

County Council of Howard County, Maryland

2017 Legislative Session

Legislative Day No. 7

Resolution No. 55 -2017

Introduced by: The Chairperson at the request of the County Executive

A RESOLUTION approving the Capital Program for Howard County for Fiscal Years 2019 through 2023 and the Extended Capital Program for Fiscal Years 2024 through 2027.

Introduced and read first time _____, 2017.

By order _____
Jessica Feldmark, Administrator

Read for a second time at a public hearing on _____, 2017.

By order _____
Jessica Feldmark, Administrator

This Resolution was read the third time and was Adopted___, Adopted with amendments___, Failed___, Withdrawn___, by the County Council on _____, 2017.

Certified By _____
Jessica Feldmark, Administrator

NOTE: [[text in brackets]] indicates deletions from existing law; TEXT IN SMALL CAPITALS indicates additions to existing law; ~~Strike-out~~ indicates material deleted by amendment; Underlining indicates material added by amendment

1 **WHEREAS**, pursuant to Section 603 of the Howard County Charter and Section 22.404
2 "Contents of the Capital Budget and Capital Program and the Extended Capital Program" of the
3 Howard County Code, the County Executive has submitted a Capital Budget Detail for Fiscal
4 Year 2018, a Capital Program for Fiscal Years 2019 through 2023 and an Extended Capital
5 Program for Fiscal Years 2024 through 2027, indicating the plan of the County to receive and
6 expend funds for capital projects, and specifically listing, for each capital project, the
7 information required by Section 603(b) of the Howard County Charter and Section 22.404(e) of
8 the Howard County Code.

9
10 **NOW, THEREFORE, BE IT RESOLVED** by the County Council of Howard County,
11 Maryland this _____ day of _____, 2017 that it approves the following as the Capital
12 Program for the fiscal years ending June 30, 2019, 2020, 2021, 2022, and 2023 and the Extended
13 Capital Program for the fiscal years ending June 30, 2024, 2025, 2026, and 2027:

- 14 (1) The Capital Budget Detail for Fiscal Year 2018, which is hereby made a part of
15 and incorporated into this Resolution by reference as if set out in full; and
- 16 (2) The attached Capital Program proposed and submitted by the County Executive;
17 and
- 18 (3) The attached Extended Capital Program proposed and submitted by the County
19 Executive.

20
21 **AND BE IT FURTHER RESOLVED** that approval of the Capital Program for Fiscal
22 Years 2019 through 2023 and the Extended Capital Program for Fiscal Years 2024 through 2027
23 shall be effective July 1, 2017 and shall continue in effect until changed or repealed by
24 subsequent resolution of the County Council.

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : BRIDGE PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	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.	1,425	0	0	0	0	0	1,425
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.	1,715	0	0	0	0	0	1,715
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.	1,535	0	0	0	0	0	1,535
B3840 FY1996 DAISY ROAD BRIDGE (H0-41) A project for the design and construction of a replacement bridge for the Daisy Road bridge over Cattail Creek.	1,904	0	0	0	0	0	1,904
B3849 FY1996 DAISY ROAD BRIDGE (H0-38) A project for the design and construction of a replacement bridge and roadway tie-ins.	2,274	0	0	0	0	0	2,274
B3850 FY2001 STRUCTURE INSPECTION PROGRAM A project to inspect Howard County bridges in accordance with the federally mandated National Bridge Inspection Standards.	1,730	300	0	300	0	0	2,330
B3853 FY2000 EMERGENCY STRUCTURE RECONSTRUCTION A fund for Howard County to undertake construction and repair of bridges, culverts and retaining walls requiring prompt action.	4,729	0	0	0	0	0	4,729
B3857 FY2001 SYSTEMIC STRUCTURE IMPROVEMENTS A project for specialized renovation items for bridges and retaining walls throughout the County.	2,096	0	100	0	0	0	2,196
B3858 FY2019 PFEFFERKORN ROAD BRIDGE (H0-31) A project for the design and construction of a bridge replacement for Pfefferkorn Road over Middle Patuxent River.	0	275	100	1,000	0	0	1,375
B3860 FY2016 CARROLL MILL ROAD BRIDGE REPLACEMENT (H0-23) A project for the design and construction of a replacement structure for the Carroll Mill Road bridge over Benson Branch.	350	950	0	0	0	0	1,300
B3862 FY2013 RETAINING WALLS A Countywide project for the repair, re-conditioning and development of new retaining walls.	1,750	0	300	0	300	0	2,350
B3863 FY2013 DOWNTOWN COLUMBIA-OAKLAND MILLS CONNECTION IMPROVEMENTS A project to provide a feasibility study, design and construction of enhancements to existing and potential future connections over US29.	1,450	0	0	0	0	0	1,450
	20,958	1,525	500	1,300	300	0	24,583

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 BRIDGE-BRIDGE PROJECTS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	13,381	1,225	500	1,000	300	0	16,406
D	DEVELOPER CONTRIBUTION	42	0	0	0	0	0	42
G	GRANTS	4,880	0	0	0	0	0	4,880
O	OTHER SOURCES	500	0	0	0	0	0	500
P	PAY AS YOU GO	2,155	300	0	300	0	0	2,755
Total		20,958	1,525	500	1,300	300	0	24,583

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : GENERAL COUNTY PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
C0182 FY1985 PUBLIC SAFETY EDUCATION CENTER A project for design and construction of a group of facilities for training of public safety employees.	27,326	775	696	5,622	225	196	34,840
C0214 FY199- 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.	70,500	0	10,000	0	10,000	0	90,500
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.	546	50	26	50	26	50	748
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.	3,450	500	0	0	0	0	3,950
C0286 FY2002 BUS STOP IMPROVEMENTS A project to implement a series of systemic improvements to Howard Transit bus stops.	1,719	0	0	0	0	0	1,719
C0287 FY2002 COMMUNITY RENEWAL / ENHANCEMENTS A project to design and implement a series of pedestrian improvements, streetscape enhancements and repair or enhancement of public green spaces.	1,389	0	0	0	0	0	1,389
C0289 FY2002 TRANSIT OPERATION REPAIR FACILITY A project for site selection, acquisition, design and construction of a multi-jurisdictional transit facility.	15,619	0	0	0	0	0	15,619
C0290 COURTHOUSE RENOVATION/REPLACEMENT A project to expand and renovate the existing courthouse.	113,880	0	0	0	0	0	113,880
C0298 FY2005 US 40 CORRIDOR ENHANCEMENT A project to plan, design and implement improvements, including sidewalks, landscaping, street trees, median and gateway enhancements within public right-of-way and to develop a corridor design manual to guide site design on adjacent properties.	1,050	0	0	0	0	0	1,050
C0299 FY2005 WASTE MANAGEMENT IMPROVEMENTS A project for the design and construction of capital improvements at the Alpha Ridge Solid Waste Facility, New Cut and Carrs Mill Landfills.	23,066	4,453	2,661	4,962	4,197	0	39,339
C0301 FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES A project to upgrade infrastructure of the County's Local Area Networks and Wide Area Networks.	21,436	2,500	2,500	2,500	2,500	2,500	33,936

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : GENERAL COUNTY PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
C0309 FY2007 LAND ACQUISITION CONTINGENCY RESERVE A fund for acquisition of land that comes available on the market that meets the future needs of the County to serve the public interest and no funded Capital Project exists.	28,695	0	0	0	0	0	28,695
C0311 FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS Enhancements to 800 MHz Motorola Astro trunking radio system for Public Safety.	25,150	6,350	0	0	0	0	31,500
C0312 FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM The County currently is utilizing SAP ERP software solution as the system of Financial Accounting, Purchasing and Utility Water and Sewer billing.	18,290	1,500	1,500	1,500	1,500	1,500	25,790
C0313 FY2008 ENVIRONMENTAL COMPLIANCE CONSTRUCTION A project to support environmental compliance activities for County Facilities.	12,429	170	170	170	170	170	13,279
C0315 FY2009 PUBLIC SAFETY SYSTEM ENHANCEMENTS This project will provide a variety of functionality enhancements for the County's existing Public Safety System.	5,720	1,000	1,000	1,000	1,000	1,000	10,720
C0317 FY2013 SYSTEMIC FACILITY IMPROVEMENTS A project to improve or upgrade the physical plant of public buildings, their equipment and systems, to replace plants/systems which have deteriorated beyond routine maintenance or provide for system management initiatives.	62,839	15,041	8,993	8,140	8,152	8,152	111,317
C0318 FY2010 MARC SAVAGE STATION GARAGE A project to fund the construction of a public parking garage adjacent to the MARC Savage Commuter Rail Station located at 9009 Dorsey Run Road, Annapolis Junction.	17,000	0	0	0	0	0	17,000
C0319 FY2010 TAX INCREMENT FINANCING PROJECTS A project for funding of tax increment financing projects.	120,000	40,000	0	0	0	0	160,000
C0322 FY2012 CENTRAL FLEET SYSTEMIC IMPROVEMENTS and FUEL SYSTEM This is a project to fund improvements to the County's fuel storage/dispensing/monitoring systems, and to improve or upgrade the physical plant of Fleet Equipment.	6,021	926	2,330	1,080	0	0	10,357
C0323 FY2011 BUS/VEHICLE ACQUISITION A project for the purchase of fixed route and paratransit vehicles for the Howard Transit and HT Ride systems respectively.	625	0	0	0	0	0	625
C0324 FY2012 GEODETIC NETWORK AUTOMATION A project to purchase survey global positioning system (GPS) and digital survey equipment.	435	15	40	0	0	0	490
C0325 FY2013 BUS/VEHICLE ACQUISITION A project for the purchase of fixed route and paratransit vehicles for the Howard Transit and HT Ride systems respectively.	870	0	0	0	0	0	870

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : GENERAL COUNTY PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
C0327 FY2013 ENTERPRISE CONTENT MANAGEMENT (ECM) The ECM will remove critical strain from the existing email system and replace our outdated records management system.	2,596	0	0	0	0	0	2,596
C0328 FY2012 BUS/VEHICLE ACQUISTION	871	0	0	0	0	0	871
C0329 FY2012 ENERGY MANAGEMENT/IMPROVEMENTS A project to develop a 5-10 year business plan for energy performance optimization.	900	0	0	0	0	0	900
C0331 FY2014 ELLICOTT CITY PARKING LOT ENHANCEMENT A project to plan, design and implement a set of improvements to publicly owned land currently designated as Lot D in Ellicott City.	200	1,000	0	0	0	0	1,200
C0332 FY2014 BUS STOP IMPROVEMENTS A project to implement a series of systemic improvements to Howard Transit bus stops.	810	120	120	120	120	200	1,490
C0333 FY2015 DETENTION CENTER RENOVATIONS The Department of Corrections currently is facing severe challenges and regulatory mandates that must be resolved through the renovation and expansion of the Detention Center.	11,751	9,700	25,604	25,604	3,600	0	76,259
C0334 FY2014 EMERGENCY ALTERNATIVE POWER 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.	1,300	0	0	0	0	0	1,300
C0335 FY2014 CITIZEN SERVICES FACILITY/PROGRAM ENHANCEMENTS A project to determine the additional facility needs for the Department of Citizen Services.	500	1,200	3,550	10,500	500	0	16,250
C0336 FY2014 LANDFILL RESOURCE MANAGEMENT A project for the design and construction of resource improvements at the Alpha Ridge Landfill and Resident's Recycling and Demonstration Center.	500	0	0	0	0	0	500
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.	4,375	2,800	0	0	0	0	7,175
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.	10,000	0	0	0	0	0	10,000
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.	10,000	0	0	0	0	0	10,000

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : GENERAL COUNTY PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
C0340 FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT The Broadband Installation project will extend services to non-government facilities to our fiber network.	10,000	0	0	0	0	0	10,000
C0341 FY2015 TOWER GENERATOR REPLACEMENTS This project will allow the County to design, build and operate diesel generators at all County Radio and Water Tower sites.	5,000	0	0	0	0	0	5,000
C0342 FY2019 CLARKSVILLE PARKING GARAGE This project is for the design, construction and construction management of a parking garage on Clarksville Pike, Clarksville Maryland.	0	475	5,050	0	0	0	5,525
C0343 FY2016 SALT STORAGE FACILITY This project will provide for the storage of salt and liquid de-icing material for the winter season.	1,000	120	1,200	0	0	0	2,320
C0344 FY2016 SOUTHEAST INFRASTRUCTURE IMPROVEMENTS A project to plan, design and construct a series of infrastructure improvements targeted within the southeast area of the US1 corridor.	650	0	0	0	0	0	650
C0346 FY2017 DAYTON ADMINISTRATION BUILDING This project will provide for the replacement of an aging trailer currently used for the Highways Administration functions.	1,000	0	0	0	0	0	1,000
C0348 FY2017 MODERNIZATION OF FLEET AND HIGHWAYS SHOPS A project for the master planning, design, construction of new facilities and renovation of existing County Fleet and Highways Facilities to modernize the facilities.	900	4,158	5,795	379	2,369	17,286	30,887
C0349 FY2017 ENVIRONMENTAL COMPLIANCE OPERATIONS A project to support environmental compliance activities for County Facilities.	375	165	165	241	305	145	1,396
C0350 FY2017 NEW BUDGET SYSTEM The Budget Application project has been established to purchase and implement a new budget system for improved efficiencies, transparency and presentation.	500	500	0	0	0	0	1,000
C0351 FY2017 HARRIET TUBMAN REMEDIATION This project will provide for Harriett Tubman High School remediation of hazardous containing material such as ACM, lead, PCB, fuel.	570	2,500	250	0	0	0	3,320
C0352 FY2017 SITE ACQUISITION FOR SCHOOL SITES AND ELEVATED WATER STORAGE FACILITIES 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.	25,500	0	0	0	0	0	25,500
C0353 FY2019 TRANSIT CENTER A project for site selection, design and construction of a transit center.	0	700	650	650	7,500	0	9,500

