total Expenditures	69,201	30,630	99,831	33,767	31,843	23,909	26,226	23,000	138,745	17,000	17,000	17,000	17,000	306,576
BONDS	26,182	15,300	41,482	21,831	21,757	16,959	17,988	15,490	94,025	12,850	12,850	12,850	17,000	191,057
EXCISE TAX	1,800	1,000	2,800	1,000	1,000	1,000	1,000	0	4,000	0	0	0	0	6,800
PAY AS YOU GO	3,900	0	3,900	0	0	0	0	0	0	0	0	0	0	3,900
STATE AID for SCHOOLS	6,749	7,330	14,079	5,936	5,936	2,800	4,088	3,360	22,120	0	0	0	0	36,199
TRANSFER TAX	24,772	7,000	31,772	5,000	3,150	3,150	3,150	4,150	18,600	4,150	4,150	4,150	0	62,822
Other GO	5,798	0	5,798	0	0	0	0	0	0	0	0	0	0	5,798
Total Funding	69,201	30,630	99,831	33,767	31,843	23,909	26,226	23,000	138,745	17,000	17,000	17,000	17,000	306,576

\$0 spent and encumbered through February 2022

\$29,920,287 spent and encumbered through February 2021

Project Status See Project Schedule. See Remarks. Ongoing.

FY 2022 Budget	69,201	20,948	90,149	43,068	32,860	27,573	32,875	15,088	151,464	22,000	15,019	10,838		289,470
Difference 2022 / 2023	0	9,682	9,682	(9,301)	(1,017)	(3,664)	(6,649)	7,912	(12,719)	(5,000)	1,981	6,162	17,000	17,106

The prior appropriation was modified to reflect passage of Council Bill No. 44-2020 which amended the Fiscal Year 2021 Annual Budget and Appropriation (Council Bill No. 25-2020) to reflect a \$402 thousand reduction in State funding. Changes from prior plan reflect HCPSS prioritization within affordable funding levels. TAO2-2019 transferred in \$500,000 in General obligation bonds from projects E1031 and E1034.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1045-FY2019 RELOCATABLE CLASSROOMS

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	8,000	2,000	10,000	1,500	1,500	1,500	1,500	1,500	7,500	1,500	1,500	1,500	1,500	23,500
Total Expenditures	8,000	2,000	10,000	1,500	1,500	1,500	1,500	1,500	7,500	1,500	1,500	1,500	1,500	23,500
BONDS	4,800	500	5,300	0	0	0	0	0	0	0	0	0	1,500	6,800
TRANSFER TAX	3,200	1,500	4,700	1,500	1,500	1,500	1,500	1,500	7,500	1,500	1,500	1,500	0	16,700
Total Funding	8,000	2,000	10,000	1,500	1,500	1,500	1,500	1,500	7,500	1,500	1,500	1,500	1,500	23,500

\$0 spent and encumbered through February 2022

\$5,371,682 spent and encumbered through February 2021

Project Status Ongoing.

FY 2022 Budget	8,000	1,500	9,500	1,500	1,500	1,500	1,500	1,500	7,500	1,500	1,500	1,500		21,500
Difference 2022 / 2023	0	500	500	0	0	0	0	0	0	0	0	0	1,500	2,000

Changes from prior plan reflect HCPSS prioritization within affordable funding levels.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1046-FY2019 ROOFING

Description

Reroofing for various schools including design and construction of repairs to existing roofs, old roof removal, new flashing and drains, and installation of new roofing structure and material.

Justification

The roof system is the largest single area of the building that must endure the most severe weather conditions. The roof protects the structural integrity of the building as well as equipment. Because of building age and environmental conditions, scheduled roof replacements must be completed to protect the investment that has been made in many facilities.

Remarks

When feasible, roofing projects will be considered in conjunction with systemic renovations.

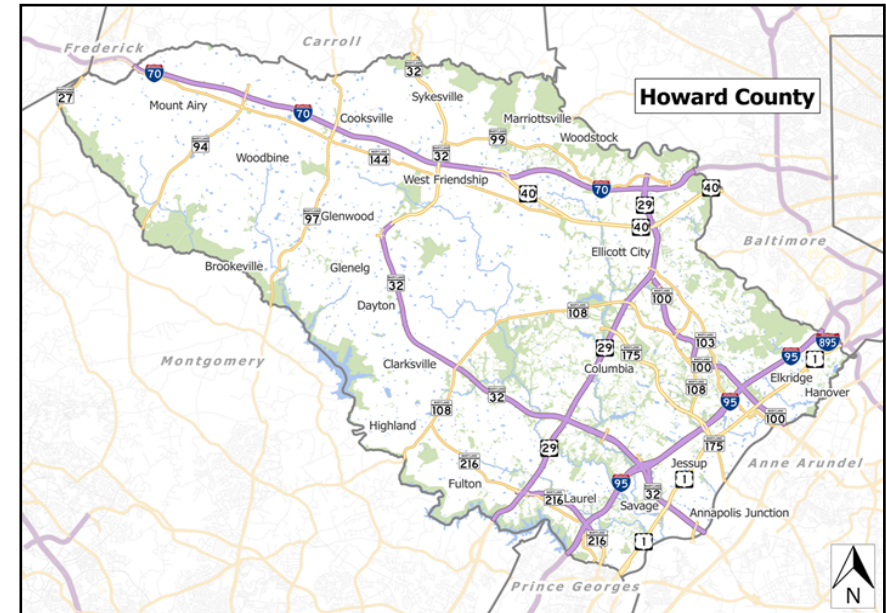
Project Schedule

Roof replacements per individual location schedules.

Operating Budget Impact

Estimated operating cost impact upon completion: No increase

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

N/A

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1046-FY2019 ROOFING

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	17,997	5,000	22,997	1,000	5,000	5,000	5,000	5,000	21,000	5,000	5,000	5,000	5,000	63,997
Total Expenditures	17,997	5,000	22,997	1,000	5,000	5,000	5,000	5,000	21,000	5,000	5,000	5,000	5,000	63,997
BONDS	8,888	589	9,477	0	250	250	250	250	1,000	250	250	250	2,500	13,727
EXCISE TAX	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
STATE AID for SCHOOLS	8,109	3,411	11,520	0	2,500	2,500	2,500	2,500	10,000	2,500	2,500	2,500	2,500	31,520
TRANSFER TAX	0	1,000	1,000	1,000	2,250	2,250	2,250	2,250	10,000	2,250	2,250	2,250	0	17,750
Total Funding	17,997	5,000	22,997	1,000	5,000	5,000	5,000	5,000	21,000	5,000	5,000	5,000	5,000	63,997

\$0 spent and encumbered through February 2022

\$4,188,342 spent and encumbered through February 2021

Project Status Ongoing.

FY 2022 Budget	17,997	1,000	18,997	1,000	4,750	4,750	4,750	4,750	20,000	4,750	4,750	4,750		53,247
Difference 2022 / 2023	0	4,000	4,000	0	250	250	250	250	1,000	250	250	250	5,000	10,750

\$2.5 million reduction in the preliminary Interagency Commission on School Construction (IAC) recommended State funding level compared to the prior year plan.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1047-SITE ACQUISITION AND CONSTRUCTION RESERVE

Description

This project is a contingency fund for site acquisition and school construction reserve at various school sites. Recent emergent maintenance requirements have strained the school system's existing construction contingency accounts and additional funding is required to ensure that urgently needed repairs can be completed without delay.

Justification

This project is needed as a contingency reserve providing funds for use on an as-needed basis.

Remarks

Site funds are needed for future enrollment growth.

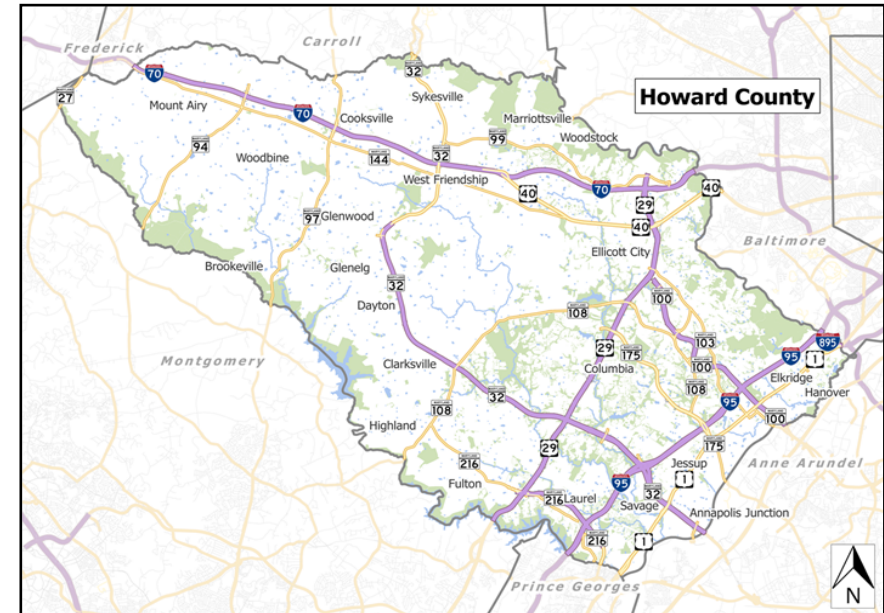
Project Schedule

Ongoing.

Operating Budget Impact

Estimated operating cost impact upon completion: No increase

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

N/A

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1047-SITE ACQUISITION AND CONSTRUCTION RESERVE

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
CONSTRUCTION	0	1,000	1,000	0	0	0	2,000	2,000	4,000	2,000	2,000	2,000	2,000	13,000
Total Expenditures	0	1,000	1,000	0	0	0	2,000	2,000	4,000	2,000	2,000	2,000	2,000	13,000
BONDS	0	1,000	1,000	0	0	0	2,000	500	2,500	2,000	2,000	2,000	2,000	11,500
EXCISE TAX	0	0	0	0	0	0	0	1,500	1,500	0	0	0	0	1,500
Total Funding	0	1,000	1,000	0	0	0	2,000	2,000	4,000	2,000	2,000	2,000	2,000	13,000

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status Ongoing.

FY 2022 Budget	0	0	0	0	0	0	0	2,000	2,000	1,999	2,000	2,000		7,999
Difference 2022 / 2023	0	1,000	1,000	0	0	0	2,000	0	2,000	1	0	0	2,000	5,001

Changes from prior plan reflect the inability to fund at current funding levels.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1048-FY2019 TECHNOLOGY

Description

A capital project to provide and sustain a viable technology infrastructure consistent with the HCPSS strategic technology plan at various school sites.

Justification

Funds are required for continuous improvements and upgrades to the HCPSS network infrastructure, computer systems, and applications to ensure that instruction and business technology needs are met in a secure, standard, and equitable manner.

Remarks

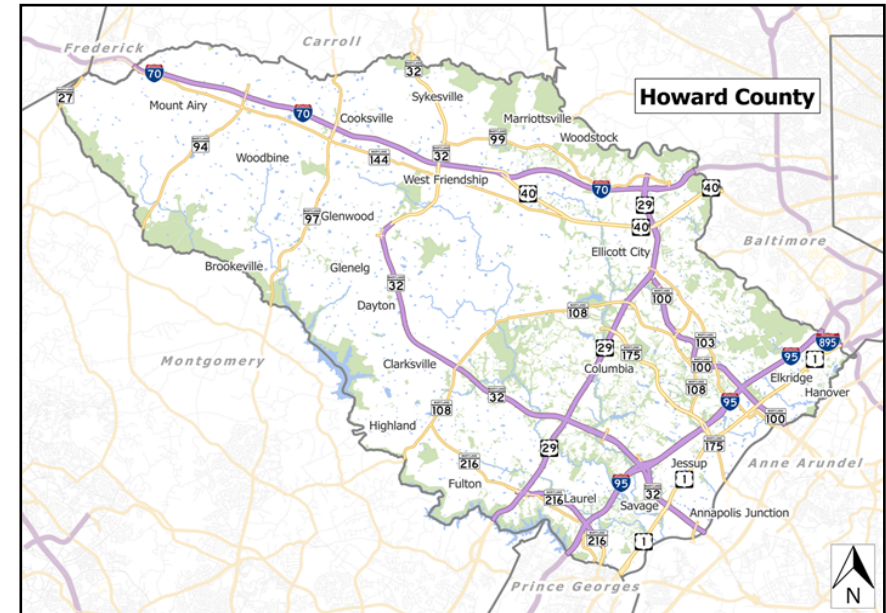
Project Schedule

Eligible Projects Including but not limited to: School Servers, Wireless APs+Ctrls, Data Center Switches, VOIP Switches+Tel Sets, curriculum computers, Testing+Instructional computers, and HS labs computers, telecommunication systems, Cybersecurity, Enterprise Printing, Student Devices, Enterprise Infrastructure, and Enterprise Applications.

Operating Budget Impact

Estimated operating cost impact upon completion: No increase

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

N/A

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1048-FY2019 TECHNOLOGY

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
EQUIPMENT & FURNISHINGS	7,500	5,500	13,000	5,500	7,500	7,500	5,500	5,500	31,500	5,500	5,500	5,500	5,500	66,500
Total Expenditures	7,500	5,500	13,000	5,500	7,500	7,500	5,500	5,500	31,500	5,500	5,500	5,500	5,500	66,500
BONDS	0	4,500	4,500	2,500	4,500	4,500	2,500	2,500	16,500	2,500	2,500	2,500	5,500	34,000
TRANSFER TAX	7,500	1,000	8,500	3,000	3,000	3,000	3,000	3,000	15,000	3,000	3,000	3,000	0	32,500
Total Funding	7,500	5,500	13,000	5,500	7,500	7,500	5,500	5,500	31,500	5,500	5,500	5,500	5,500	66,500

\$0 spent and encumbered through February 2022

\$1,633,771 spent and encumbered through February 2021

Project Status Technology improvements provide instructional opportunities that assist teachers as they provide students opportunities to master technology literacy standards and gain college and career ready skills and knowledge.

FY 2022 Budget	7,500	1,000	8,500	3,000	3,000	3,000	3,000	3,000	15,000	3,000	3,000	3,000		32,500
Difference 2022 / 2023	0	4,500	4,500	2,500	4,500	4,500	2,500	2,500	16,500	2,500	2,500	2,500	5,500	34,000

Changes from prior plan reflect HCPSS prioritization within affordable funding levels.

Project: E1049-DUNLOGGIN MS RENOVATION/ADDITION

Description

A project to expand educational program spaces with 233 seats of new capacity and renovate Dunloggin Middle School. The renovation will include a complete systemic renovation of the existing building including new electrical, mechanical, plumbing, technology, roofing and life safety systems. The seats of additional classroom space and core infrastructure space will allow the building to operate effectively at the larger capacity. Interior spaces will be reconfigured, new finishes provided, accessibility improved, and new spaces added as required to bring the facility into compliance with renovation specifications. The complete scope of this project is defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 for complete description of process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

A 2008 facility assessment of middle schools concluded that Dunloggin Middle School has a 13.8 percent deficiency of educational program area of the 19 middle schools operating at that time.

Remarks

The original building was constructed in 1973.

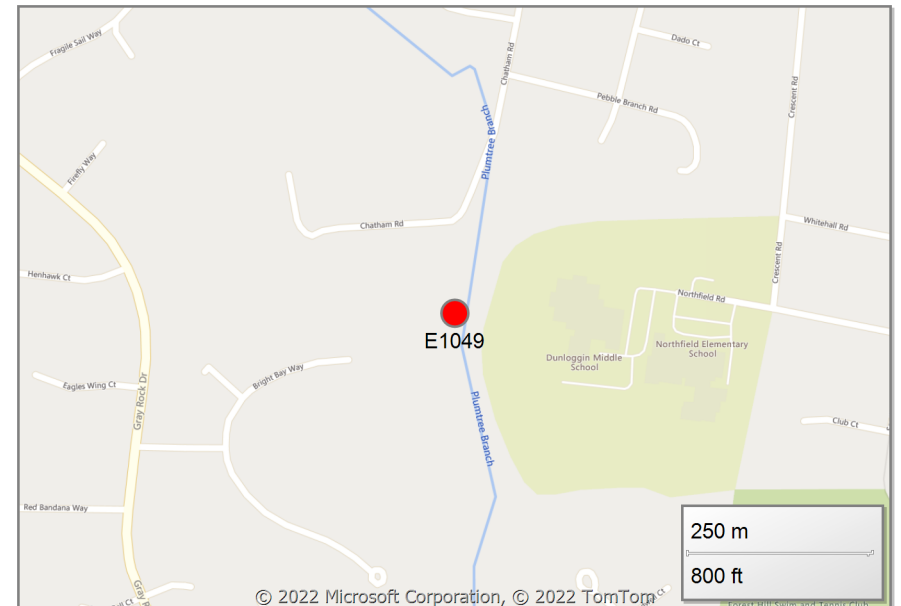
Project Schedule

- 2024: Feasibility Study
- 2024-2025: Planning
- 2025-2027: Construction

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

Project estimate updated due to increases in the state school construction cost per square foot and increased design capacity.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1049-DUNLOGGIN MS RENOVATION/ADDITION