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : GENERAL COUNTY PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
C0354 FY2019 BUILDING ACCESS CONTROL AND SECURITY ENHANCEMENTS This project includes design and implementation of new and improved existing electronic security systems at a number of county facilities.	0	1,000	0	0	0	0	1,000
C0355 FY2018 NEW SCHOOL MAINTENANCE SITE RENOVATION This project will provide space for the HCPSS Maintenance Shop.	7,798	0	0	0	0	0	7,798
C0356 FY2018 REHABILITATION TREATMENT CENTER This project proposes to provide funding for a facility in Howard County to meet the critical need to assist with one of the greatest health challenges of opioid overdoses and death.	250	0	0	0	0	0	250
C0357 FY2018 ELLICOTT CITY PARKING IMPROVEMENTS A project to plan, design and implement parking improvements in Ellicott City.	200	0	0	0	0	0	200
	675,601	97,718	72,300	62,518	42,164	31,199	981,500

**Howard County, MD
FY 2018 Capital Resolution (\$000)
GENCO-GENERAL COUNTY PROJECTS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	324,771	53,507	59,159	60,618	24,518	30,949	553,522
C	UTILITY CASH	5,530	0	0	0	0	0	5,530
G	GRANTS	84,844	50	10,050	50	10,050	50	105,094
L	LEASE	26,400	0	0	0	0	0	26,400
M	METRO DISTRICT BOND	5,000	0	0	0	0	0	5,000
O	OTHER SOURCES	62,919	1,626	2,980	1,730	7,500	0	76,755
P	PAY AS YOU GO	27,187	535	111	120	96	200	28,249
R	STORMWATER UTILTY FUNDING	1,700	2,000	0	0	0	0	3,700
T	TRANSFER TAX	250	0	0	0	0	0	250
TIF	TIF BONDS	137,000	40,000	0	0	0	0	177,000
Total		675,601	97,718	72,300	62,518	42,164	31,199	981,500

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : DRAINAGE PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	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.	887	0	0	0	0	0	887
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.	3,185	700	425	0	0	0	4,310
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.	1,973	298	150	0	0	0	2,421
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.	2,780	75	600	0	0	0	3,455
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.	5,805	800	500	500	500	500	8,605
D1150 FY2005 HIGH RIDGE DRAINAGE	1,785	1,950	0	0	0	0	3,735
D1155 FY2006 LINCOLN DRIVE at CEDAR VIL PARK DRAINAGE There is an inadequate drainage system to carry the runoff from the park side of the road to the outfall side of Lincoln Drive.	1,635	0	0	0	0	0	1,635
D1157 FY2006 ST JOHNS LANE VICINITY DRAINAGE A project for the construction of drainage improvements along St Johns Lane, Northfield Road, Southfield Road, Crescent Road, Hawthorne Road, Crestleigh Road, Club Court and the adjacent neighborhoods.	1,415	0	0	0	0	0	1,415
D1158 FY2008 WATERSHED MANAGEMENT CONSTRUCTION This project is for design and construction of stormwater facility improvements.	47,362	20,000	22,200	22,200	22,200	22,200	156,162
D1159 FY2007 STORMWATER MANAGEMENT FACILITY RECONSTRUC 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.	29,490	10,300	8,000	8,000	8,000	8,000	71,790
D1160 FY2010 STORMWATER MANAGEMENT RETROFITS A project for the retrofit of stormwater management facilities to include water quality management.	19,070	3,000	3,400	3,300	3,000	3,000	34,770
D1161 FY2018 SHAFFERSVILLE ROAD CULVERT REPLACEMENT A project to replace the existing culvert on Shaffersville Road (between Florence Road and Shaffers Mill Road).	0	125	400	0	0	0	525

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : DRAINAGE PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
D1163 FY2012 TROTTER ROAD SLOPE STABILIZATION This project is for the design and construction of stabilization of the streambank of a tributary of the Middle Patuxent River and the adjacent roadway fill of Trotter Road.	755	0	0	0	0	0	755
D1164 FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS This project is for design and construction of Environmental Site Design (ESD) small scale storm water facilities.	3,500	500	500	500	500	500	6,000
D1165 FY2013 FLOOD MITIGATION and STORMWATER/WATERWAY ENHANCEMENT This project is for the study, design, and construction of flood mitigation and stormwater/waterway enhancement efforts in downtown Ellicott City.	11,062	2,500	2,500	2,250	2,250	2,250	22,812
D1166 FY2015 CHESTNUT HILLS DRAINAGE IMPROVEMENTS A project to design and construct drainage improvements in the Chestnut Hills Community including but not limited to: Deerfield Drive, Family Way Springway Road and Ivy Lane.	365	0	0	0	0	0	365
D1167 FY2015 GLENBROOK DRAINAGE IMPROVEMENTS A project to design and construct drainage improvements in the Glenbrook Community including but not limited to: Walker Drive and Dogwood Drive.	760	0	0	0	0	0	760
D1168 FY2015 MORGAN WOODBINE ROAD SLOPE STABILIZATION A project to design and construct stabilization of the roadway embankment of Morgan Woodbine Road adjacent to the South Branch of the Patapsco River.	200	25	440	0	0	0	665
D1169 FY2016 STORM DRAIN CULVERT REPLACEMENT PROGRAM This program will provide for the replacement of failed storm drain pipes and culverts.	1,400	1,900	300	1,500	300	1,500	6,900
D1170 FY2017 CARDINAL FOREST DRAINAGE IMPROVEMENTS A project to provide a drainage system to reduce the runoff from adjacent properties onto the properties at the north end of Dove's Fly Way.	200	450	0	0	0	0	650
D1171 FY2016 CISSELL AVENUE-HADDAWAY PLACE DRAINAGE IMPROVEMENTS A project to acquire the necessary easements of the drainage channel that travels behind the homes of Cissell Avenue and Haddaway Place.	300	0	0	0	0	0	300
D1172 FY2016 DORSEY RUN TRIBUTARY STORM DRAIN REPAIR A project to repair the storm drain that carries drainage from the MD175 area just east of US1 through and from the Columbia East Marketplace to the outfall just south of Assateague Drive and adjacent to US1.	700	0	0	0	0	0	700
D1173 FY2016 HARRIET TUBMAN LANE DRAINAGE IMPROVEMENTS A project to design and construct drainage improvements along Harriet Tubman Lane in the 7900 and 8000 block area.	275	200	0	0	0	0	475

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : DRAINAGE PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
D1174 FY2016 SPRING GLEN DRAINAGE IMPROVEMENTS	75	15	175	0	0	0	265
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	700	3,800	2,200	0	0	0	6,700
This project is for the study, design and construction of flood mitigation and stormwater/waterway improvement efforts in the Valley Mede and Chatham subwatersheds.							
	135,679	46,638	41,790	38,250	36,750	37,950	337,057

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 DRAIN-DRAINAGE PROJECTS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	57,010	25,940	20,015	16,000	15,500	16,700	151,165
D	DEVELOPER CONTRIBUTION	200	0	0	0	0	0	200
G	GRANTS	19,365	2,148	2,000	2,000	2,000	2,000	29,513
O	OTHER SOURCES	9,067	8,000	9,000	10,000	10,000	10,000	56,067
P	PAY AS YOU GO	5,780	800	800	550	550	550	9,030
R	STORMWATER UTILTY FUNDING	37,592	8,700	8,700	8,700	8,700	8,700	81,092
S	STORM DRAINAGE FUND	2,465	50	275	0	0	0	2,790
T	TRANSFER TAX	0	1,000	1,000	1,000	0	0	3,000
W	WATER QUALITY State Bond Loan	4,200	0	0	0	0	0	4,200
Total		135,679	46,638	41,790	38,250	36,750	37,950	337,057

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : SCHOOL SYSTEM PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
E0973 FY2003 WAVERLY ELEM RENOVATION/PHASE II ADDITION This project will be completed in two phases at Waverly Elementary School.	36,769	3,000	0	0	0	0	39,769
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.	259,657	27,300	26,657	37,703	23,822	42,775	417,914
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.	5,603	200	200	200	200	200	6,603
E0990 FY2002 PLAYGROUND EQUIPMENT Improvements and installation of playground equipment at various school sites.	2,930	300	300	300	300	300	4,430
E0993 FY2004 RELOCATABLE CLASSROOMS PROGRAM 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 in August 2017.	20,110	1,500	1,500	1,500	1,500	1,500	27,610
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.	44,588	5,000	5,000	5,000	5,000	5,000	69,588
E0995 SITE ACQUISITION and CONSTRUCTION RESERVE This account is a contingency fund for site acquisition and school construction at various school sites.	19,153	2,000	2,000	2,000	2,000	2,000	29,153
E1012 FY2008 SCHOOL PARKING LOT EXPANSION A project to provide for the construction of additional parking spaces and modification of parking lots to improve traffic flow patterns at existing school sites.	4,200	600	600	600	600	600	7,200
E1015 FY2011 ATHOLTON HIGH RENOVATION A project to expand educational program spaces and renovate Atholton High School.	59,819	0	0	0	0	0	59,819
E1020 FY2011 NEW ELEMENTARY SCHOOL #41 A project to construct a new elementary school to relieve the Northeastern and Northern regions.	34,027	0	0	0	0	0	34,027
E1021 FY2011 TECHNOLOGY A capital project to provide and sustain a viable technology infrastructure consistent with the HCPSS technology plan at various school sites.	41,986	5,000	5,000	5,000	5,000	5,000	66,986
E1024 FY2018 HAMMOND HIGH SCHOOL RENOVATION A project to expand educational program spaces and renovate Hammond High School.	0	0	0	0	0	2,800	2,800

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : SCHOOL SYSTEM PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
E1027 FY2013 LONGFELLOW ELEM ADDITION A project to expand educational program spaces and renovate Longfellow Elementary School.	17,450	0	0	0	0	0	17,450
E1028 FY2016 NEW ELEMENTARY SCHOOL #42 A project to construct a new elementary school to relieve the Northeastern and Southeastern regions.	35,742	8,132	0	0	0	0	43,874
E1030 FY2014 DEEP RUN ELEM SCHOOL RENOVATION/ADDITION A project to expand educational program spaces and renovate Deep Run Elementary School.	24,011	0	0	0	0	0	24,011
E1031 FY2014 WILDE LAKE MIDDLE SCHOOL REPLACEMENT A project to replace Wilde Lake Middle School.	44,777	0	0	0	0	0	44,777
E1032 FY2014 LAUREL WOODS ELEM SCHOOL ADDITION A project to expand educational program spaces at Laurel Woods Elementary School.	8,823	0	0	0	0	0	8,823
E1033 FY2015 PATUXENT VALLEY MIDDLE SCHOOL RENOVATION A project to expand educational program spaces and renovate Patuxent Valley Middle School.	29,535	0	0	0	0	0	29,535
E1034 FY2015 SWANSFIELD ELEM SCHOOL RENOVATION/ADDITION A project to expand educational program spaces and renovate Swansfield Elementary School.	26,902	0	0	0	0	0	26,902
E1035 FY2018 NEW HIGH SCHOOL #13 A project to construct a new high school to provide the HCPSS with the opportunity to expand college and career readiness programs for high school students across the county.	1,000	13,250	35,250	27,200	36,500	25,325	138,525
E1036 FY2019 OAKLAND MILLS MIDDLE SCHOOL RENOVATION The Oakland Mills Middle School project will renovate the existing facility.	0	3,000	18,828	6,000	0	0	27,828
E1037 FY2023 ELLICOTT MILLS MIDDLE SCHOOL ADDITION The Ellicott Mills Middle School project will add 156 seats of new capacity to the existing school.	0	0	0	0	0	544	544
E1038 FY2017 PLANNING AND DESIGN The Planning and Design project has been established to provide funding for feasibility studies prior to the funding of individual projects.	600	300	300	300	300	300	2,100
E1039 FY2020 NEW ELEM SCHOOL #43 The New Elementary School #43 will be a new facility.	0	0	5,380	20,166	22,125	8,124	55,795
E1040 FY2024 NEW ELEM SCHOOL #44 The New Elementary School #44 will be a new facility.	0	0	0	0	0	0	0
E1041 FY2026 NEW ELEM SCHOOL #45 The New Elementary School #45 will be a new facility.	0	0	0	0	0	0	0

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : SCHOOL SYSTEM PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
E1043 FY2019 TALBOTT SPRINGS ELEM SCHOOL RENOVATION	0	3,000	15,800	9,200	0	0	28,000
A project to expand educational program spaces and renovate Talbott Springs Elementary School.							
	717,682	72,582	116,815	115,169	97,347	94,468	1,214,063

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 EDUC-SCHOOL SYSTEM PROJECTS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
A	STATE AID for SCHOOLS	211,846	2,228	32,538	49,664	37,046	36,293	369,615
B	BONDS	387,557	60,954	74,677	55,705	50,301	48,175	677,369
P	PAY AS YOU GO	4,858	0	0	0	0	0	4,858
T	TRANSFER TAX	68,498	7,400	7,600	7,800	8,000	8,000	107,298
Z	EDUCATION EXCISE BONDS	44,923	2,000	2,000	2,000	2,000	2,000	54,923
Total		717,682	72,582	116,815	115,169	97,347	94,468	1,214,063

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : FIRE PROJECTS and EQUIPMENT

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
F5960 FY2001 FIRESTATION SYSTEMIC IMPROVEMENTS An ongoing project to replace or renovate major systems, fixtures, or structures in various existing fire stations/PSTC.	5,693	300	300	300	300	300	7,193
F5963 FY2004 EMERGENCY CONTROL SIGNAL SYSTEM A project to install priority control systems in authorized emergency vehicles and at several strategic traffic signals to allow pre-emption of the signal when responding to emergency calls.	245	0	0	0	0	0	245
F5964 FY2012 FIRESTATION ONE RELOCATION A project to move Fire Station #1 to a more optimal location in Elkridge, close to the existing fire station location, but without the present site restrictions.	19,497	0	0	0	0	0	19,497
F5972 FY2008 RURAL FIRE PROTECTION PROGRAM A project to provide and augment fire protection systems in rural areas within the County, outside of the Water and Sewer Planned Service Area.	7,100	0	0	0	0	0	7,100
F5973 FY2010 LOGISTICS FACILITY Construction of a 17,000 SF facility to house the Department's Quartermaster, Breathing Apparatus Repair Shop, Equipment Repair Shop, Reserve Emergency Apparatus, Equipment Storage.	1,850	0	0	0	0	0	1,850
F5975 FY2010 ROUTE ONE FIRE STATION A project to construct a new 30,000 SF fire station at the intersection of RT1 & Port Capital Drive.	15,280	0	0	0	0	0	15,280
F5976 FY2018 NORTH COLUMBIA FIRE STATION A project to construct a new 10,000 SF fire station 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 in the area.	400	1,500	4,555	0	0	0	6,455
	50,065	1,800	4,855	300	300	300	57,620

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 FIRE-FIRE PROJECTS and EQUIPMENT**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	31,395	1,800	4,855	300	300	300	38,950
G	GRANTS	500	0	0	0	0	0	500
O	OTHER SOURCES	9,855	0	0	0	0	0	9,855
P	PAY AS YOU GO	810	0	0	0	0	0	810
T	TRANSFER TAX	7,505	0	0	0	0	0	7,505
Total		50,065	1,800	4,855	300	300	300	57,620

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : AGRICULTURAL PRESERVATION

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
G0163 AGRICULTURAL LAND PRESERVATION PROGRAM	170,608	0	0	0	0	0	170,608
A voluntary program to preserve farmland by purchasing development rights from landowners via a perpetual easement.							
	170,608	0	0	0	0	0	170,608

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 AGPRES-AGRICULTURAL PRESERVATION**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
G	GRANTS	78	0	0	0	0	0	78
O	OTHER SOURCES	156,500	0	0	0	0	0	156,500
T	TRANSFER TAX	14,030	0	0	0	0	0	14,030
Total		170,608	0	0	0	0	0	170,608

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : HIGHWAY RESURFACING

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
H2011 FY2013 MICRO SURFACING PROGRAM A program of applying polymer asphalt emulsion or paving fabric over the existing surface of roads to provide an impervious new wearing surface.	3,500	1,500	1,500	1,500	1,500	1,500	11,000
H2013 FY2006 PARKING RESURFACING PROGRAM A project to provide milling and repaving for various County facilities' parking.	1,510	250	250	250	250	250	2,760
H2014 FY2013 ROAD RESURFACING PROGRAM A project to provide resurfacing to various County roads.	44,000	5,000	5,000	5,000	5,000	5,000	69,000
H2015 FY2013 ROADWAY INFRASTRUCTURE INVENTORY AND ASSESSMENT A program to provide roadway images and pavement data collection, perform pavement management repair assessment, consulting services for optimization of pavement repair recommendations, perform profile data International Roughness Index (IRI) and calculate Pavement Condition Index (PCI).	400	0	80	200	80	200	960
H2016 FY2013 STREET TREE PROGRAM A program to comprehensively address the removal and replacement of street trees.	2,250	500	500	500	500	500	4,750
H2017 HOT IN-PLACE RECYCLING PROGRAM A program to in-place re-profile roads surface to various County roads.	0	1,500	1,500	1,500	1,500	1,500	7,500
H8904 FY2007 COMMUNITY ROAD REVITALIZATION A project to upgrade streets, curbs and sidewalks in established neighborhoods.	3,725	500	500	500	500	500	6,225
	55,385	9,250	9,330	9,450	9,330	9,450	102,195

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 RESURF-HIGHWAY RESURFACING**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	500	0	0	0	0	0	500
G	GRANTS	1,000	0	0	0	0	0	1,000
P	PAY AS YOU GO	53,885	9,250	9,330	9,450	9,330	9,450	100,695
Total		55,385	9,250	9,330	9,450	9,330	9,450	102,195

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : ROAD CONSTRUCTION PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
J4076 DEFAULTED DEVELOPER AGREEMENTS An appropriation is requested under this project to construct roads, stormwater management, storm drains, street trees, or associated facilities where the developer has failed to build all facilities in accordance with the plans and Developer Agreement.	8,700	0	0	0	0	0	8,700
J4099 CATEGORY CONTINGENCY FUND The fund is designed for use as a revenue source for Transfers of Appropriation during a fiscal year.	715	0	0	0	0	0	715
J4110 FY1991 DORSEY RUN ROAD - SOUTH LINK A project for design and construction of approximately 5,000 feet of Dorsey Run Road from Guilford Road north to the CSX railroad spur crossing.	8,062	0	0	0	0	0	8,062
J4121 PRIVATE ROAD RECONSTRUCTION PROGRAM This project will provide for the reconstruction of private roads to bring them to a minimum standard for an all-weather roadway per Howard County Design Manual Volume III.	828	0	0	0	0	0	828
J4142 FY1998 HALL SHOP ROAD IMPROVEMENTS Reconstruct Hall Shop Road (a major collector) at two locations to improve sight distance and eliminate a sharp curve.	842	1,500	0	0	0	0	2,342
J4148 FY2000 DORSEY RUN ROAD EXTENSION This project is for the extension of Dorsey Run Road from MD103 to MD175, a total of approximately 3 miles.	32,930	0	0	0	0	0	32,930
J4154 FY1998 RETAINING WALL REPLACEMENTS A Countywide project for the design and construction of replacement or rehabilitated retaining walls.	2,344	0	0	0	0	0	2,344
J4155 FY2012 MARRIOTTSVILLE RD SAFETY IMPROVEMENTS Reconstruct shoulders, replace guardrails and stabilize roadway embankment at numerous locations along 2.	890	225	0	2,150	0	0	3,265
J4164 FY1997 ROADWAY CAPACITY IMPROVEMENTS A project to provide increased capacity and safety of various County roads and intersections.	8,221	0	0	0	0	0	8,221
J4167 FY2010 SNOWDEN RIVER/BROKEN LAND INTERSECT A project for design and reconstruction of the Snowden River Parkway/Broken Land Parkway/Patuxent Woods Drive intersection including westbound MD32 ramp to northbound Broken Land Parkway.	680	0	1,175	0	0	0	1,855
J4168 FY1998 ROADWAY REHABILITATION/SAFETY PROGRAM A project to correct roadway failure/safety problems on existing roads at various intersections or along various roadway segments.	3,843	0	0	0	0	0	3,843

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : ROAD CONSTRUCTION PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
J4170 FY2004 ROGER'S AVENUE IMPROVEMENTS A project for design and construction of approximately 1,500 LF of Rogers Avenue from existing improvements near US40 to Court House Drive.	4,230	0	0	0	0	0	4,230
J4173 FY2000 HANOVER ROAD IMPROVEMENTS A project for the study, design and reconstruction of the Hanover Road at Hi-Tech Road intersection.	650	1,135	0	0	0	0	1,785
J4177 FY2001 STATE ROAD CONSTRUCTION A project for cost sharing of new State roadway construction within Howard County that is consistent with the objectives of the Plan Howard 2030.	21,765	2,500	0	0	0	0	24,265
J4178 FY2001 COUNTY / STATE NOISE ABATEMENT A program with SHA for the construction of noise reduction sound walls to shield sections of residential communities.	7,135	0	0	0	0	0	7,135
J4181 FY2003 GUILFORD RD (US1 to DORSEY RUN RD) This project is to study, design, and reconstruct Guilford Road to three lanes from US1 to Old Dorsey Run Road; a distance of 5,800 LF.	1,875	0	14,520	0	0	0	16,395
J4182 FY2002 DORSEY RUN ROAD IMPROVEMENTS This project is to study, design and reconstruct Dorsey Run Road to four lanes from MD175 south to the CSX railroad spur crossing; a distance of 6,000 LF.	3,000	800	10,000	0	0	0	13,800
J4202 FY2004 STEPHENS ROAD IMPROVEMENTS A project for the design and reconstruction of Stephens Road from Whiskey Bottom Road to Gorman Road.	9,160	0	0	0	0	0	9,160
J4205 FY2006 MARRIOTTSVILLE ROAD IMPROVEMENTS A project to widen Marriottsville Road from MD99 to US40, including the Marriottsville Road bridge over I-70.	6,125	0	20,375	0	0	0	26,500
J4206 FY2007 MONTEVIDEO ROAD IMPROVEMENTS A project to improve Montevideo Road as detailed in the Montevideo Road Study.	9,305	665	5,100	0	0	0	15,070
J4207 FY2009 OAKLAND MILLS ROAD IMPROVEMENTS A project to improve Oakland Mills Road from Guilford Road northward to Carters Lane.	6,100	0	0	0	0	0	6,100
J4208 FY2006 WATERSVILLE ROAD SLOPE RECONSTRUCTION A project to stabilize/reconstruct the slope that supports the roadbed of Watersville Road.	560	0	0	0	0	0	560
J4211 FY2007 ROADWAY CAPACITY IMPROVEMENTS A project to provide increased capacity and safety on various County roads and intersections.	1,375	0	650	0	0	0	2,025
J4212 FY2007 STATE ROAD CONSTRUCTION A project for cost sharing of new State roadway construction within Howard County that is consistent with the objectives of the Plan Howard 2030.	35,400	0	0	0	0	0	35,400

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : ROAD CONSTRUCTION PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
J4214 FY2007 GUILFORD AT VOLLMERHAUSEN IMPROVEMENTS A project to design and construct improvements to the intersection of Guilford Road at Vollmerhausen Road and along Guilford Road to the west towards Carroll Heights Ave.	3,545	0	0	0	0	0	3,545
J4215 FY2007 MARRIOTTSVILLE ROAD from US40 to MD144 Realignment and shoulder improvements to Marriottsville Road from US40 to MD144.	5,740	0	0	3,400	0	0	9,140
J4219 FY2015 ENGINEERING STUDY PROGRAM A project for engineering roads to conform to the Plan Howard 2030 Highways Map to evaluate realignment schemes and to support the transportation and safety needs of the County.	200	50	0	0	0	0	250
J4220 FY2014 DEVELOPER/COUNTY SHARED IMPROVEMENTS A project to facilitate the design, land acquisition and construction of roadway modifications and their appurtenances at various intersections or roadway segments.	725	150	0	0	0	0	875
J4222 FY2008 SNOWDEN RIVER PARKWAY WIDENING BROKENLAND TO OAKLAND MILLS A project to design and construct a widening of Snowden River Parkway (intermediate arterial) by adding a third lane and sidewalks from Broken Land Parkway to Oakland Mills Road.	2,925	9,350	0	0	0	0	12,275
J4225 FY2008 ELLICOTT CENTER DR CONNECTION to ROGERS A project to design and construct a road to connect Ellicott Center Drive to Rogers Avenue.	1,860	0	0	0	0	0	1,860
J4226 FY2008 ROAD PROJECTS CONTINGENCY FUND A project to provide funds for unanticipated needs related to bridges and roadways.	2,000	0	200	0	0	0	2,200
J4228 FY2008 ILCHESTER and LANDING ROAD INTERSECT A project to realign the intersection of Landing Road with Ilchester Road so that Landing Road intersects Ilchester Road directly across from Ilchester Point Court.	1,000	0	0	0	0	0	1,000
J4229 FY2008 WHISKEY BOTTOM ROAD IMPROVEMENTS A project to design and construct improvements to Whiskey Bottom Road from just west of US1 to the Anne Arundel County Line.	820	0	0	0	0	0	820
J4230 FY2017 SANNER ROAD IMPROVEMENTS A project to provide bicycle compatibility by widening the existing 10-foot lanes to 12 feet and filling in the missing shoulders along both sides of the road.	150	55	725	0	0	0	930
J4231 FY2013 ELKRIDGE MAIN STREET IMPROVEMENTS A project to replace the curb, gutter and sidewalks along Main Street from Old Washington Road to Brumbaugh Street in Elkridge.	100	50	500	0	0	0	650

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : ROAD CONSTRUCTION PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
J4237 FY2010 MD175/OAKLAND MILLS ROAD INTERCHANGE A project to design and construct a new MD175/Oakland Mills Road interchange and the re-alignment of Oakland Mills Road through the proposed Blandair Park.	14,000	9,500	0	0	0	0	23,500
J4239 FY2014 OLD ROXBURY ROAD A project to design and construct improvements to Old Roxbury Road.	810	0	0	0	0	0	810
J4240 ROADWAY REHABILITATION/SAFETY PROGRAM A project to correct safety or structural problems on existing roads.	150	350	350	350	250	250	1,700
J4241 FY2011 US RT 1 RT 175 to MONTEVIDEO ROAD A project for the design and reconstruction of approximately 2,500 feet of US1 from MD175 to Montevideo Road.	5,550	0	12,100	0	0	0	17,650
J4242 FY2014 BRIGHTON DAM ROAD at HIGHLAND ROAD ROUNDABOUT A project to design and construct a roundabout at the intersection of Brighton Dam Road and Highland Road.	265	125	1,100	0	0	0	1,490
J4244 FY2015 BUSINESS PARKWAY-BLUESTREAM DRIVE EMERGENCY ACCESS A project to design and construct a connection between Business Parkway and Bluestream Drive to act as an emergency access or exit.	230	0	0	0	0	0	230
J4245 FY2016 SCENIC ROADS ENHANCEMENT A project to plan, design, and install enhancements at certain historic or high visibility locations along the National Scenic Byway or County scenic roads.	230	0	0	0	0	0	230
J4246 FY2018 OLD MONTGOMERY ROAD AT BRIGHTFIELD ROAD INTERSECTION IMPROVEMENTS A project to reconfigure the intersection of Old Montgomery Road and Brightfield Road for safety and increased capacity.	200	50	1,575	0	0	0	1,825
J4247 FY2017 KIT KAT ROAD A project to improve the safety of Kit Kat Road by widening the road enough to allow for the traffic to be able to pass each other more easily.	175	200	0	1,400	0	0	1,775
J4248 FY2017 SAVAGE AREA COMPLETE STREETS The project includes complete street improvements in Savage, Maryland to enhance multimodal travel for pedestrians, bicyclists, transit, and automobiles.	325	2,300	0	0	0	0	2,625
J4249 FY2017 MD 100 AT MD 103 A project to design and construct a replacement of the roundabouts of MD103 on the north and south sides of MD100 with a diverging diamond interchange in order to increase the capacity of the interchange.	5,750	0	0	0	0	0	5,750
J4250 FY2019 HOWARD ROAD IMPROVEMENTS A project to improve the safety of Howard Road north of Big Branch Drive.	0	75	25	350	0	0	450
J4251 FY2018 LIME KILN ROAD IMPROVEMENTS A project to improve the roadway and drainage along Lime Kiln Road between MD 216 and Reservoir Road.	150	400	600	9,000	0	0	10,150