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	4,004	0	0	0	0	4,004	0	0	0	0	4,004
CONSTRUCTION	0	0	0	0	6,673	21,352	11,445	6,673	46,143	1,135	0	0	0	47,278
EQUIPMENT & FURNISHINGS	0	0	0	0	0	0	1,900	0	1,900	0	0	0	0	1,900
Total Expenditures	0	0	0	4,004	6,673	21,352	13,345	6,673	52,047	1,135	0	0	0	53,182
BONDS	0	0	0	447	0	8,536	4,770	6,673	20,426	1,135	0	0	0	21,561
EXCISE TAX	0	0	0	3,557	119	4,077	2,021	0	9,774	0	0	0	0	9,774
STATE AID for SCHOOLS	0	0	0	0	6,554	8,739	6,554	0	21,847	0	0	0	0	21,847
Total Funding	0	0	0	4,004	6,673	21,352	13,345	6,673	52,047	1,135	0	0	0	53,182

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status

FY 2022 Budget	0	0	0	3,557	9,555	14,077	14,418	5,884	47,491	0	0	0		47,491
Difference 2022 / 2023	0	0	0	447	(2,882)	7,275	(1,073)	789	4,556	1,135	0	0	0	5,691

Cash flows adjusted to aid affordability and to align with potential State funding participation.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1050-CLARKSVILLE ES ADDITION

Description

The Clarksville Elementary School project will expand educational program spaces with 150 seats of new capacity for a new Elementary Regional Language Immersion Program. The program is under development and project details are forthcoming. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

This project calls for an expansion of the educational program spaces to address space needed for the new Elementary Regional Language Immersion Program.

Remarks

1. The original building was built in 1964.
2. The last renovation/addition was in 2002.

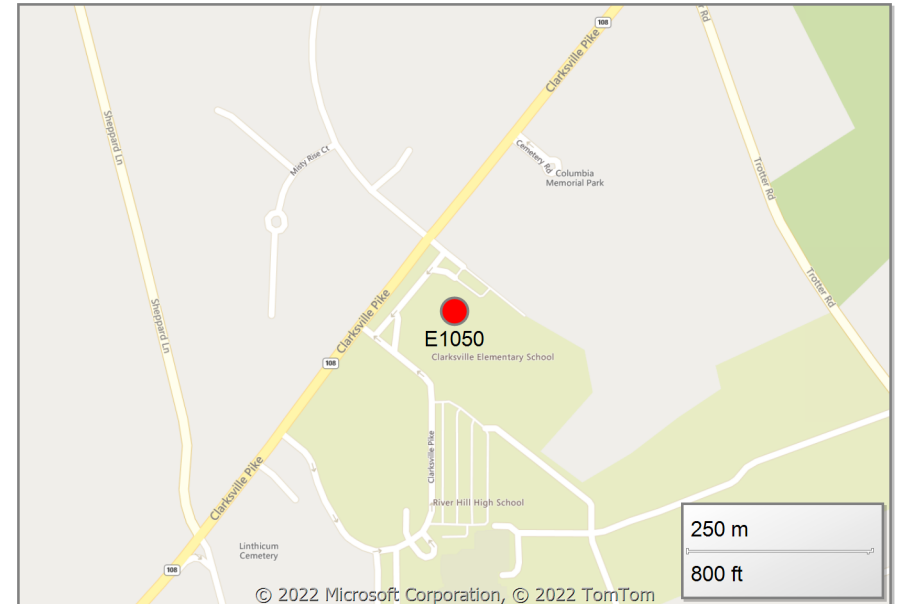
Project Schedule

FY20 - Project is in the financial close out process

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

Project: E1050-CLARKSVILLE ES ADDITION

(In Thousands)	Five Year Capital Program										Master Plan			
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
spent and encumbered through February 2022 spent and encumbered through February 2021 Project Status Planning.														
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project removed from long-range budget request indefinitely.

Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1052-FY2024 NEW HIGH SCHOOL #14

Description

The New High School #14 will be a new facility. The completed scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

The projection shows continued growth for high school enrollment, with much of the growth along the Route 1 Corridor. The construction of HS #13 and the Hammond HS addition are scheduled to open in September 2023). Projections through 2030 indicate continued enrollment increases and the possible need for a 14th high school in the early to mid-2030s. Projections are developed and monitored annually.

Remarks

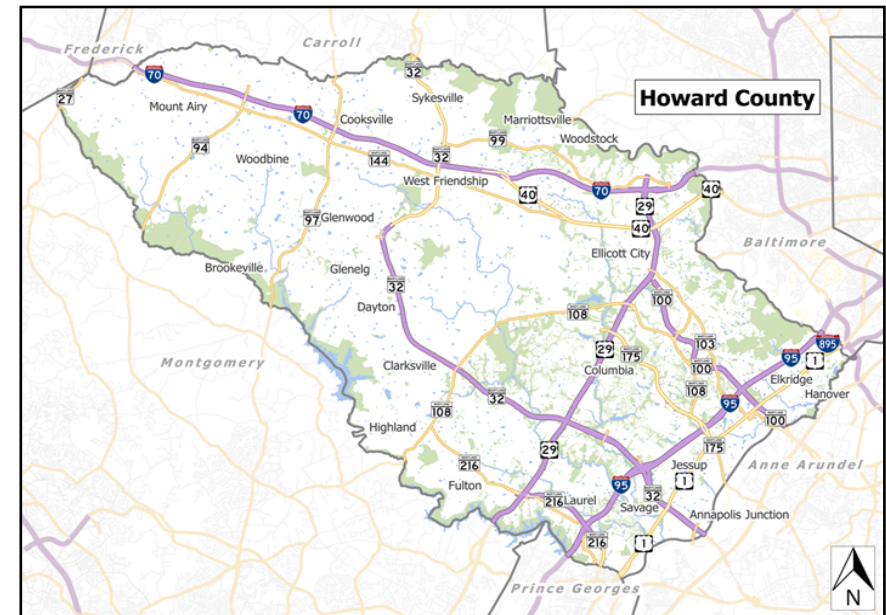
Project Schedule

Schedule to be determined.

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of the HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1052-FY2024 NEW HIGH SCHOOL #14

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	0	0	0	0	0	0	0	12,322	61,611	65,718	139,651
Total Expenditures	0	0	0	0	0	0	0	0	0	0	12,322	61,611	65,718	139,651
BONDS	0	0	0	0	0	0	0	0	0	0	12,322	42,816	40,658	95,796
STATE AID for SCHOOLS	0	0	0	0	0	0	0	0	0	0	0	18,795	25,060	43,855
Total Funding	0	0	0	0	0	0	0	0	0	0	12,322	61,611	65,718	139,651

\$0 spent and encumbered through February 2022

\$0 spent and encumbered through February 2021

Project Status

FY 2022 Budget	0	0	0	0	0	0	0	0	0	0	15,000	40,000		55,000
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	-2,678	21,611	65,718	84,651

Project: E1053 - OAKLAND MILLS HIGH SCHOOL RENOVATION

Description

The Oakland Mills High School project will renovate the existing facility. The renovation may include new electrical, mechanical, plumbing, technology, roofing, and life safety systems as applicable per the scope of work. Some interior spaces may be reconfigured, new finishes provided, accessibility improved to bring the facility into compliance with the Howard County Public School System Guidance Manual for Renovations and Modernizations of Existing Schools. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

Oakland Mills High School opened in 1973, was renovated in 1998, and had an addition in 2004. The 2008 Gilbert Architect facility assessment documented the necessity for this renovation. The renovation is required to update and align the facility with current educational standards.

Remarks

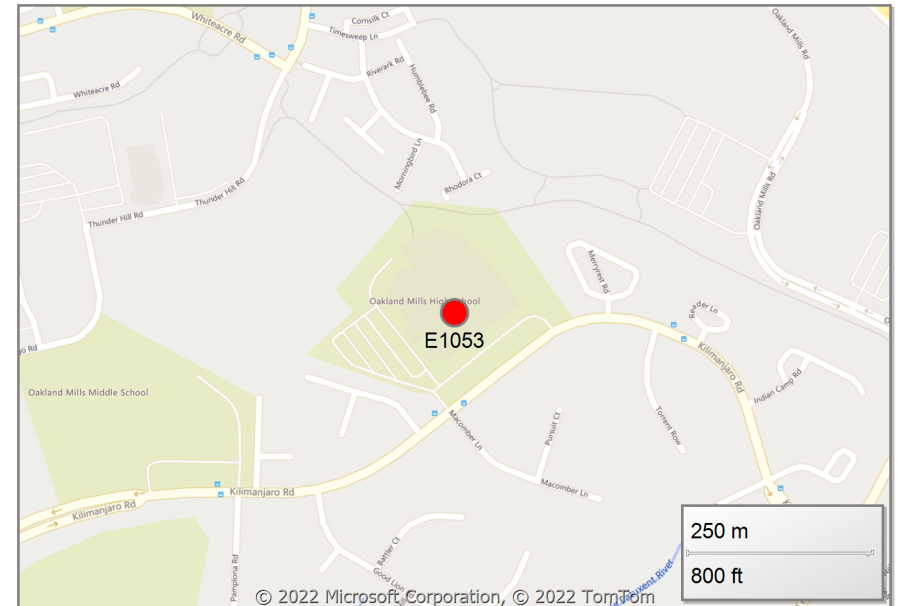
Project Schedule

October 2024-March 2025: Feasibility Study and Education Specifications
 April 2025-September 2026: Planning
 April 2027-August 2030: Construction