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : ROAD CONSTRUCTION PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
J4252 FY2018 SYSTEMIC INFRASTRUCTURE IMPROVEMENTS TO DNTN ELLICOTT CITY A project to improve or upgrade road and drainage infrastructure systems as a result of the 2016 Ellicott City Flood.	500	2,200	0	0	0	0	2,700
J4711 FY2011 DEVELOPER INSPECTION PROGRAM A project to provide engineering and related services, computer management, asset management, inspection, testing, staff training, supplies, tools, equipment and vehicles necessary for site inspections for the implementation of developer projects that make additions to the public road and storm water management systems.	9,000	3,000	0	3,000	0	3,000	18,000
	231,135	34,680	68,995	19,650	250	3,250	357,960

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 ROAD-ROAD CONSTRUCTION PROJECTS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	26,609	29,055	68,945	16,650	250	250	141,759
D	DEVELOPER CONTRIBUTION	23,540	3,075	50	3,000	0	3,000	32,665
E	EXCISE TAX	17,922	2,500	0	0	0	0	20,422
G	GRANTS	2,080	0	0	0	0	0	2,080
O	OTHER SOURCES	4,799	0	0	0	0	0	4,799
P	PAY AS YOU GO	908	50	0	0	0	0	958
X	EXCISE TAX BACKED BONDS	155,277	0	0	0	0	0	155,277
Total		231,135	34,680	68,995	19,650	250	3,250	357,960

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : SIDEWALKS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
K5035 FY1998 SCHOOL ROUTE PATHWAYS or SIDEWALKS This project is for the installation of sidewalks and/or pathways to provide for improved routes for school children.	1,388	500	0	0	0	0	1,888
K5036 FY1998 ROUTINE SIDEWALK / WALKWAY EXTENSIONS A project to design and construct routine sidewalk and walkway extensions up to about 1,000 feet in length.	1,070	800	0	0	0	0	1,870
K5040 FY2005 GUILFORD RD PEDESTRIAN/BIKE IMPROVE A project for the design and construction of sidewalk on one or both sides of Guilford Road between Oakland Mills Road and US1.	725	1,710	0	0	0	0	2,435
K5043 SIDEWALK REPAIR PROGRAM This project is for the repair of deteriorated sidewalks and driveway aprons that are in the public rights-of-way.	4,665	1,000	1,000	1,000	1,000	1,000	9,665
K5054 FY2003 ROADSIDE IMPROVEMENT PROGRAM This project is to repair, replace or install sidewalks and ramps for disability areas, curbs, trees, and guardrails to comply with applicable Federal, State and County codes, and to reduce liabilities due to deteriorating appurtenances within County rights-of-way.	3,715	500	500	500	500	500	6,215
K5061 FY2007 PEDESTRIAN PLAN PROJECTS A project for the ongoing evaluation, design and construction of pedestrian improvements listed in the Howard County Pedestrian Master Plan.	2,877	650	650	650	650	0	5,477
K5062 FY2009 STATE ROADS SIDEWALK RETROFIT PROGRAM A project to design and construct improved pedestrian access along State roads.	300	100	100	100	0	0	600
K5063 FY2017 NORTH LAUREL ROAD SIDEWALK A project for the design and construction of a sidewalk along the southwest side of North Laurel Road from Linville Ave to US1.	75	25	120	0	0	0	220
K5064 FY2017 MISSION ROAD SIDEWALK A project to install sidewalk along parts of Mission Road.	75	210	0	0	0	0	285
K5065 FY2018 DONCASTER DRIVE SIDEWALK A project to construct approximately 1,200 LF of sidewalk along Doncaster Drive from Roundhill Road to Hale Haven Road.	50	60	0	0	0	0	110
K5066 FY2014 BICYCLE PLAN PROJECTS A project for the implementation of the comprehensive Howard County Bicycle Master Plan.	2,591	1,800	1,800	1,800	1,500	0	9,491
K5067 ADA RAMPS COMPREHENSIVE STUDY PROGRAM A program to self-evaluate Countywide ramps and curb cuts in compliance with American with Disabilities Act 1990 (ADA) requirements.	0	0	0	600	0	0	600
K5068 ADA RAMPS UPGRADE PROGRAM A program to upgrade sidewalk ramps and curb cuts in compliance with Federal Americans with Disabilities Act 1990 (ADA) requirements.	900	3,000	3,000	3,000	3,000	3,000	15,900

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 Program : SIDEWALKS**

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
K5069 BITUMINOUS CURB REPLACEMENT PROGRAM	900	1,000	1,000	1,000	1,000	1,000	5,900
A program to replace bituminous curbs with concrete ones.							
	19,331	11,355	8,170	8,650	7,650	5,500	60,656

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 SIDE-SIDEWALKS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	11,100	9,745	6,420	6,300	5,950	4,000	43,515
D	DEVELOPER CONTRIBUTION	804	0	100	100	100	0	1,104
G	GRANTS	1,057	50	150	150	100	0	1,507
O	OTHER SOURCES	481	0	35	25	25	25	591
P	PAY AS YOU GO	5,889	1,560	1,465	2,075	1,475	1,475	13,939
Total		19,331	11,355	8,170	8,650	7,650	5,500	60,656

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : LIBRARY PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
L0012 FY2007 MILLER BRANCH/HISTORICAL CENTER A project to replace Howard County Library's (HCL) existing Miller Branch with a new, up-to-date facility on a separate parcel of land.	27,797	0	0	0	0	0	27,797
L0014 FY2011 MILLER BRANCH PHASE II: LIBRARY SPACE CONVERSION This project repurposes the obsolete Howard County Library, Miller Branch into consolidated HCL business offices (23,000sf).	8,321	0	0	0	0	0	8,321
L0015 FY2008 ELKRIDGE BRANCH/SENIOR CENTER A project to provide additional required public library & senior center space in the RT1 Corridor of Elkridge.	30,111	0	0	0	0	0	30,111
L0016 FY2012 RENOVATE CENTRAL & EAST COLUMBIA BRANCHES While this project does not expand total square feet for the buildings, it converts former administrative space into public service space, to the benefit of students of all ages.	6,086	0	0	0	0	0	6,086
L0017 FY2008 SAVAGE BRANCH A project to provide additional required public library space in the RT1 Corridor of North Laurel.	5,314	0	0	0	0	0	5,314
L0018 FY2018 GLENWOOD BRANCH RENOVATION A project to renovate the Glenwood Branch to include much needed study rooms and classroom space for the benefit of students of all ages.	730	0	0	0	0	0	730
L0019 FY2018 SOUTHWEST BRANCH Conduct a site survey and feasibility assessment for a new HCLS Branch in Howard County's Southwest region.	0	0	285	5,211	32,960	2,575	41,031
L0020 FY2021 NEW HCLS CENTRAL BRANCH & RELOCATION Relocation of HCLS Central Branch due to Downtown Columbia Redevelopment Plans.	0	0	0	488	487	0	975
	78,359	0	285	5,699	33,447	2,575	120,365

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 LIBRA-LIBRARY PROJECTS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	72,216	0	285	5,699	33,447	2,575	114,222
G	GRANTS	5,478	0	0	0	0	0	5,478
O	OTHER SOURCES	665	0	0	0	0	0	665
Total		78,359	0	285	5,699	33,447	2,575	120,365

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : HOWARD COMMUNITY COLLEGE

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
M0536 FY2015 NURSING and ST BUILDING RENOVATIONS Renovate the Nursing Building and ST Building of approximately 107,000 GSF following the move of health sciences programs and science, engineering and technology programs into their new buildings.	25,282	17,960	0	0	0	0	43,242
M0539 FY2020 MATHEMATICS BUILDING The purpose of this project is to design and construct a new mathematics building of approximately 70,000 GSF.	0	0	2,500	25,200	2,800	0	30,500
M0542 FY2016 CAMPUS ROADWAYS and PARKING Provide required modifications to campus roadways and parking to accommodate necessary changes to vehicular and pedestrian traffic patterns.	16,400	0	0	0	0	0	16,400
M0543 FY2012 SCIENCE ENGINEERING and TECHNOLOGY BLDG Design and construct a science, engineering, and technology building of approximately 145,300 GSF.	76,766	0	0	0	0	0	76,766
M0545 FY2025 MAINTENANCE BUILDING The purpose of this project is to obtain a maintenance building to support plant operations and facilities.	0	0	0	0	0	0	0
M0546 FY2022 ATHLETIC and FITNESS CENTER Construct a new athletic and fitness center of approximately 110,000 gross square feet to replace the existing facility constructed in 1969.	0	0	0	0	3,900	20,100	24,000
M0547 FY2026 CONTINUING EDUCATION BUILDING Construct a new continuing education and workforce development facility of approximately 60,000 GSF to support noncredit courses, contract credit courses, and professional services to individuals, county agencies, and employers throughout the State of Maryland.	0	0	0	0	0	0	0
M0550 FY2017 SYSTEMIC RENOVATIONS This project addresses campuswide systemic renovations and deferred maintenance.	4,456	6,951	11,326	2,357	9,048	1,809	35,947
	122,904	24,911	13,826	27,557	15,748	21,909	226,855

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 HCC-HOWARD COMMUNITY COLLEGE**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	58,516	16,200	12,576	14,957	12,398	11,859	126,506
CC	COLLEGE REVENUE BACKED BOND	7,717	0	0	0	0	0	7,717
G	GRANTS	50,441	8,711	1,250	12,600	3,350	10,050	86,402
O	OTHER SOURCES	6,230	0	0	0	0	0	6,230
Total		122,904	24,911	13,826	27,557	15,748	21,909	226,855

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : PARKS PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
N3102 FY2000 BLANDAIR REGIONAL PARK A project to master plan, design, and construct a 298-acre regional park, and restore the 19th century Blandair Mansion and out buildings located off MD175 in Columbia.	34,036	500	4,000	3,400	4,000	4,000	49,936
N3103 FY2000 PARKLAND ACQUISITION PROGRAM This project establishes a fund for County-wide park land acquisition and related expenses.	27,109	0	0	0	0	0	27,109
N3105 FY1995 MEADOWBROOK PARK A project to master plan, design, and develop an 84-acre park located southeast of MD100/US29.	8,689	0	0	0	0	0	8,689
N3107 FY2000 ROCKBURN BRANCH PARK A project to provide additional improvements at Rockburn Park to include the synthetic turf field, parking, a restroom and utility extensions.	5,779	0	0	0	0	0	5,779
N3108 FY2004 PARK SYSTEMIC IMPROVEMENTS This project will provide replacement of all types of park facilities and related engineering to include equipment, or building elements which have deteriorated beyond routine maintenance efforts.	27,028	1,500	1,500	2,700	1,500	2,800	37,028
N3109 FY2004 PARKS RESURFACING PROGRAM A project to fund roadway, pathway, trails, parking lot, playground and game court resurfacing, replacement and additions within the County's park system.	7,095	500	500	500	500	0	9,095
N3932 FY2000 WESTERN REGIONAL PARK A project to design and construct a 160-acre regional park located northwest of the intersection of Carrs Mill Road and MD97.	18,083	0	0	0	0	0	18,083
N3940 FY2000 NORTH LAUREL PARK A project to design and construct a 51-acre park and swimming pool lying northeast of North Laurel Road and Washington Avenue.	7,026	7,500	7,500	0	0	0	22,026
N3947 FY1999 NEIGHBORHOOD PLAYGROUND PROGRAM This project will develop neighborhood playground facilities on County parkland or open space throughout the County where community need has been demonstrated.	240	0	0	0	0	0	240
N3953 FY2000 CENTENNIAL LAKE RESTORATION A project to design and construct improvements to Centennial Lake to include dredging, artificial aeration, and shoreline stabilization.	87	0	0	0	0	0	87
N3957 FY2003 TROY PARK & HISTORIC REHABILITATION A project to acquire an additional 5 acres, rehabilitate an 1820 historic house, and design and construct a 106-acre Regional Park and Community Center/Athletic Complex at MD100 and US1.	23,514	4,000	3,100	3,000	0	0	33,614

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : PARKS PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
N3958 FY2003 HISTORIC STRUCTURES REHABILITATION This project creates a fund for the preservation and rehabilitation of historic properties under the management of the Department of Recreation and Parks.	9,518	500	500	500	500	0	11,518
N3959 FY2005 PATAPSCO FEMALE INSTITUTE SITE WORK A project to design and construct site improvements related to the historic Patapsco Female Institute located on Sarah's Lane in Ellicott City.	1,537	0	0	0	0	0	1,537
N3960 FY2006 ROBINSON PROPERTY NATURE CENTER A project to design and construct a nature center and related site improvements on the former Robinson property located at Cedar Lane and Harriet Tubman Lane.	17,772	0	0	0	0	0	17,772
N3962 FY2008 CENTENNIAL PARK IMPROVEMENTS This project consists of improvements to Centennial Park to include replacement of field lights, synthetic turf field, expanded parking, pond to stream retrofit, stream bank stabilization, maintenance shop/office addition, boat rental expansion, roadway/parking repairs and upgrades, and new signage.	829	0	0	0	0	0	829
N3963 FY2009 PATHWAY and TRAIL REHAB and EXPANSION A project to rehabilitate and expand the existing Pathway and Trail System throughout the County.	2,605	100	100	100	100	100	3,105
N3965 FY2007 MIDDLE PATUXENT IMPROVEMENTS A project to design and construct a restroom, storage building, parking improvements and bridges in the Middle Patuxent Environmental Area located southeast of the intersection of MD108 and Trotter Road.	1,870	0	0	0	0	0	1,870
N3967 FY2007 SOUTH BRANCH PARK A project to design and construct a seven-acre park located at Old West Friendship Road and the Patapsco River just south of Sykesville.	1,468	0	0	0	0	0	1,468
N3970 FY2008 RECREATION and PARKS HEADQUARTERS EXPAN A project to design and construct site improvements and additional office and warehouse space for the Recreation and Parks Headquarters on Oakland Mills Road in Columbia.	118	0	0	0	0	0	118
N3971 FY2009 FOREST CONSERVATION MITIGATION EASEMENT PGM A project to conserve or create forested areas within the County through the use of developer fees in accordance with local and State forest mitigation requirements.	3,100	0	0	0	0	0	3,100
N3972 FY2011 DEFAULTED FOREST CONSERVATION and LANDSCAPING A project to provide for planting of shrubs, trees, as necessary in a subdivision or site where a developer failed to install the forest conservation improvements and landscape improvements in accordance with the approved forest conservation plan, landscape plan and developer agreement.	905	0	0	0	0	0	905

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : PARKS PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
N3973 FY2014 EAST COLUMBIA LIBRARY ATHLETIC FIELD and SITE IMPROVEMENTS A project to upgrade the athletic fields at East Columbia Library, located off of Cradlerock in Columbia.	3,900	0	0	0	0	0	3,900
N3976 FY2025 SOUTH FULTON PARK A project to master plan, design and construct a 84-acre community park located off of Rt29 and Murphy Road, north of the Patuxent River.	0	0	0	0	0	0	0
N3977 FY2025 KIWANIS PARK EXTENSION A project to master plan, design and construct an additional 30-acre site adjacent to the existing Kiwanis Park and to improve the existing park site.	0	0	0	0	0	0	0
N3978 FY2018 PARKLAND ACQUISTION PROGRAM This project establishes a fund for County-wide park land acquisition and related expenses.	130	1,050	1,050	1,050	1,050	1,050	5,380
	202,438	15,650	18,250	11,250	7,650	7,950	263,188

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 PARKS-PARKS PROJECTS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	90,227	12,000	14,600	7,600	4,000	4,800	133,227
D	DEVELOPER CONTRIBUTION	952	0	0	0	0	0	952
G	GRANTS	51,488	1,000	1,000	1,000	1,000	1,000	56,488
O	OTHER SOURCES	11,344	0	0	0	0	0	11,344
P	PAY AS YOU GO	2,882	0	0	0	0	0	2,882
T	TRANSFER TAX	45,545	2,650	2,650	2,650	2,650	2,150	58,295
Total		202,438	15,650	18,250	11,250	7,650	7,950	263,188

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : POLICE PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
P4920 FY2001 MOBILE DATA POLICE COMPUTERS Project for the purchase, installation and support of mobile computers for police operations in the field.	4,500	0	0	0	0	0	4,500
P4926 FY2009 CHILD ADVOCACY CENTER A project for the provision of a larger Child Advocacy Center, maintaining a "child friendly" environment, but meeting the expanding facilities requirements for the present and future policing demands.	0	0	1,000	1,025	4,570	500	7,095
P4927 FY2009 CRIMINAL INVESTIGATIONS BUREAU BLDG/WARFIELD ADDITION A project for the construction of new Criminal Investigations space and space for the relocation of Police forces from the Gateway Building, as an addition to the present Northern District Police Station.	0	1,645	9,270	650	0	0	11,565
P4928 FY2015 NEW/THIRD POLICE STATION Construct a third fully staffed 24-hour operation Police Station.	3,600	1,515	18,170	20,140	9,641	11,150	64,216
	8,100	3,160	28,440	21,815	14,211	11,650	87,376

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 POLICE-POLICE PROJECTS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	3,600	3,160	28,440	21,815	14,211	11,650	82,876
G	GRANTS	250	0	0	0	0	0	250
O	OTHER SOURCES	200	0	0	0	0	0	200
P	PAY AS YOU GO	4,050	0	0	0	0	0	4,050
Total		8,100	3,160	28,440	21,815	14,211	11,650	87,376

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : SEWER PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
S6175 FY2001 LITTLE PATUXENT WATER/WASTEWATER PARALLEL SEWER A project for the study, design and construction of the Little Patuxent Parallel Sewer.	53,230	0	0	0	0	0	53,230
S6214 SEWER CONTINGENCY FUND The fund is designed for use as a revenue source for transfers of appropriations when either construction costs are higher than originally estimated or engineering must be advanced from future years to the present fiscal year for critical sewer needs.	75,600	0	0	0	0	0	75,600
S6232 FY2001 SEWER CORROSION CORRECTION PROGRAM A project to televise sewer pipes in the County's sanitary sewer system for evidence of corrosion.	11,465	510	510	0	0	0	12,485
S6237 FY2001 PATAPSCO CONVEY/TREAT FACILITIES A project for Howard County's participation in the cost sharing for the capital funding of the Patapsco Treatment Plant at Wagners Point and the related Patapsco Interceptor, Pump Station, and Force Main.	51,000	5,000	2,000	0	0	0	58,000
S6249 DEFAULTED DEVELOPER AGREEMENTS An appropriation is requested under this project to construct water, sewer and associated facilities where the developer has failed to build all facilities in accordance with the plans and Developer Agreement.	3,600	0	0	0	0	0	3,600
S6264 FY2008 LPWRP CAPITAL REPAIRS A project to systematically repair, replace, or upgrade existing facilities at the Little Patuxent Water Reclamation Plant (LPWRP), and existing water distribution and wastewater collection system facilities.	29,088	3,325	3,325	3,325	3,325	3,325	45,713
S6268 FY2008 PIPELINE REHABILITATION PROGRAM A project to protect and stabilize sewers and water mains in areas where stream and soil erosion have compromised the integrity of the system.	5,480	650	650	0	0	0	6,780
S6269 FY2009 ASHLEIGH KNOLLS SHARED SEWAGE DISP FAC UPGD A project to design and install a wastewater treatment system for the Ashleigh Knolls Shared Septic Facility to meet new Maryland Department of the Environment (MDE) discharge permit limits.	3,136	0	0	0	0	0	3,136
S6273 FY2011 LITTLE PATUXENT INTERCEPTOR IMPROVEMENTS A project to reline and repair the 10 1/2 miles of the original Little Patuxent Interceptor from the Water Reclamation Plant to RT108.	12,000	0	0	0	0	0	12,000
S6274 FY2015 UPPER LITTLE PATUXENT PARALLEL SEWER A project for the design and construction of 2,500 LF of parallel sewer, adjacent to the Little Patuxent Interceptor Sewer, north of MD108.	3,150	0	0	0	0	0	3,150
S6275 FY2012 DANIELS AREA PUMPING STATION A project for the study, design and construction of a wastewater pumping station and force main to serve the Daniels Area east of Old Frederick Road.	2,500	0	0	0	0	0	2,500

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : SEWER PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
S6276 FY2011 SEWER CLEANING MAPPING AND TELEVISION INSPECTION MAINTENANCE Develop a Sewer Manhole and Line Segment Inspection and Cleaning Program to include all County-owned water sewer lines within the collection system.	8,107	1,230	1,230	1,230	1,230	1,230	14,257
S6279 FY2013 MEADOWRIDGE FORCE MAIN REPLACEMENT A project for the design and construction of 2,500 LF of 8-inch replacement force main and improvements to the Meadowridge Wastewater Pumping Station.	1,900	0	0	0	0	0	1,900
S6280 FY2013 HAMMOND/PATUXENT INTERCEPTOR IMPROVEMENTS A project for the study, design and construction of 20,000 feet of parallel sewer in the Hammond Branch and Patuxent sewer drainage areas.	18,490	5,000	3,000	5	10	0	26,505
S6281 FY2013 DORSEY/GUILFORD INTERCEPTOR IMPROVEMENTS A project for the study, design and construction of 14,600 feet of parallel sewer in the Dorsey Run and Guilford Run sewer drainage areas.	12,345	1,005	5	10	0	0	13,365
S6282 FY2013 BONNIE BRANCH/ROCKBURN INTERCEPTOR IMPROVEMENTS A project for the design and rehabilitation of 6,100 feet of interceptor sewer in the Bonnie Branch sewer drainage area and the re-commissioning and upgrade of the Kerger Road Pumping Station and force main.	5,325	0	0	0	0	0	5,325
S6283 FY2013 TIBER/SUCKER BRANCH INTERCEPTOR IMPROVEMENTS A project for the design and construction of 18,000 feet of parallel sewer in the Tiber Branch and Sucker Branch sewer drainage areas.	9,400	0	0	0	0	0	9,400
S6284 FY2013 DEEP RUN/SHALLOW RUN INTERCEPTOR IMPROVEMENTS A project for the design and construction of 44,000 feet of parallel sewer in the Deep Run and Shallow Run sewer drainage areas.	19,635	1,075	0	0	0	0	20,710
S6285 FY2017 MD108 PUMP STATION OUTFALL IMPROVEMENTS A project for the design and construction of 1,700 feet of parallel sewer in the Tiber Branch sewer drainage area and connection into the Patapsco Interceptor to support flows from the MD108 Pumping Station.	115	685	500	0	0	0	1,300
S6286 FY2013 DORSEY RUN PUMP STATION UPGRADE A project to upgrade and increase the pumping capacity of the Dorsey Run Pumping Station.	4,637	0	0	0	0	0	4,637
S6287 FY2017 NORTH LAUREL PUMP STATION PARALLEL FORCE MAIN A project for the design and construction of 4,600 feet of parallel force main to supplement the pumping capacity of the North Laurel Wastewater Pumping Station.	2,510	0	0	0	0	0	2,510
S6288 FY2020 ROCKBURN PUMPING STATION UPGRADE A project to upgrade and increase the pumping capacity of the Rockburn Pumping Station.	0	0	330	2,990	0	0	3,320

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : SEWER PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
S6289 FY2014 PARK AVENUE SEWER EXTENSION A project for the design and construction of 350 LF of 8-inch sewer to serve three properties on Park Avenue in Ellicott City.	260	0	0	0	0	0	260
S6290 FY2014 SAVAGE AREA SEWER STUDY and REALIGNMENT A project for the study and realignment of 3,500 linear feet of sewer in the area of Baltimore Street and Washington Street, west of William Street in Savage, Maryland.	4,250	0	0	0	0	0	4,250
S6292 FY2015 OLD FREDERICK ROAD SEWER A project for the design and construction of 900 LF of sewer to serve four properties located on Old Frederick Road.	348	0	0	0	0	0	348
S6293 FY2015 TURF VALLEY ROAD SEWER A project for the design and construction of 2,000 LF of sewer to serve three properties located on US40.	1,064	0	0	0	0	0	1,064
S6294 FY2015 ANNAPOLIS JUNCTION PUMPING STATION RENOVATION A project for the renovation of the Annapolis Junction Pumping Station.	480	0	0	0	0	0	480
S6295 FY2016 LPWRP 8th ADDITION BIOSOLIDS PROCESSING FACILITIES A project to design and construct new biosolids processing facilities at the Little Patuxent Water Reclamation Plant (LPWRP) for the purpose of meeting new Maryland Department of the Environment (MDE) biosolids storage and disposal regulations, achieve biosolids volume reduction, and enhance biosolids quality for end-use purposes.	102,235	0	0	0	0	0	102,235
S6296 FY2016 HARRIET TUBMAN LANE SEWER EXTENSION A project for the design and construction of 150 LF of sewer to serve one property on Harriet Tubman Lane.	440	0	0	0	0	0	440
S6297 FY2016 OLD FREDERICK ROAD PUMPING STATION UPGRADE A project for the design and construction of upgrades to increase the pumping capacity of the Old Frederick Road Pumping Station.	1,735	0	0	0	0	0	1,735
S6298 FY2018 DORSEY RUN ROAD SEWER EXTENSION A project for the design and construction of 475 LF of 8-inch sewer main along Dorsey Run Road to serve one property with a failing septic system.	400	0	0	0	0	0	400
S6500 FY2017 SEWER AREA ASSESSMENT AND MODELING A project [program] for the study and evaluation of sewer areas and/or water zones.	355	105	100	90	85	0	735
S6698 ROUTINE SEWER EXTENSION PROGRAM A project to design and construct routine sewer main extensions in the Metropolitan District requested by landowners.	4,875	625	625	625	625	625	8,000
S6699 ON SITE SEPTIC SYSTEM CONVERSION PROGRAM A project for the study, design and implementation of converting properties within the water and sewer Planned Service Area that are currently on private on-site septic systems to public sewer service.	6,000	3,000	3,000	3,000	0	0	15,000

**Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : SEWER PROJECTS**

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
S6711 FY2011 DEVELOPER INSPECTION PROGRAM A project to provide engineering or administrative services, computer management, asset management, inspection, testing, staff training, supplies, tools, equipment and vehicles necessary for site inspections for the implementation of developer projects to make additions to the public water and sewer systems.	9,750	0	2,000	0	2,000	0	13,750
S6812 FY2012 ADV DEPOSIT LARGE HSE CONNECTIONS A project to provide for the construction and inspection services for sites that do not require formal developer agreements, but instead require Advanced Deposit Order (ADO) agreements for water services 8 inches and larger, short main extensions, or other appurtenances.	152	0	0	0	0	0	152
S6862 FY2012 SEWER HOUSE CONNECTIONS A project to provide for the construction of sewer house connections by the Bureau of Utilities for 4 and 6 inch residential sewers.	152	0	0	0	0	0	152
S6950 DEVELOPER CONSTRUCTED HOUSE CONNECTIONS A program for the reimbursement to developers for construction of water and sewer house connections to existing lots outside of their subdivision.	180	0	0	0	0	0	180
S6960 FY2015 DEVELOPER CONSTRUCTED MAJOR FACILITIES A project to reimburse developers for construction of major water and sewer facilities as shown on the approved Howard County Master Plan for Water and Sewerage.	3,000	0	0	0	0	0	3,000
	468,389	22,210	17,275	11,275	7,275	5,180	531,604