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of the HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1053 - OAKLAND MILLS HIGH SCHOOL RENOVATION

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	0	0	8,250	0	0	8,250	0	0	0	0	8,250
CONSTRUCTION	0	0	0	0	0	0	13,750	33,000	46,750	27,500	21,000	2,750	0	98,000
EQUIPMENT & FURNISHINGS	0	0	0	0	0	0	0	0	0	0	3,750	0	0	3,750
Total Expenditures	0	0	0	0	0	8,250	13,750	33,000	55,000	27,500	24,750	2,750	0	110,000
BONDS	0	0	0	0	0	8,250	741	15,655	24,646	14,491	24,750	2,750	0	66,637
STATE AID for SCHOOLS	0	0	0	0	0	0	13,009	17,345	30,354	13,009	0	0	0	43,363
Total Funding	0	0	0	0	0	8,250	13,750	33,000	55,000	27,500	24,750	2,750	0	110,000

**\$0 spent and encumbered through February 2022
 spent and encumbered through February 2021
 Project Status**

Difference 2022 / 2023	0	0	0	0	0	8,250	13,750	33,000	55,000	27,500	24,750	2,750	0	110,000
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Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1054 - REGIONAL EARLY CHILDHOOD CENTER

(In Thousands)	Five Year Capital Program										Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project	
PLANS & ENGINEERING	0	0	0	0	0	0	0	0	0	0	0	1,435	0	1,435	
CONSTRUCTION	0	0	0	0	0	0	0	0	0	0	0	0	2,392	2,392	
Total Expenditures	0	0	0	0	0	0	0	0	0	0	0	0	1,435	2,392	3,827
BONDS	0	0	0	0	0	0	0	0	0	0	0	1,435	2,392	3,827	
Total Funding	0	0	0	0	0	0	0	0	0	0	0	1,435	2,392	3,827	

**\$0 spent and encumbered through February 2022
 spent and encumbered through February 2021
 Project Status**

Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	1,435	2,392	3,827
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Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1055 - NORTHERN REGIONAL ELEMENTARY SCHOOL ADDITION

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	0	0	0	0	0	0	0	0	0	745	745
Total Expenditures	0	0	0	0	0	0	0	0	0	0	0	0	745	745
BONDS	0	0	0	0	0	0	0	0	0	0	0	0	745	745
Total Funding	0	0	0	0	0	0	0	0	0	0	0	0	745	745

\$0 spent and encumbered through February 2022

spent and encumbered through February 2021

Project Status

Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	745	745
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Project: E1056 - PATAPSCO MS RENOVATION/ADDITION

Description

The Patapsco Middle School project will renovate and add seats to the existing facility. Renovation may include new electrical, mechanical, plumbing, technology, roofing, and life safety systems as applicable per the scope of work. Some interior spaces may be reconfigured, new finishes provided, accessibility improved, and new spaces added as required, bringing the facility into compliance with the Howard County Public School System Guidance Manual for Renovations and Modernizations of Existing Schools. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Date Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

Patapsco Middle School opened in 1969 and had a renovation/addition in 2004. The project is required to update and align the facility with current educational standards.

Remarks

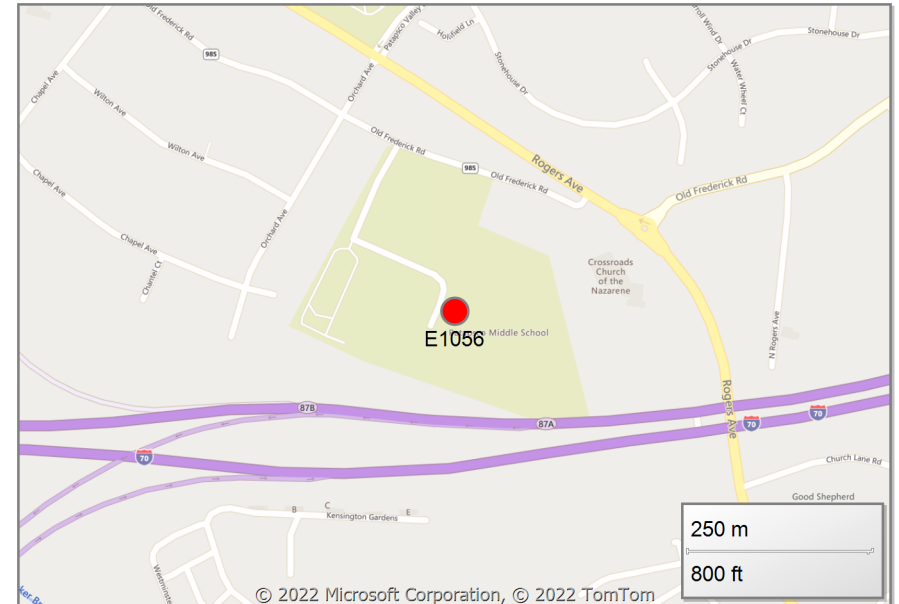
Project Schedule

Schedule to be determined.

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of the HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1056 - PATAPSCO MS RENOVATION/ADDITION

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	0	0	0	0	0	0	0	0	0	4,216	4,216
Total Expenditures	0	0	0	0	0	0	0	0	0	0	0	0	4,216	4,216
BONDS	0	0	0	0	0	0	0	0	0	0	0	0	4,216	4,216
Total Funding	0	0	0	0	0	0	0	0	0	0	0	0	4,216	4,216

\$0 spent and encumbered through February 2022

spent and encumbered through February 2021

Project Status

Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	4,216	4,216
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Project: E1057 - JEFFERS HILL ELEM SCHOOL RENOVATION

Description

The Jeffers Hill Elementary School project will renovate the existing facility. Renovation may include new electrical, mechanical, plumbing, technology, roofing, and life safety systems as applicable per the scope of work. Some interior spaces may be reconfigured, new finishes provided, accessibility improved to bringing the facility into compliance with the Howard County Public School System Guidance Manual for Renovations and Modernizations of Existing Schools. The complete scope of this project will be defined by the Board of Education approved construction documents (CD) brochure (see Policy 6020 in the Supporting Date Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Justification

Jeffers Hill Elementary School opened in 1975 and was renovated in 1999. The project is required to update and align the facility with current educational standards.

Remarks

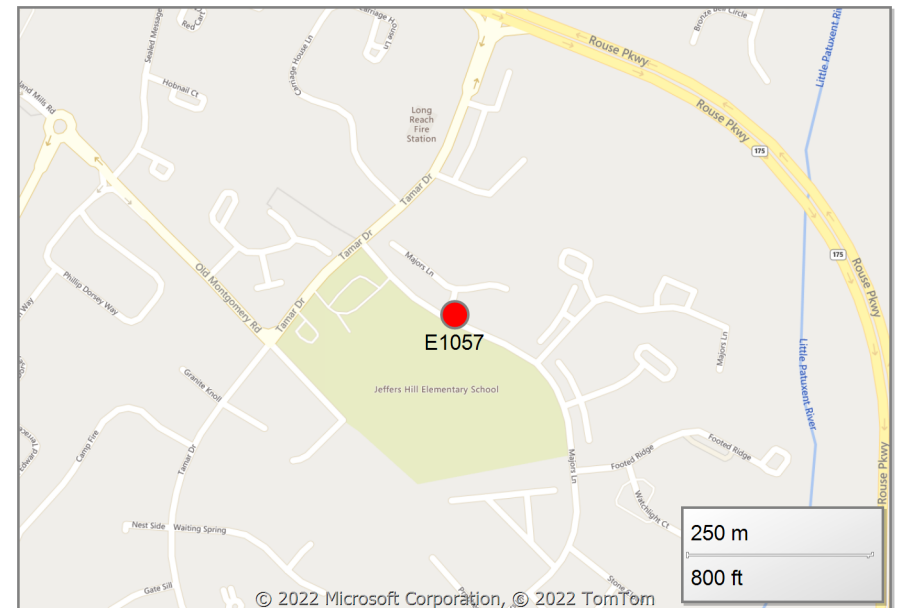
Project Schedule

Schedule to be determined.