**Howard County, MD
FY 2018 Capital Resolution (\$000)
SEWER-SEWER PROJECTS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	1,874	0	0	0	0	0	1,874
C	UTILITY CASH	70,818	1,265	2,260	90	1,085	0	75,518
D	DEVELOPER CONTRIBUTION	9,554	0	1,000	0	1,000	0	11,554
G	GRANTS	11,100	0	0	0	0	0	11,100
I	IN-AID of CONSTRUCT UTILITIES	15,825	1,230	1,230	1,230	1,230	1,230	21,975
M	METRO DISTRICT BOND	329,495	19,715	12,785	9,955	3,960	3,950	379,860
O	OTHER SOURCES	5,625	0	0	0	0	0	5,625
P	PAY AS YOU GO	162	0	0	0	0	0	162
W	WATER QUALITY State Bond Loan	23,936	0	0	0	0	0	23,936
Total		468,389	22,210	17,275	11,275	7,275	5,180	531,604

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : TRAFFIC IMPROVEMENTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
T7087 FY1999 STREET LIGHT SETBACK SAFETY PROGRAM A program to provide safety improvements along arterial roadways in Columbia by setting back and upgrading all existing street lights.	700	0	0	0	0	0	700
T7088 FY2001 SCHOOL CROSSWALK IMPROVEMENTS This project is for the installation or modification of crosswalks, raised crosswalks, chokers, sidewalks, raised shoulders, signs, signals and/or other roadway retrofits to provide for an enhanced walking route for school children.	1,443	50	50	50	50	100	1,743
T7089 FY2005 RESIDENTIAL TRAFFIC CALMING A project to construct geometric roadway changes to reduce traffic speeding in residential areas.	1,510	100	100	0	0	0	1,710
T7094 FY2007 STREET LIGHTING PROGRAM This project is for the installation of new street lights in existing communities and commercial/industrial areas, and the conversion of existing street lights to high pressure sodium vapor (HPS) and/or LED fixtures.	2,525	225	205	0	0	0	2,955
T7101 FY2008 STATE/COUNTY SHARED INTERSECTIONS A project for the design, review and construction funding of geometric and traffic control modifications at various intersections of State and / or County roads.	1,600	0	0	0	0	0	1,600
T7102 FY2008 STREET SIGN PROGRAM A project to provide street sign services and related line striping that are included in the implementation of developer projects that expand the County road network of public roads and upgrade signing and striping projects along existing County roads.	710	30	30	30	30	30	860
T7103 FY2009 STATE/COUNTY SHARED TRAFFIC CONTROL A project for design, review and construction funding of traffic control at various intersections of State and County roads.	1,000	0	0	0	0	0	1,000
T7104 FY2009 DEVELOPER/COUNTY SIGNALS A project to facilitate the design, construction, and modification of traffic signals and appurtenances at various new development locations where warranted.	1,400	150	0	0	0	0	1,550
T7105 FY2011-SIGNALIZATION PROGRAM A project for the design and construction of various traffic signals when the MUTCD Warrants are met; also includes the modification and modernization of existing traffic signals.	2,060	300	300	300	300	300	3,560
T7106 INTERSECTION OR CORRIDOR SAFETY IMPROVEMENT PROGRAM This project is for the study, design and construction of geometric and pedestrian modifications to improve the safety or increase capacity at various intersections.	3,030	330	330	0	0	0	3,690
T7107 FY2014 DOWNTOWN COLUMBIA PATUXENT BRANCH TRAIL EXTENSION A project connecting Downtown Columbia at Lake Kittamaquundi and extending to the existing Patuxent Branch Trail.	150	3,665	0	0	0	0	3,815

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : TRAFFIC IMPROVEMENTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
T7108 FY2016 CLARKSVILLE-RIVER HILL STREETScape IMPROVEMENTS A project to plan, design and construct road and related improvements -- including streetscape, storm water management, pedestrian, bicycle, and public space enhancements -- in the Route 108 corridor.	400	300	900	2,000	1,000	100	4,700
T7109 FY2016-DEVELOPER STREETLIGHT PROGRAM A project to facilitate the design, installation and modification of street lights in new developments.	4,250	425	425	425	425	0	5,950
	20,778	5,575	2,340	2,805	1,805	530	33,833

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 TRAF-TRAFFIC IMPROVEMENTS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
B	BONDS	6,268	4,015	1,450	2,250	1,350	500	15,833
D	DEVELOPER CONTRIBUTION	3,180	610	460	430	430	30	5,140
E	EXCISE TAX	600	0	0	0	0	0	600
G	GRANTS	740	600	100	100	0	0	1,540
O	OTHER SOURCES	3,795	20	0	0	0	0	3,815
P	PAY AS YOU GO	3,495	330	330	25	25	0	4,205
X	EXCISE TAX BACKED BONDS	2,700	0	0	0	0	0	2,700
Total		20,778	5,575	2,340	2,805	1,805	530	33,833

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : WATER PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
W8206 FY1995 METALLIC PIPELINE CORROSION STUDIES A project to fund the study, maintenance, and remediation of corrosion related failures at various locations throughout the County.	4,380	260	260	260	260	260	5,680
W8218 WATER CONTINGENCY FUND The fund is designed for use as a revenue source for the transfer of appropriations when either the construction costs are higher than originally estimated or engineering costs must be advanced from future years to the present fiscal year for critical water needs.	1,650	0	0	0	0	0	1,650
W8220 FY1998 SHARED WATER FACILITY IMPROVEMENTS A project for the planning, design and construction of major water facilities, mains, pumping stations, reservoirs and treatment plants in the Baltimore City Central Water System.	41,050	20,000	20,000	20,000	20,000	0	121,050
W8245 FY2003 RIGHT of WAY RESTORATION PROGRAM State and County roads, sidewalks and curbs that are damaged, primarily by water main breaks, require permanent restoration.	5,610	1,003	1,003	1,003	1,003	1,003	10,625
W8262 FY2004 GUILFORD ELEVATED WATER TANK A project for the design and construction of a 2.	5,530	0	0	0	0	0	5,530
W8265 FY2005 US 29 WATER MAIN/RIVERS MEADOWS DR to BROKEN LAND PKWY A project for the rehabilitation of the water transmission main located in the vicinity of Broken Land Parkway and US29.	4,480	0	0	0	0	0	4,480
W8267 FY2005 WATER VALVE MANAGEMENT SYSTEM The purpose of this project is to exercise and maintain all County owned valves within the water distribution system.	2,547	520	520	520	520	520	5,147
W8269 FY2005 PARTICIPATION 3RD ZONE WATER SUPPLY A project for the construction of major water transmission and distribution mains to convey water from Baltimore City to Howard County.	16,000	19,000	0	0	0	0	35,000
W8274 FY 2007 SCADA SYSTEM UPGRADE A project to upgrade the Supervisory Control and Data Acquisition System (SCADA) at the Bureau of Utilities Operations building and all remote sites.	4,069	765	765	765	765	765	7,894
W8289 FY2009 WATER METER BATTERY REPLACEMENT This project is to provide for the replacement of the battery systems, radios and meters in the County's existing residential and commercial radio read water metering system that have reached the end of their projected ten (10) year lives.	18,856	3,000	3,000	0	0	0	24,856
W8291 FY2009 ELEVATED WATER TANK RECOATING A project to study and prioritize the cleaning, repairing and recoating of the County water system's existing elevated water storage tanks.	5,624	1,493	1,493	1,493	1,493	1,493	13,089

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : WATER PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
W8292 FY2009 DORSEY RUN ROAD PHASE B WATER MAIN A project for the design and construction of 5,500 LF of 12-inch water main and relocation of 1,500 LF of sewer within proposed Dorsey Run Road from existing Dorsey Run Road to Montevideo Road.	1,900	0	0	0	0	0	1,900
W8296 FY2010 US29 WATER MAIN/MD108 TO SOUTH ENTRANCE ROAD A project for the design and construction of 18,000 LF of 36-inch water main within the US29 corridor from MD108 to South Entrance Road.	27,500	0	0	0	0	0	27,500
W8300 FY2011 LEVERING AVENUE WATER MAIN A project for the design and construction of 6,350 LF of 12-inch water main from Gun Road in the Patapsco State Park in Baltimore County to Levering Avenue in Howard County to US1.	3,496	0	0	0	0	0	3,496
W8303 FY2018 LOUDON AVE/RAILROAD STREET WATER MAIN A project for the design and construction of 3,000 LF of 8-inch and 12-inch water main along Loudon Avenue and Railroad Street to Hanover Road.	120	880	0	0	0	0	1,000
W8304 FY2015 COLUMBIA WATER PUMPING STATION IMPROVEMENTS A project to upgrade the Columbia Water Pumping Station.	1,250	0	0	0	0	0	1,250
W8305 FY2018 LANDING ROAD WATER MAIN LOOP A project for the design and construction of 4,300 LF of 12-inch water main along Landing Road to connect the water mains between Ilchester Road and Montgomery Road.	170	1,330	0	0	0	0	1,500
W8306 FY2013 SANNER ROAD WATER MAIN LOOP A project for the design and construction of approximately 750 LF of 12-inch water main on Johns Hopkins Road east of Sanner Road.	2,132	0	0	0	0	0	2,132
W8307 FY2013 BROKEN LAND PKWY WATER MAIN A project for the design and construction of 4,100 LF of 30-inch water main along Broken Land Parkway from Stevens Forest Road to Cradlerock Way.	5,600	0	0	0	0	0	5,600
W8309 FY2014 MISSION ROAD WATER MAIN LOOP A project for the design and construction of 4,500 LF of 12-inch water main along Mission Road to Columbia Gateway Drive.	2,360	0	0	0	0	0	2,360
W8313 FY2011 FIRE HYDRANT INSPECTION PROGRAM Develop a Fire Hydrant Inspection Program that will include all County owned fire hydrants within the distribution system.	6,000	873	873	873	873	873	10,365
W8317 FY2013 ELKRIDGE PUMP STATION IMPROVEMENTS A project for the design and installation of a 1,250 kW emergency generator and electrical, mechanical, and structural improvements at the Elkridge Water Pumping Station.	3,100	0	0	0	0	0	3,100
W8318 FY2013 MONTGOMERY ROAD WATER MAIN REHABILITATION A project for the rehabilitation of 12,000 feet of 12-inch water main within Montgomery Road from Lawyers Hill Road to Rockburn Drive.	6,610	0	0	0	0	0	6,610

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : WATER PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
W8320 FY2013 WHISKEY BOTTOM PUMP STATION RELOCATION A project to relocate the Whiskey Bottom Road pumping station and related suction and discharge pipelines and to increase pumping capacity.	5,000	0	0	0	0	0	5,000
W8322 FY2013 WILDE LAKE WATER MAIN STUDY and REHABILITATION A project to determine the condition of 44,000 feet of water main in the Wilde Lake area and to perform necessary repairs or replacements.	1,700	0	0	0	0	0	1,700
W8324 FY2014 WATER SYSTEM LOOPING/FIRE PROTECTION UPGRADE A project for the design and construction of various water system upgrades and improvements to meet County standards for water system redundancy, pressure and flow rates requirements for fire protection.	2,500	500	500	500	0	0	4,000
W8325 FY2014 RECLAIMED WATER SYSTEM DEVELOPMENT Develop, design, and construct a reclaimed water system to serve various parts of the County with reclaimed water from the Little Patuxent Water Reclamation Plant, or a stand-alone system constructed under this project.	4,573	973	973	0	0	0	6,519
W8327 FY2015 OLD LAWYER HILL ROAD WATER SUPPLY MAIN REPLACEMENT A project for the replacement of 2,300 LF of 8-inch water main in Old Lawyers Hill Road.	1,060	0	0	0	0	0	1,060
W8328 FY2015 630 WEST ZONE WATER PUMPING STATION A project for the design and construction of a pumping station to serve the Elevation 630 West water zone.	10,000	0	0	0	0	0	10,000
W8329 FY2015 PCCP STUDY AND FAILURE MITIGATION A project to investigate and determine the condition of all prestressed concrete cylinder pipe (PCCP) transmission mains in the water distribution system.	3,000	500	500	500	500	0	5,000
W8330 FY2017 OLD COLUMBIA PIKE WATER MAIN REHABILITATION/REPLACEMENT A project to rehabilitate/replace 9,850 LF of 4-inch, 6-inch and 8-inch diameter water mains in Old Columbia Pike between Montgomery Road (MD Route 103) and Main Street (MD Route 144).	4,015	0	0	0	0	0	4,015
W8331 FY2017 TWIN RIVERS ROAD WATER MAIN REPLACEMENT A project to replace 6,000 LF of 12-inch diameter water main within Twins Rivers Road; between Governor Warfield Parkway and Harpers Farm Road.	2,565	0	0	0	0	0	2,565
W8332 FY2018 HERITAGE HEIGHTS WATER AND SEWER EXTENSIONS A project for the design and construction of 700 LF of 8-inch water main within Thompson Drive, 700 LF of 8-inch sewer main within Thompson Drive and 700 LF of 8-inch sewer main within Tulane Road in the Heritage Heights community.	900	0	0	0	0	0	900
W8600 UTILITY SYSTEMIC ADDITIONS / IMPROVEMENTS A project for the design and construction of various additions and improvements to the water and sewer system or its associated infrastructure.	12,915	0	0	0	0	0	12,915