Operating Budget Impact

Upon completion, the maintenance of this facility will be the responsibility of the HCPSS Facilities Services. Operating cost impact is unknown at this time.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

SCHOOL SYSTEM PROJECTS

Project: E1057 - JEFFERS HILL ELEM SCHOOL RENOVATION

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	0	0	0	0	0	0	0	0	0	2,040	2,040
Total Expenditures	0	0	0	0	0	0	0	0	0	0	0	0	2,040	2,040
BONDS	0	0	0	0	0	0	0	0	0	0	0	0	2,040	2,040
Total Funding	0	0	0	0	0	0	0	0	0	0	0	0	2,040	2,040

\$0 spent and encumbered through February 2022

spent and encumbered through February 2021

Project Status

Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	2,040	2,040
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Howard County, MD
FY 2023 Planning Board Capital Budget
FIRE PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
F5960-FY2001 FIRESTATION SYSTEMIC IMPROVEMENTS	B	3,623	0	3,623	0	0	0	0	0	3,623
An ongoing project to replace or renovate major systems, fixtures, or structures in various existing fire stations and PSTC.	P	810	0	810	0	0	0	0	0	810
	T	4,720	2,125	6,845	425	425	425	300	300	8,720
	Total	9,153	2,125	11,278	425	425	425	300	300	13,153
F5972-FY2008 RURAL FIRE PROTECTION PROGRAM	O	6,550	500	7,050	500	500	500	500	500	9,550
A project to provide and augment fire protection systems in rural areas within the County, outside of the Water and Sewer Planned Service Area.	T	2,150	0	2,150	0	0	0	0	0	2,150
	Total	8,700	500	9,200	500	500	500	500	500	11,700
F5973-PUBLIC SAFETY STORAGE FACILITIES	B	1,850	-650	1,200	0	0	0	0	0	1,200
Evaluate the existing storage needs of Fire & Rescue and Police to better optimize existing facilities and consolidate storage needs into lease space to extent possible.	O	0	3,000	3,000	0	0	0	0	0	3,000
	T	0	1,535	1,535	0	0	0	0	0	1,535
	Total	1,850	3,885	5,735	0	0	0	0	0	5,735
F5975-FY2010 ROUTE ONE FIRE STATION	O	7,788	0	7,788	0	0	0	0	0	7,788
A project to construct a new fire station (14,900 sf) near the intersection of RT1 and Port Capital Drive.	T	2,600	0	2,600	0	0	0	0	0	2,600
	Total	10,388	0	10,388	0	0	0	0	0	10,388
F5976-FY2018 NORTH COLUMBIA FIRE STATION	B	1,100	0	1,100	0	0	0	0	0	1,100
A project to construct a new Columbia fire station.	O	7,655	0	7,655	5,245	0	0	0	0	12,900
	Total	8,755	0	8,755	5,245	0	0	0	0	14,000
F5977-REPLACEMENT FIRE STATION 7	T	0	0	0	2,000	0	18,000	0	0	20,000
A project to replace Fire Station 7, one of the busiest fire stations in Howard County and the Baltimore Washing DC metropolitan region.	Total	0	0	0	2,000	0	18,000	0	0	20,000
	FIRE PROJECTS Total		38,846	6,510	45,356	8,170	925	18,925	800	800

Howard County, MD
FY 2023 Planning Board Capital Budget (\$000)
FIRE PROJECTS

	Revenue Source	Prior Total	Current FY	Appropriation Total
B	BONDS	6,573	-650	5,923
O	OTHER SOURCES	21,993	3,500	25,493
P	PAY AS YOU GO	810	0	810
T	TRANSFER TAX	9,470	3,660	13,130
Total		38,846	6,510	45,356

Howard County, MD
FY 2023 Planning Board 5 Year Capital Budget Project Type Summary
FIRE PROJECTS

Revenue Source		Prior Approp	Current FY	2024	2025	2026	2027	2028	Total
B	BONDS	6,573	-650	0	0	0	0	0	5,923
O	OTHER SOURCES	21,993	3,500	5,745	500	500	500	500	33,238
P	PAY AS YOU GO	810	0	0	0	0	0	0	810
T	TRANSFER TAX	9,470	3,660	2,425	425	18,425	300	300	35,005
Total		38,846	6,510	8,170	925	18,925	800	800	74,976

Fiscal 2023 Capital Budget

FIRE PROJECTS

Project: F5960-FY2001 FIRESTATION SYSTEMIC IMPROVEMENTS

Description

An ongoing project to replace or renovate major systems, fixtures, or structures in various existing fire stations and PSTC.

Justification

Many components of these facilities have reached the end of their useful life and need replacement. Some facilities need upgraded capabilities in order to continue to operate efficiently.

Remarks

Miscellaneous repairs, modifications and improvements to County Fire Department Facilities are required on an ongoing basis.

Project Schedule

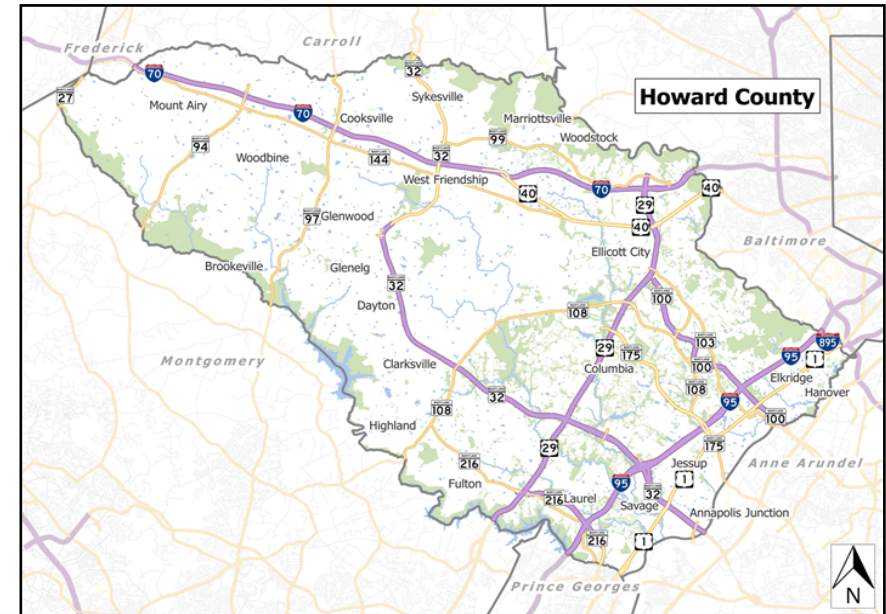
FY23-FY28 - Design and Construction of various improvements.

FY23 - New vent extractor, Fire Station #10 bay door upgrades, Fire Station #6 plymo vent upgrades, Fire Station #8 bay doors and various building repairs|upgrades.

Operating Budget Impact

No net change.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

FIRE PROJECTS

Project: F5960-FY2001 FIRESTATION SYSTEMIC IMPROVEMENTS

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	990	200	1,190	50	50	50	30	30	210	0	0	0	0	1,400
CONSTRUCTION	8,058	1,750	9,808	375	375	375	270	270	1,665	0	0	0	0	11,473
ADMINISTRATION	85	25	110	0	0	0	0	0	0	0	0	0	0	110
EQUIPMENT & FURNISHINGS	20	150	170	0	0	0	0	0	0	0	0	0	0	170
Total Expenditures	9,153	2,125	11,278	425	425	425	300	300	1,875	0	0	0	0	13,153
BONDS	3,623	0	3,623	0	0	0	0	0	0	0	0	0	0	3,623
PAY AS YOU GO	810	0	810	0	0	0	0	0	0	0	0	0	0	810
TRANSFER TAX	4,720	2,125	6,845	425	425	425	300	300	1,875	0	0	0	0	8,720
Total Funding	9,153	2,125	11,278	425	425	425	300	300	1,875	0	0	0	0	13,153

\$0 spent and encumbered through February 2022

\$6,165,641 spent and encumbered through February 2021

Project Status Design, renovations, repairs.

FY19 - New generators at the new FRS HQ.

FY20 - Design and Construction of various improvements.

FY21 - Design and construction of new kitchen at Fire Station #9, Fire Station #10 driveway and apron repairs, Fire Station #5 ceiling replacements, bay floor repairs at Fire Station #2 and Fire Station #8.

FY22 - Fire Station #9 kitchen, Fire Station #2 & #8 bay floors, Fire Station #10 generator upgrades, plymo vent upgrades, security camera upgrades for Fire Stations.

FY 2022 Budget	9,153	1,400	10,553	425	425	425	300	300	1,875	0	0	0		12,428
Difference 2022 / 2023	0	725	725	0	0	0	0	0	0	0	0	0	0	725

Increase in budget request during FY22 budget process due to needed upgrades at Fire Station #8 (bay door replacement), Fire Station #10 (bay floor repair) and security camera upgrades.

Project: F5972-FY2008 RURAL FIRE PROTECTION PROGRAM

Description

A project to provide and augment fire protection systems in rural areas within the County, outside of the Water and Sewer Planned Service Area.

Justification

Increased development in rural areas of the County has created a need for additional water tankers, upgrades to emergency response equipment and access to strategically located water sources. The results will help ensure that water supplies are in place to adequately respond to fire demands.

Remarks

1. The project will install 2 to 5 emergency water supply systems per year for fire protection. It is anticipated that approximately 90 to 100 emergency water supply systems will be constructed under this capital project.
2. 41 cisterns have been installed and are operational.
3. The project will also upgrade or purchase new tankers and emergency equipment to ensure adequate response times to fire emergencies.
4. OTHER represents Pay as you Go generated from Fire Tax.
5. Request represents advancement of funds in the capital program.

Project Schedule

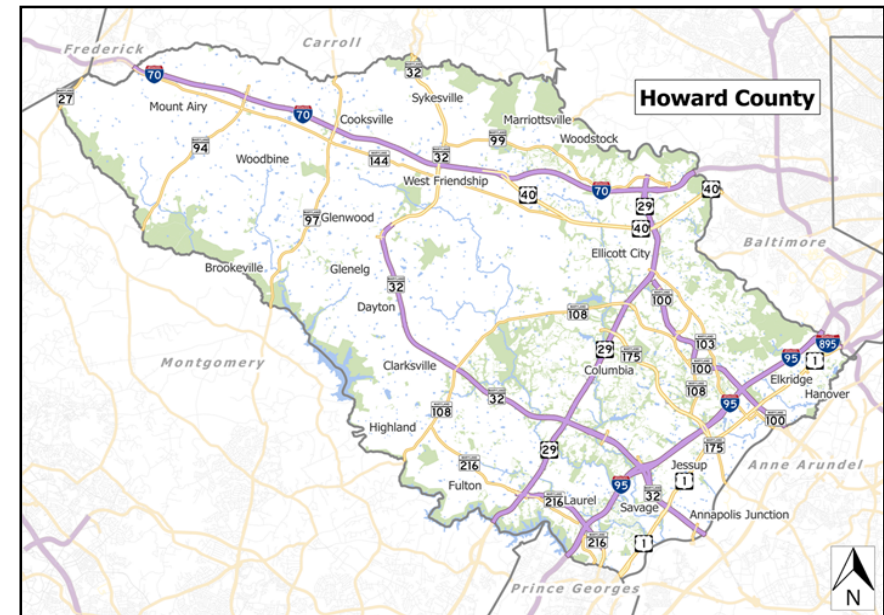
Ongoing program.

FY23 - Rural Tank #s 12, 27, 90 & 107 to be constructed.

Operating Budget Impact

\$5,000 per year represents the cost of operation and maintenance of the proposed emergency water supplies.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

FIRE PROJECTS

Project: F5972-FY2008 RURAL FIRE PROTECTION PROGRAM

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,260	400	1,660	400	400	400	400	400	2,000	400	400	0	0	4,460
LAND ACQUISITION	1,540	100	1,640	100	100	100	100	100	500	100	100	0	0	2,340
CONSTRUCTION	5,050	0	5,050	0	0	0	0	0	0	0	0	0	0	5,050
ADMINISTRATION	5	0	5	0	0	0	0	0	0	0	0	0	0	5
EQUIPMENT & FURNISHINGS	845	0	845	0	0	0	0	0	0	0	0	0	0	845
Total Expenditures	8,700	500	9,200	500	500	500	500	500	2,500	500	500	0	0	12,700
OTHER SOURCES	6,550	500	7,050	500	500	500	500	500	2,500	500	500	0	0	10,550
TRANSFER TAX	2,150	0	2,150	0	0	0	0	0	0	0	0	0	0	2,150
Total Funding	8,700	500	9,200	500	500	500	500	500	2,500	500	500	0	0	12,700

\$0 spent and encumbered through February 2022

\$6,261,070 spent and encumbered through February 2021

Project Status Completed FY21 and prior: 38 tanks installed and operational.

Projects completed FY22: 3 new tanks installed (Rural Tank #s 75, 80 & 84).

FY 2022 Budget	8,700	500	9,200	500	500	500	500	500	2,500	500	500	0		12,700
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: F5973-PUBLIC SAFETY STORAGE FACILITIES

Description

Evaluate the existing storage needs of Fire & Rescue and Police to better optimize existing facilities and consolidate storage needs into lease space to extent possible.

Justification

The Department of Fire and Rescue Services has outgrown its current space at the Public Safety Education Center. Available space for expansion is limited due to the needs of Fire & Rescue and Police Training. Relocating storage to lease space will provide much needed training space. The Police have outgrown its storage space in the Southern District and requires secure specialty vehicle storage.

Remarks

1. Project title changed from Emergency Management Facility to Public Safety Storage Facilities.
2. The scope of this project changed from a logistics facility for DFRS. Develop space program for Fire & Rescue Storage|Police specialty vehicle and vehicle evidence storage.
3. Other represents FY21 Earmark for acquisition of Armory site.

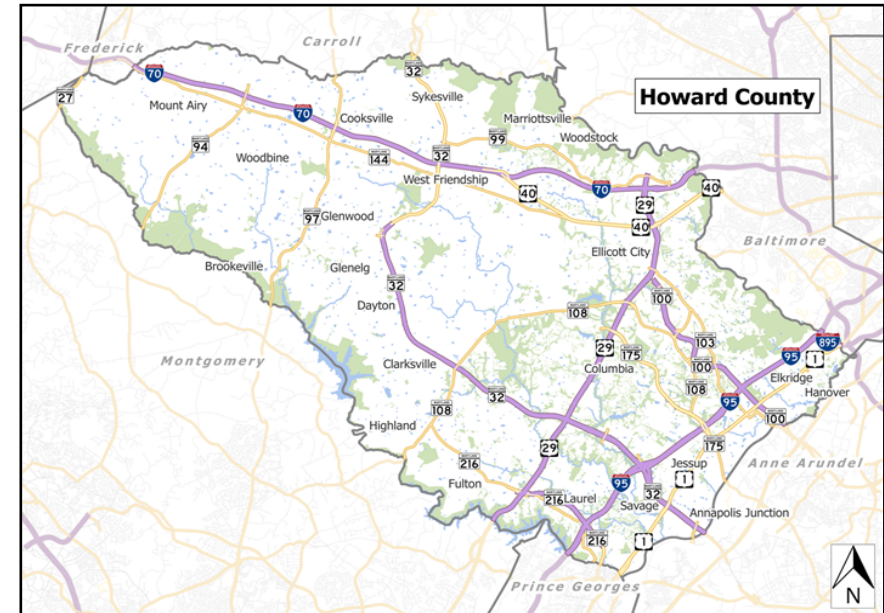
Project Schedule

- FY23 - Design and renovate warehouse space at 7125 Riverwood Drive, Pod C for police specialty storage. Design DFRS logistics storage in the Armory.
- FY24-FY25 - Build-out Armory for DFRS logistics storage; plan and design for new storage building on the Armory property.
- FY26-FY27 - Permit and then construction of new storage building on the Armory property; demolition of existing building.

Operating Budget Impact

FY23 - \$20,000 per year for cleaning and maintenance.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

FIRE PROJECTS

Project: F5973-PUBLIC SAFETY STORAGE FACILITIES

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	700	185	885	0	0	0	0	0	0	0	0	0	0	885
LAND ACQUISITION	100	3,000	3,100	0	0	0	0	0	0	0	0	0	0	3,100
CONSTRUCTION	1,020	700	1,720	0	0	0	0	0	0	0	0	0	0	1,720
ADMINISTRATION	30	0	30	0	0	0	0	0	0	0	0	0	0	30
Total Expenditures	1,850	3,885	5,735	0	0	0	0	0	0	0	0	0	0	5,735
BONDS	1,850	(650)	1,200	0	0	0	0	0	0	0	0	0	0	1,200
OTHER SOURCES	0	3,000	3,000	0	0	0	0	0	0	0	0	0	0	3,000
TRANSFER TAX	0	1,535	1,535	0	0	0	0	0	0	0	0	0	0	1,535
Total Funding	1,850	3,885	5,735	0	0	0	0	0	0	0	0	0	0	5,735

\$0 spent and encumbered through February 2022

\$671,508 spent and encumbered through February 2021

Project Status FY18 - Completed joint development requirement with Merritt for construction of entrance.

FY19 - Complete shared access road construction to include storm water management.

FY20 - DFRS Logistics building no longer required

FY21 - Project is in programming phase.

FY22 - Programming for police specialty storage at Riverwood & DFRS logistics storage at the Armory.