Howard County, MD
FY 2018 Capital Resolution (\$000)
Program : WATER PROJECTS

Project Description	Total	Fiscal 2019 Budget	Fiscal 2020 Budget	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Total
W8601 FY2016 ACQUISITION CONTINGENCY FUND Project funding will be used to resolve easement and rights-of-way issues on water and sewer projects which have been constructed or special quick response projects of a capital nature requiring title research, appraisals and acquisition.	805	0	205	0	205	0	1,215
W8602 FY2016 SLEEVES RELOCATIONS AND APPURTENANCES A project for funding design and construction of sewer and water lines in conjunction with Maryland State Highway Administration (SHA) and Howard County projects prior to construction.	4,050	1,000	1,000	0	0	0	6,050
W8698 ROUTINE WATER EXTENSION PROGRAM A project to design and construct routine water main extensions in the Metropolitan District requested by landowners.	4,275	625	625	625	625	625	7,400
W8812 FY2012 ADV DEPOSIT LARGE WATER HOUSE CONNECTIONS A project to provide for the construction, inspection services, and ordering of large water meters for sites that do not require formal developer agreements, but instead require Advanced Deposit Order (ADO) agreements for water services larger than 1 inch, fire hydrants, short main extensions, or other appurtenances.	300	0	0	0	0	0	300
W8862 FY2012 WATER HOUSE CONNECTIONS A project to provide for the construction of water house connections by the Bureau of Utilities for residential size up to 1 inch.	976	0	0	0	0	0	976
W8913 FY2013 DEVELOPER REBATES WATER & SEWER Land developers in Howard County desiring to provide public water and/or sewer services to a proposed development, request the County to permit them to extend the existing systems to serve their proposed developments through pre-financing of these extensions under terms of a developer's agreement.	4,000	0	0	0	0	0	4,000
	232,668	52,722	31,717	26,539	26,244	5,539	375,429

**Howard County, MD
 FY 2018 Capital Resolution (\$000)
 WATER-WATER PROJECTS**

Revenue Source		Total	FISCAL 2019 Budget	FISCAL 2020 Budget	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	Total
C	UTILITY CASH	70,526	24,021	24,176	24,021	24,176	3,521	170,441
D	DEVELOPER CONTRIBUTION	1,408	0	0	0	0	0	1,408
G	GRANTS	915	0	0	0	0	0	915
I	IN-AID of CONSTRUCT UTILITIES	17,444	4,893	4,943	1,393	1,443	1,393	31,509
M	METRO DISTRICT BOND	142,290	23,808	2,598	1,125	625	625	171,071
O	OTHER SOURCES	85	0	0	0	0	0	85
Total		232,668	52,722	31,717	26,539	26,244	5,539	375,429

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : BRIDGE PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	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.	1,425	0	0	0	0	0	1,425
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.	1,715	0	0	0	0	0	1,715
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.	1,535	0	0	0	0	0	1,535
B3840 FY1996 DAISY ROAD BRIDGE (H0-41) A project for the design and construction of a replacement bridge for the Daisy Road bridge over Cattail Creek.	1,904	0	0	0	0	0	1,904
B3849 FY1996 DAISY ROAD BRIDGE (H0-38) A project for the design and construction of a replacement bridge and roadway tie-ins.	2,274	0	0	0	0	0	2,274
B3850 FY2001 STRUCTURE INSPECTION PROGRAM A project to inspect Howard County bridges in accordance with the federally mandated National Bridge Inspection Standards.	1,730	600	0	0	0	0	2,330
B3853 FY2000 EMERGENCY STRUCTURE RECONSTRUCTION A fund for Howard County to undertake construction and repair of bridges, culverts and retaining walls requiring prompt action.	4,729	0	0	0	0	0	4,729
B3857 FY2001 SYSTEMIC STRUCTURE IMPROVEMENTS A project for specialized renovation items for bridges and retaining walls throughout the County.	2,096	100	0	0	0	0	2,196
B3858 FY2019 PFEFFERKORN ROAD BRIDGE (H0-31) A project for the design and construction of a bridge replacement for Pfefferkorn Road over Middle Patuxent River.	0	1,375	0	0	0	0	1,375
B3860 FY2016 CARROLL MILL ROAD BRIDGE REPLACEMENT (H0-23) A project for the design and construction of a replacement structure for the Carroll Mill Road bridge over Benson Branch.	350	950	0	0	0	0	1,300
B3862 FY2013 RETAINING WALLS A Countywide project for the repair, re-conditioning and development of new retaining walls.	1,750	600	0	0	0	0	2,350
B3863 FY2013 DOWNTOWN COLUMBIA-OAKLAND MILLS CONNECTION IMPROVEMENTS A project to provide a feasibility study, design and construction of enhancements to existing and potential future connections over US29.	1,450	0	0	0	0	0	1,450

20,958

3,625

0

0

0

0

24,583

**Howard County, MD
 FY 2018 Extended Capital Resolution (\$000)
 BRIDGE-BRIDGE PROJECTS**

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	13,381	3,025	0	0	0	0	16,406
D	DEVELOPER CONTRIBUTION	42	0	0	0	0	0	42
G	GRANTS	4,880	0	0	0	0	0	4,880
O	OTHER SOURCES	500	0	0	0	0	0	500
P	PAY AS YOU GO	2,155	600	0	0	0	0	2,755
Total		20,958	3,625	0	0	0	0	24,583

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : GENERAL COUNTY PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
C0182 FY1985 PUBLIC SAFETY EDUCATION CENTER A project for design and construction of a group of facilities for training of public safety employees.	27,326	7,514	1,750	0	0	0	36,590
C0214 FY199- 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.	70,500	20,000	10,000	0	10,000	0	110,500
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.	546	202	26	50	26	0	850
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.	3,450	500	0	0	0	0	3,950
C0286 FY2002 BUS STOP IMPROVEMENTS A project to implement a series of systemic improvements to Howard Transit bus stops.	1,719	0	0	0	0	0	1,719
C0287 FY2002 COMMUNITY RENEWAL / ENHANCEMENTS A project to design and implement a series of pedestrian improvements, streetscape enhancements and repair or enhancement of public green spaces.	1,389	0	0	0	0	0	1,389
C0289 FY2002 TRANSIT OPERATION REPAIR FACILITY A project for site selection, acquisition, design and construction of a multi-jurisdictional transit facility.	15,619	0	0	0	0	0	15,619
C0290 COURTHOUSE RENOVATION/REPLACEMENT A project to expand and renovate the existing courthouse.	113,880	0	0	0	0	0	113,880
C0298 FY2005 US 40 CORRIDOR ENHANCEMENT A project to plan, design and implement improvements, including sidewalks, landscaping, street trees, median and gateway enhancements within public right-of-way and to develop a corridor design manual to guide site design on adjacent properties.	1,050	0	0	0	0	0	1,050
C0299 FY2005 WASTE MANAGEMENT IMPROVEMENTS A project for the design and construction of capital improvements at the Alpha Ridge Solid Waste Facility, New Cut and Carrs Mill Landfills.	23,066	16,273	859	7,875	350	4,200	52,623
C0301 FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES A project to upgrade infrastructure of the County's Local Area Networks and Wide Area Networks.	21,436	12,500	0	0	0	0	33,936

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : GENERAL COUNTY PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
C0309 FY2007 LAND ACQUISITION CONTINGENCY RESERVE A fund for acquisition of land that comes available on the market that meets the future needs of the County to serve the public interest and no funded Capital Project exists.	28,695	0	0	0	0	0	28,695
C0311 FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS Enhancements to 800 MHz Motorola Astro trunking radio system for Public Safety.	25,150	6,350	0	0	0	0	31,500
C0312 FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM The County currently is utilizing SAP ERP software solution as the system of Financial Accounting, Purchasing and Utility Water and Sewer billing.	18,290	7,500	0	0	0	0	25,790
C0313 FY2008 ENVIRONMENTAL COMPLIANCE CONSTRUCTION A project to support environmental compliance activities for County Facilities.	12,429	850	170	170	170	170	13,959
C0315 FY2009 PUBLIC SAFETY SYSTEM ENHANCEMENTS This project will provide a variety of functionality enhancements for the County's existing Public Safety System.	5,720	5,000	0	0	0	0	10,720
C0317 FY2013 SYSTEMIC FACILITY IMPROVEMENTS A project to improve or upgrade the physical plant of public buildings, their equipment and systems, to replace plants/systems which have deteriorated beyond routine maintenance or provide for system management initiatives.	62,839	48,478	8,120	8,120	0	0	127,557
C0318 FY2010 MARC SAVAGE STATION GARAGE A project to fund the construction of a public parking garage adjacent to the MARC Savage Commuter Rail Station located at 9009 Dorsey Run Road, Annapolis Junction.	17,000	0	0	0	0	0	17,000
C0319 FY2010 TAX INCREMENT FINANCING PROJECTS A project for funding of tax increment financing projects.	120,000	40,000	0	0	0	0	160,000
C0322 FY2012 CENTRAL FLEET SYSTEMIC IMPROVEMENTS and FUEL SYSTEM This is a project to fund improvements to the County's fuel storage/dispensing/monitoring systems, and to improve or upgrade the physical plant of Fleet Equipment.	6,021	4,336	0	0	0	0	10,357
C0323 FY2011 BUS/VEHICLE ACQUISITION A project for the purchase of fixed route and paratransit vehicles for the Howard Transit and HT Ride systems respectively.	625	0	0	0	0	0	625
C0324 FY2012 GEODETIC NETWORK AUTOMATION A project to purchase survey global positioning system (GPS) and digital survey equipment.	435	55	0	0	0	0	490

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : GENERAL COUNTY PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
C0325 FY2013 BUS/VEHICLE ACQUISITION A project for the purchase of fixed route and paratransit vehicles for the Howard Transit and HT Ride systems respectively.	870	0	0	0	0	0	870
C0327 FY2013 ENTERPRISE CONTENT MANAGEMENT (ECM) The ECM will remove critical strain from the existing email system and replace our outdated records management system.	2,596	0	0	0	0	0	2,596
C0328 FY2012 BUS/VEHICLE ACQUISITION	871	0	0	0	0	0	871
C0329 FY2012 ENERGY MANAGEMENT/IMPROVEMENTS A project to develop a 5-10 year business plan for energy performance optimization.	900	0	0	0	0	0	900
C0331 FY2014 ELLICOTT CITY PARKING LOT ENHANCEMENT A project to plan, design and implement a set of improvements to publicly owned land currently designated as Lot D in Ellicott City.	200	1,000	0	0	0	0	1,200
C0332 FY2014 BUS STOP IMPROVEMENTS A project to implement a series of systemic improvements to Howard Transit bus stops.	810	680	150	150	0	0	1,790
C0333 FY2015 DETENTION CENTER RENOVATIONS The Department of Corrections currently is facing severe challenges and regulatory mandates that must be resolved through the renovation and expansion of the Detention Center.	11,751	64,508	0	0	0	0	76,259
C0334 FY2014 EMERGENCY ALTERNATIVE POWER 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.	1,300	0	0	0	0	0	1,300
C0335 FY2014 CITIZEN SERVICES FACILITY/PROGRAM ENHANCEMENTS A project to determine the additional facility needs for the Department of Citizen Services.	500	15,750	0	0	0	0	16,250
C0336 FY2014 LANDFILL RESOURCE MANAGEMENT A project for the design and construction of resource improvements at the Alpha Ridge Landfill and Resident's Recycling and Demonstration Center.	500	0	0	0	0	0	500
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.	4,375	2,800	0	0	0	0	7,175

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : GENERAL COUNTY PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
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.	10,000	0	0	0	0	0	10,000
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.	10,000	0	0	0	0	0	10,000
C0340 FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT The Broadband Installation project will extend services to non-government facilities to our fiber network.	10,000	0	0	0	0	0	10,000
C0341 FY2015 TOWER GENERATOR REPLACEMENTS This project will allow the County to design, build and operate diesel generators at all County Radio and Water Tower sites.	5,000	0	0	0	0	0	5,000
C0342 FY2019 CLARKSVILLE PARKING GARAGE This project is for the design, construction and construction management of a parking garage on Clarksville Pike, Clarksville Maryland.	0	5,525	0	0	0	0	5,525
C0343 FY2016 SALT STORAGE FACILITY This project will provide for the storage of salt and liquid de-icing material for the winter season.	1,000	1,320	0	0	0	0	2,320
C0344 FY2016 SOUTHEAST INFRASTRUCTURE IMPROVEMENTS A project to plan, design and construct a series of infrastructure improvements targeted within the southeast area of the US1 corridor.	650	0	0	0	0	0	650
C0346 FY2017 DAYTON ADMINISTRATION BUILDING This project will provide for the replacement of an aging trailer currently used for the Highways Administration functions.	1,000	0	0	0	0	0	1,000
C0348 FY2017 MODERNIZATION OF FLEET AND HIGHWAYS SHOPS A project for the master planning, design, construction of new facilities and renovation of existing County Fleet and Highways Facilities to modernize the facilities.	900	29,987	10,808	0	0	0	41,695
C0349 FY2017 ENVIRONMENTAL COMPLIANCE OPERATIONS A project to support environmental compliance activities for County Facilities.	375	1,021	165	165	241	365	2,332
C0350 FY2017 NEW BUDGET SYSTEM The Budget Application project has been established to purchase and implement a new budget system for improved efficiencies, transparency and presentation.	500	500	0	0	0	0	1,000

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : GENERAL COUNTY PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
C0351 FY2017 HARRIET TUBMAN REMEDIATION This project will provide for Harriett Tubman High School remediation of hazardous containing material such as ACM, lead, PCB, fuel.	570	2,750	0	0	0	0	3,320
C0352 FY2017 SITE ACQUISITION FOR SCHOOL SITES AND ELEVATED WATER STORAGE FACILITIES 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.	25,500	0	0	0	0	0	25,500
C0353 FY2019 TRANSIT CENTER A project for site selection, design and construction of a transit center.	0	9,500	0	0	0	0	9,500
C0354 FY2019 BUILDING ACCESS CONTROL AND SECURITY ENHANCEMENTS This project includes design and implementation of new and improved existing electronic security systems at a number of county facilities.	0	1,000	0	0	0	0	1,000
C0355 FY2018 NEW SCHOOL MAINTENANCE SITE RENOVATION This project will provide space for the HCPSS Maintenance Shop.	7,798	0	0	0	0	0	7,798
C0356 FY2018 REHABILITATION TREATMENT CENTER This project proposes to provide funding for a facility in Howard County to meet the critical need to assist with one of the greatest health challenges of opiod overdoses and death.	250	0	0	0	0	0	250
C0357 FY2018 ELLICOTT CITY PARKING IMPROVEMENTS A project to plan, design and implement parking improvements in Ellicott City.	200	0	0	0	0	0	200
	675,601	305,899	32,048	16,530	10,787	4,735	1,045,600