FY 2022 Budget	1,850	0	1,850	0	0	0	0	0	0	0	0	0		1,850
Difference 2022 / 2023	0	3,885	3,885	0	0	0	0	0	0	0	0	0	0	3,885

Project: F5975-FY2010 ROUTE ONE FIRE STATION

Description

A project to construct a new fire station (14,900 sf) near the intersection of RT1 and Port Capital Drive. Fire Station will be built on recently purchased County land and State-owned land that the County recently acquired.

Justification

This fire and EMS station is required to improve response times to a critically deficient geographic area of the County and prepare for additional demand along the Route 1 corridor and in association with BRAC. A small police sub-station will be included in the Fire Station.

Remarks

Phase 1 of Port Capital Road is a prerequisite to the Fire Station construction, the road extension will provide both vehicular access and utilities. OTHER represents Pay as you Go generated from Fire Tax.

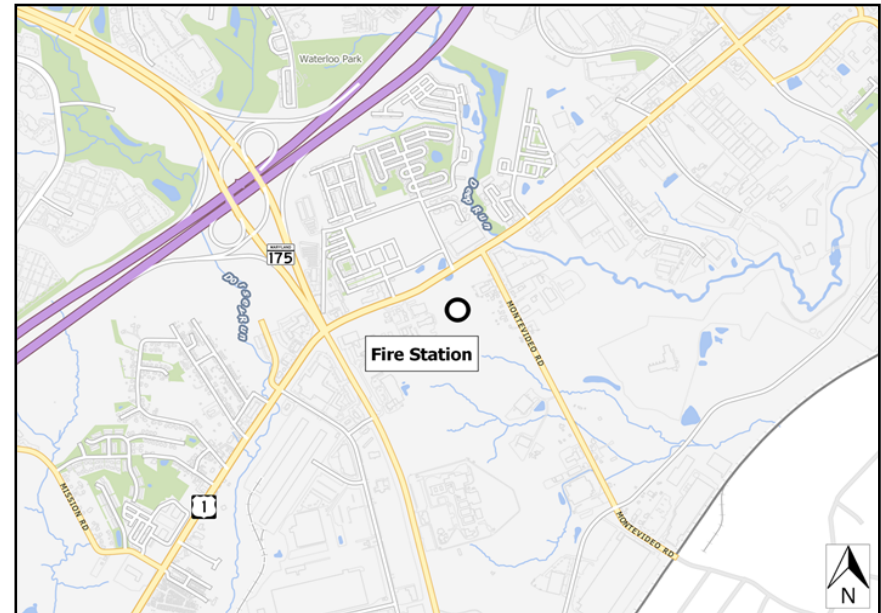
Project Schedule

FY23 - Building operational

Operating Budget Impact

Operations and maintenance will begin upon completion in FY23: \$150,000 per year.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Fiscal 2023 Capital Budget

FIRE PROJECTS

Project: F5975-FY2010 ROUTE ONE FIRE STATION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	1,800	0	1,800	0	0	0	0	0	0	0	0	0	0	1,800
CONSTRUCTION	8,003	0	8,003	0	0	0	0	0	0	0	0	0	0	8,003
ADMINISTRATION	35	0	35	0	0	0	0	0	0	0	0	0	0	35
EQUIPMENT & FURNISHINGS	550	0	550	0	0	0	0	0	0	0	0	0	0	550
Total Expenditures	10,388	0	10,388	0	0	0	0	0	0	0	0	0	0	10,388
OTHER SOURCES	7,788	0	7,788	0	0	0	0	0	0	0	0	0	0	7,788
TRANSFER TAX	2,600	0	2,600	0	0	0	0	0	0	0	0	0	0	2,600
Total Funding	10,388	0	10,388	0	0	0	0	0	0	0	0	0	0	10,388

\$0 spent and encumbered through February 2022

\$1,384,545 spent and encumbered through February 2021

Project Status Programming|Schematic Design began in November 2019.

FY20 - Land acquisition, redesign to fit changed requirements (reduced building size).

FY21 - Project design completed, project submitted for permit and bid. Start of construction.

FY22 - Project is in construction and will be completed by June 2022.

FY 2022 Budget	10,388	0	10,388	0	0	0	0	0	0	0	0	0		10,388
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project: F5976-FY2018 NORTH COLUMBIA FIRE STATION

Description

A project to construct a new Columbia fire station. Goal is to establish emergency services in a strategic position in the North Columbia area that will serve to relieve the demands associated with increased population density and call demands there.

Justification

This fire station will provide Columbia and surrounding areas with a new fire station that is strategically located so as to provide improved services. Growth pattern changes coupled with increased projected demands on the sole downtown fire station has dictated the need for a new fire station. Recent analysis substantiates the need for equipment to be maintained at this location

Remarks

The Cedar Lane Park East site has currently been selected for the approximately 14,000 sf North Columbia Fire Station. This location for the new facility will provide direct access to Rt. 108 for efficient response times.
OTHER represents Pay as you Go generated from Fire Tax.

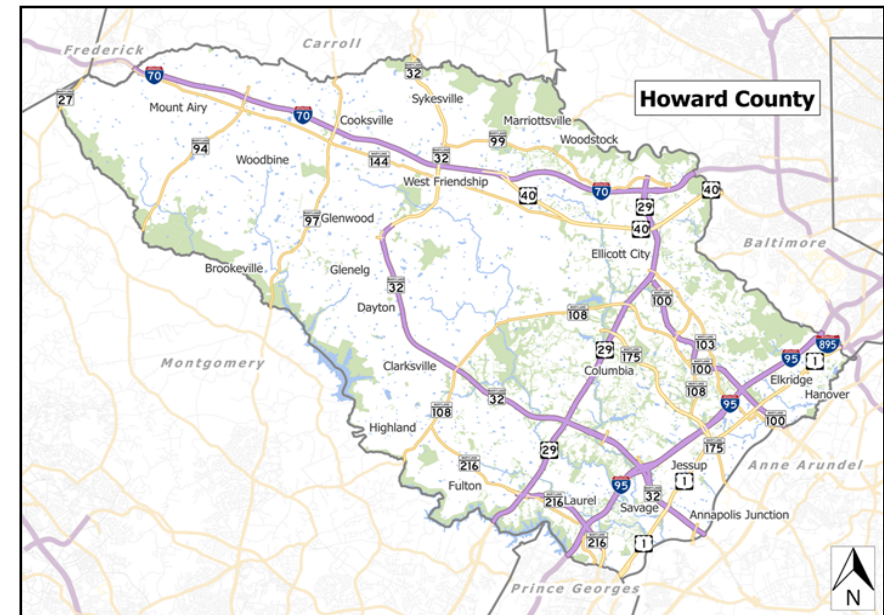
Project Schedule

- FY23 - Design and site permit
- FY24 - Building permit, bid, start construction
- FY25 - Construction
- FY26 - Building to be operational.

Operating Budget Impact

The Bureau of Facilities' operations and maintenance impact beginning in FY26: \$140,000 per year.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

FY21 - Proposed transfer of \$3 million from contingency fund C0214 did not occur. During FY21 budget process, these funds were placed in contingency fund. ~FY22 - Funding moved to C0214 contingency project pending land solution for Fire Station.

Fiscal 2023 Capital Budget

FIRE PROJECTS

Project: F5976-FY2018 NORTH COLUMBIA FIRE STATION

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	2,000	0	2,000	0	0	0	0	0	0	0	0	0	0	2,000
CONSTRUCTION	6,650	0	6,650	5,245	0	0	0	0	5,245	0	0	0	0	11,895
ADMINISTRATION	105	0	105	0	0	0	0	0	0	0	0	0	0	105
Total Expenditures	8,755	0	8,755	5,245	0	0	0	0	5,245	0	0	0	0	14,000
BONDS	1,100	0	1,100	0	0	0	0	0	0	0	0	0	0	1,100
OTHER SOURCES	7,655	0	7,655	5,245	0	0	0	0	5,245	0	0	0	0	12,900
Total Funding	8,755	0	8,755	5,245	0	0	0	0	5,245	0	0	0	0	14,000

\$0 spent and encumbered through February 2022

\$979,538 spent and encumbered through February 2021

Project Status FY16 - MOU with Board of Education for site acquisition.

FY18 - Began design.

FY19 - Scope confirmation and continue design.

FY20 - Continued site design.

FY21 - Continued site exploration and site design for Fire Station on new site.

FY22 - Continued site design and began schematic design for Fire Station on new site.

FY 2022 Budget	8,755	0	8,755	0	0	0	0	0	0	0	0	0		8,755
Difference 2022 / 2023	0	0	0	5,245	0	0	0	0	5,245	0	0	0	0	5,245

Fiscal 2023 Capital Budget

FIRE PROJECTS

Project: F5977-REPLACEMENT FIRE STATION 7

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
PLANS & ENGINEERING	0	0	0	2,000	0	0	0	0	2,000	0	0	0	0	2,000
CONSTRUCTION	0	0	0	0	0	18,000	0	0	18,000	0	0	0	0	18,000
Total Expenditures	0	0	0	2,000	0	18,000	0	0	20,000	0	0	0	0	20,000
TRANSFER TAX	0	0	0	2,000	0	18,000	0	0	20,000	0	0	0	0	20,000
Total Funding	0	0	0	2,000	0	18,000	0	0	20,000	0	0	0	0	20,000

**\$0 spent and encumbered through February 2022
 spent and encumbered through February 2021
 Project Status**

Difference 2022 / 2023	0	0	0	2,000	0	18,000	0	0	20,000	0	0	0	0	20,000
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Howard County, MD
FY 2023 Planning Board Capital Budget
AGRICULTURAL PRESERVATION PROJECTS

Project Information	Funding Source	Prior Approp.	FY 2023	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
G0163-Agricultural Land Preservation Program	G	78	0	78	0	0	0	0	0	78
A voluntary program to preserve farmland by purchasing development rights from landowners via a perpetual easement.	O	156,500	0	156,500	0	0	0	0	0	156,500
	T	14,030	0	14,030	0	0	0	0	0	14,030
	Total	170,608	0	170,608	0	0	0	0	0	170,608
AGRICULTURAL PRESERVATION PROJECTS Total		170,608	0	170,608	0	0	0	0	0	170,608

Howard County, MD
FY 2023 Planning Board Capital Budget (\$000)
AGRICULTURAL PRESERVATION PROJECTS

	Revenue Source	Prior Total	Current FY	Appropriation Total
G	GRANTS	78	0	78
O	OTHER SOURCES	156,500	0	156,500
T	TRANSFER TAX	14,030	0	14,030
Total		170,608	0	170,608

Howard County, MD
FY 2023 Planning Board 5 Year Capital Budget Project Type Summary
AGRICULTURAL PRESERVATION PROJECTS

Revenue Source		Prior Approp	Current FY	2024	2025	2026	2027	2028	Total
G	GRANTS	78	0	0	0	0	0	0	78
O	OTHER SOURCES	156,500	0	0	0	0	0	0	156,500
T	TRANSFER TAX	14,030	0	0	0	0	0	0	14,030
Total		170,608	0	0	0	0	0	0	170,608

Fiscal 2023 Capital Budget

AGRICULTURAL PRESERVATION PROJECTS

Project: G0163-Agricultural Land Preservation Program

Description

A voluntary program to preserve farmland by purchasing development rights from landowners via a perpetual easement. The objective is to support the agricultural community by keeping the land base available for farming by reducing residential development in agricultural areas. The program is funded by two main sources: County Real Estate Transfer Tax, 1/4 of the 1% transfer tax on all real estate sales are dedicated to the program and constitute the largest revenue source; and State Agriculture Transfer Tax, 33% of the 5% state tax on all farmland converted to non-farming uses retained by the County for purchase of development rights.

Justification

Gives farmers an alternative to selling land for residential development. Comprehensive zoning regulations adopted in September, 1992 include cluster development and ability to exchange density from one parcel to another (DEO). Preservation tools: purchase of development rights, dedication of easements on cluster remainders, DEO sending parcels. Development rights may be acquired by County's Agricultural Land Preservation Program or State's Maryland Agricultural Land Preservation Foundation (MALPF).

Remarks

1. OTHER SOURCES represents authorization by the County Council to enter into installment purchase agreements to acquire development rights.
2. GRANT represents Federal Farmland Protection funds for MALPF easements.
3. All FY07 & FY08 authorized funding was spent on Batch 14 acquisitions.
4. Additional spending authority of \$50 million was requested and approved in the FY14 budget for the purchase of easements.

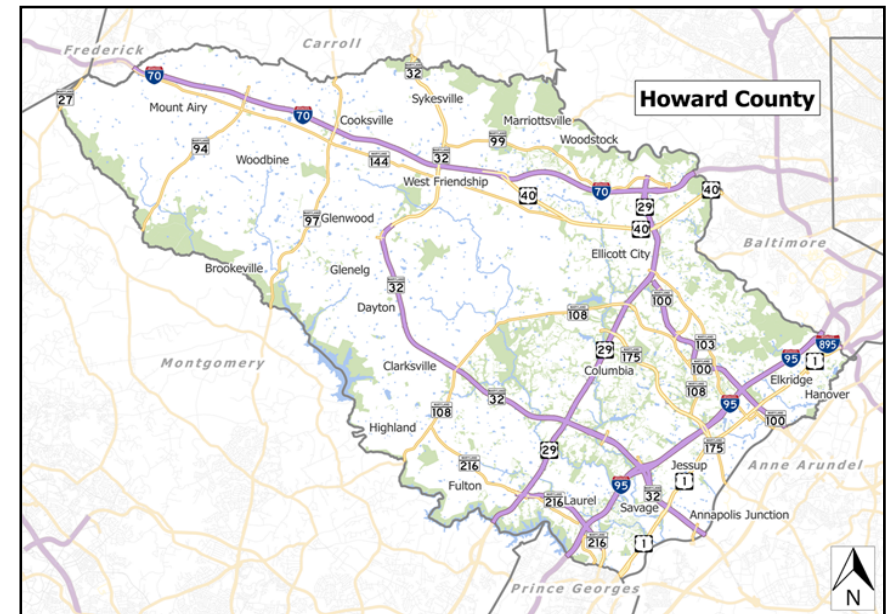
Project Schedule

FY22 and FY23 - Continued and potential acquisitions.

Operating Budget Impact

Salaries|Benefits, Contractual Services, Supplies & Materials, Business & Education Expenses, Other Operating Expenses, all approximately = \$7 million. One person serves as resource planner for program in Resource Conservation Division. No General Fund monies are used to fund.

FY2022 Bonds - Annual Debt Service Payment	0
FY2022 Bonds - 20-Year Total Debt Service Payment	0
Total Project Bonds - Annual Debt Service Payment	0
Total Project Bonds - 20-Year Total Debt Service Payment	0



Explanation of Changes

None.

Fiscal 2023 Capital Budget

AGRICULTURAL PRESERVATION PROJECTS

Project: G0163-Agricultural Land Preservation Program

(In Thousands)	Five Year Capital Program										Master Plan			
	Prior Appr.	FY2023 Budget	Appr. Total	Fiscal 2024	Fiscal 2025	Fiscal 2026	Fiscal 2027	Fiscal 2028	Sub Total	Fiscal 2029	Fiscal 2030	Fiscal 2031	Fiscal 2032	Total Project
LAND ACQUISITION	170,608	0	170,608	0	0	0	0	0	0	0	0	0	0	170,608
Total Expenditures	170,608	0	170,608	0	0	0	0	0	0	0	0	0	0	170,608
GRANTS	78	0	78	0	0	0	0	0	0	0	0	0	0	78
OTHER SOURCES	156,500	0	156,500	0	0	0	0	0	0	0	0	0	0	156,500
TRANSFER TAX	14,030	0	14,030	0	0	0	0	0	0	0	0	0	0	14,030
Total Funding	170,608	0	170,608	0	0	0	0	0	0	0	0	0	0	170,608

\$0 spent and encumbered through February 2022

\$139,735,191 spent and encumbered through February 2021

Project Status 1. Project was first funded in FY91.

2. County Installment Purchase Agreement (IPA) Batches 1-9 spent initial allocation of \$55 million through 1997.

3. Allocation of \$15 million approved by County Council in FY01 budget.

4. County IPA Batch 10-Purchased easements for \$2,475,090 on 400.5 acres in June 2002.

5. County IPA Batches 11 and 12-Purchase of easements on approximately 465 acres appr. by County Council, no purchases were completed.

6. County IPA Batch 13-Purchased two easements on approx. 218 acres in FY08 for \$8,369,200. Purchased one easement on 35 acres in FY09 for \$893,000.

7. Remaining FY01 appropriation of \$3,262,710 was spent on first two Batch 14 properties in FY11.

8.\$24,000,000 additional appropriation. made available from FY07 budget & \$12,500,000 additional appropriation from FY08 budget.

9. County IPA Batch 14-\$8,153,290 of FY07 & FY08 appropriations was spent on the acquisition of 374 acres on 4 parcels in FY11.

10. County IPA Batch 14-28,057,000 of FY07 & FY08 appropriations was spent on the acquisition of 793 acres on 3 parcels in FY12.

11. Allocation of \$50 million approved by County Council for FY14.

12. To date, \$4.1 million in cash payments for 2 properties totaling 146 acres.

13. To date \$30.56 million in IPAs for 17 properties totaling 1,020 acres.

FY 2022 Budget	170,608	0	170,608	0	0	0	0	0	0	0	0	0		170,608
Difference 2022 / 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

None.