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
GENCO-GENERAL COUNTY PROJECTS

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	324,771	228,751	21,872	16,330	761	4,735	597,220
C	UTILITY CASH	5,530	0	0	0	0	0	5,530
G	GRANTS	84,844	20,250	10,050	50	10,000	0	125,194
L	LEASE	26,400	0	0	0	0	0	26,400
M	METRO DISTRICT BOND	5,000	0	0	0	0	0	5,000
O	OTHER SOURCES	62,919	13,836	0	0	0	0	76,755
P	PAY AS YOU GO	27,187	1,062	126	150	26	0	28,551
R	STORMWATER UTILTY FUNDING	1,700	2,000	0	0	0	0	3,700
T	TRANSFER TAX	250	0	0	0	0	0	250
TIF	TIF BONDS	137,000	40,000	0	0	0	0	177,000
Total		675,601	305,899	32,048	16,530	10,787	4,735	1,045,600

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : DRAINAGE PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	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.	887	0	0	0	0	0	887
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.	3,185	1,125	0	0	0	0	4,310
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.	1,973	448	0	0	0	0	2,421
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.	2,780	675	0	0	0	0	3,455
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.	5,805	2,800	0	0	0	0	8,605
D1150 FY2005 HIGH RIDGE DRAINAGE	1,785	1,950	0	0	0	0	3,735
D1155 FY2006 LINCOLN DRIVE at CEDAR VIL PARK DRAINAGE There is an inadequate drainage system to carry the runoff from the park side of the road to the outfall side of Lincoln Drive.	1,635	0	0	0	0	0	1,635
D1157 FY2006 ST JOHNS LANE VICINITY DRAINAGE A project for the construction of drainage improvements along St Johns Lane, Northfield Road, Southfield Road, Crescent Road, Hawthorne Road, Crestleigh Road, Club Court and the adjacent neighborhoods.	1,415	0	0	0	0	0	1,415
D1158 FY2008 WATERSHED MANAGEMENT CONSTRUCTION This project is for design and construction of stormwater facility improvements.	47,362	108,800	0	0	0	0	156,162
D1159 FY2007 STORMWATER MANAGEMENT FACILITY RECONSTRUC 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.	29,490	42,300	0	0	0	0	71,790
D1160 FY2010 STORMWATER MANAGEMENT RETROFITS A project for the retrofit of stormwater management facilities to include water quality management.	19,070	15,700	0	0	0	0	34,770

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : DRAINAGE PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
D1161 FY2018 SHAFFERSVILLE ROAD CULVERT REPLACEMENT A project to replace the existing culvert on Shaffersville Road (between Florence Road and Shaffers Mill Road).	0	525	0	0	0	0	525
D1163 FY2012 TROTTER ROAD SLOPE STABILIZATION This project is for the design and construction of stabilization of the streambank of a tributary of the Middle Patuxent River and the adjacent roadway fill of Trotter Road.	755	0	0	0	0	0	755
D1164 FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS This project is for design and construction of Environmental Site Design (ESD) small scale storm water facilities.	3,500	2,500	0	0	0	0	6,000
D1165 FY2013 FLOOD MITIGATION and STORMWATER/WATERWAY ENHANCEMENT This project is for the study, design, and construction of flood mitigation and stormwater/waterway enhancement efforts in downtown Ellicott City.	11,062	11,750	0	0	0	0	22,812
D1166 FY2015 CHESTNUT HILLS DRAINAGE IMPROVEMENTS A project to design and construct drainage improvements in the Chestnut Hills Community including but not limited to: Deerfield Drive, Family Way Springway Road and Ivy Lane.	365	0	0	0	0	0	365
D1167 FY2015 GLENBROOK DRAINAGE IMPROVEMENTS A project to design and construct drainage improvements in the Glenbrook Community including but not limited to: Walker Drive and Dogwood Drive.	760	0	0	0	0	0	760
D1168 FY2015 MORGAN WOODBINE ROAD SLOPE STABILIZATION A project to design and construct stabilization of the roadway embankment of Morgan Woodbine Road adjacent to the South Branch of the Patapsco River.	200	465	0	0	0	0	665
D1169 FY2016 STORM DRAIN CULVERT REPLACEMENT PROGRAM This program will provide for the replacement of failed storm drain pipes and culverts.	1,400	5,500	300	1,500	300	1,500	10,500
D1170 FY2017 CARDINAL FOREST DRAINAGE IMPROVEMENTS A project to provide a drainage system to reduce the runoff from adjacent properties onto the properties at the north end of Dove's Fly Way.	200	450	0	0	0	0	650
D1171 FY2016 CISSELL AVENUE-HADDAWAY PLACE DRAINAGE IMPROVEMENTS A project to acquire the necessary easements of the drainage channel that travels behind the homes of Cissell Avenue and Haddaway Place.	300	0	0	0	0	0	300
D1172 FY2016 DORSEY RUN TRIBUTARY STORM DRAIN REPAIR A project to repair the storm drain that carries drainage from the MD175 area just east of US1 through and from the Columbia East Marketplace to the outfall just south of Assateague Drive and adjacent to US1.	700	0	0	0	0	0	700

**Howard County, MD
 FY 2018 Extended Capital Resolution (\$000)
 Program : DRAINAGE PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
D1173 FY2016 HARRIET TUBMAN LANE DRAINAGE IMPROVEMENTS A project to design and construct drainage improvements along Harriet Tubman Lane in the 7900 and 8000 block area.	275	200	0	0	0	0	475
D1174 FY2016 SPRING GLEN DRAINAGE IMPROVEMENTS 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.	75	190	0	0	0	0	265
D1175 FY-2018 VALLEY MEDE/CHATHAM FLOOD MITIGATION This project is for the study, design and construction of flood mitigation and stormwater/waterway improvement efforts in the Valley Mede and Chatham subwatersheds.	700	6,000	0	0	0	0	6,700
	135,679	201,378	300	1,500	300	1,500	340,657

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
DRAIN-DRAINAGE PROJECTS

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	57,010	94,155	300	1,500	300	1,500	154,765
D	DEVELOPER CONTRIBUTION	200	0	0	0	0	0	200
G	GRANTS	19,365	10,148	0	0	0	0	29,513
O	OTHER SOURCES	9,067	47,000	0	0	0	0	56,067
P	PAY AS YOU GO	5,780	3,250	0	0	0	0	9,030
R	STORMWATER UTILTY FUNDING	37,592	43,500	0	0	0	0	81,092
S	STORM DRAINAGE FUND	2,465	325	0	0	0	0	2,790
T	TRANSFER TAX	0	3,000	0	0	0	0	3,000
W	WATER QUALITY State Bond Loan	4,200	0	0	0	0	0	4,200
Total		135,679	201,378	300	1,500	300	1,500	340,657

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : SCHOOL SYSTEM PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
E0973 FY2003 WAVERLY ELEM RENOVATION/PHASE II ADDITION This project will be completed in two phases at Waverly Elementary School.	36,769	3,000	0	0	0	0	39,769
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.	259,657	158,257	40,661	42,694	44,829	47,070	593,168
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.	5,603	1,000	200	200	200	200	7,403
E0990 FY2002 PLAYGROUND EQUIPMENT Improvements and installation of playground equipment at various school sites.	2,930	1,500	300	300	300	300	5,630
E0993 FY2004 RELOCATABLE CLASSROOMS PROGRAM 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 in August 2017.	20,110	7,500	1,500	1,500	1,500	1,500	33,610
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.	44,588	25,000	5,000	5,000	5,000	5,000	89,588
E0995 SITE ACQUISITION and CONSTRUCTION RESERVE This account is a contingency fund for site acquisition and school construction at various school sites.	19,153	10,000	2,000	2,000	2,000	2,000	37,153
E1012 FY2008 SCHOOL PARKING LOT EXPANSION A project to provide for the construction of additional parking spaces and modification of parking lots to improve traffic flow patterns at existing school sites.	4,200	3,000	600	600	600	600	9,600
E1015 FY2011 ATHOLTON HIGH RENOVATION A project to expand educational program spaces and renovate Atholton High School.	59,819	0	0	0	0	0	59,819
E1020 FY2011 NEW ELEMENTARY SCHOOL #41 A project to construct a new elementary school to relieve the Northeastern and Northern regions.	34,027	0	0	0	0	0	34,027

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : SCHOOL SYSTEM PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
E1021 FY2011 TECHNOLOGY A capital project to provide and sustain a viable technology infrastructure consistent with the HCPSS technology plan at various school sites.	41,986	25,000	5,000	5,000	5,000	5,000	86,986
E1024 FY2018 HAMMOND HIGH SCHOOL RENOVATION A project to expand educational program spaces and renovate Hammond High School.	0	2,800	25,748	17,099	15,099	11,099	71,845
E1027 FY2013 LONGFELLOW ELEM ADDITION A project to expand educational program spaces and renovate Longfellow Elementary School.	17,450	0	0	0	0	0	17,450
E1028 FY2016 NEW ELEMENTARY SCHOOL #42 A project to construct a new elementary school to relieve the Northeastern and Southeastern regions.	35,742	8,132	0	0	0	0	43,874
E1030 FY2014 DEEP RUN ELEM SCHOOL RENOVATION/ADDITION A project to expand educational program spaces and renovate Deep Run Elementary School.	24,011	0	0	0	0	0	24,011
E1031 FY2014 WILDE LAKE MIDDLE SCHOOL REPLACEMENT A project to replace Wilde Lake Middle School.	44,777	0	0	0	0	0	44,777
E1032 FY2014 LAUREL WOODS ELEM SCHOOL ADDITION A project to expand educational program spaces at Laurel Woods Elementary School.	8,823	0	0	0	0	0	8,823
E1033 FY2015 PATUXENT VALLEY MIDDLE SCHOOL RENOVATION A project to expand educational program spaces and renovate Patuxent Valley Middle School.	29,535	0	0	0	0	0	29,535
E1034 FY2015 SWANSFIELD ELEM SCHOOL RENOVATION/ADDITION A project to expand educational program spaces and renovate Swansfield Elementary School.	26,902	0	0	0	0	0	26,902
E1035 FY2018 NEW HIGH SCHOOL #13 A project to construct a new high school to provide the HCPSS with the opportunity to expand college and career readiness programs for high school students across the county.	1,000	137,525	0	0	0	0	138,525
E1036 FY2019 OAKLAND MILLS MIDDLE SCHOOL RENOVATION The Oakland Mills Middle School project will renovate the existing facility.	0	27,828	0	0	0	0	27,828
E1037 FY2023 ELLICOTT MILLS MIDDLE SCHOOL ADDITION The Ellicott Mills Middle School project will add 156 seats of new capacity to the existing school.	0	544	5,404	0	0	0	5,948
E1038 FY2017 PLANNING AND DESIGN The Planning and Design project has been established to provide funding for feasibility studies prior to the funding of individual projects.	600	1,500	300	300	300	300	3,300

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : SCHOOL SYSTEM PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
E1039 FY2020 NEW ELEM SCHOOL #43 The New Elementary School #43 will be a new facility.	0	55,795	0	0	0	0	55,795
E1040 FY2024 NEW ELEM SCHOOL #44 The New Elementary School #44 will be a new facility.	0	0	5,380	23,099	17,906	9,410	55,795
E1041 FY2026 NEW ELEM SCHOOL #45 The New Elementary School #45 will be a new facility.	0	0	0	0	5,380	15,166	20,546
E1043 FY2019 TALBOTT SPRINGS ELEM SCHOOL RENOVATION A project to expand educational program spaces and renovate Talbott Springs Elementary School.	0	28,000	0	0	0	0	28,000
	717,682	496,381	92,093	97,792	98,114	97,645	1,599,707

**Howard County, MD
 FY 2018 Extended Capital Resolution (\$000)
 EDUC-SCHOOL SYSTEM PROJECTS**

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
A	STATE AID for SCHOOLS	211,846	157,769	0	0	0	0	369,615
B	BONDS	387,557	289,812	85,093	90,792	91,114	90,645	1,035,013
P	PAY AS YOU GO	4,858	0	0	0	0	0	4,858
T	TRANSFER TAX	68,498	38,800	7,000	7,000	7,000	7,000	135,298
Z	EDUCATION EXCISE BONDS	44,923	10,000	0	0	0	0	54,923
Total		717,682	496,381	92,093	97,792	98,114	97,645	1,599,707

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : FIRE PROJECTS and EQUIPMENT

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
F5960 FY2001 FIRESTATION SYSTEMIC IMPROVEMENTS An ongoing project to replace or renovate major systems, fixtures, or structures in various existing fire stations/PSTC.	5,693	1,500	300	300	300	300	8,393
F5963 FY2004 EMERGENCY CONTROL SIGNAL SYSTEM A project to install priority control systems in authorized emergency vehicles and at several strategic traffic signals to allow pre-emption of the signal when responding to emergency calls.	245	0	0	0	0	0	245
F5964 FY2012 FIRESTATION ONE RELOCATION A project to move Fire Station #1 to a more optimal location in Elkridge, close to the existing fire station location, but without the present site restrictions.	19,497	0	0	0	0	0	19,497
F5972 FY2008 RURAL FIRE PROTECTION PROGRAM A project to provide and augment fire protection systems in rural areas within the County, outside of the Water and Sewer Planned Service Area.	7,100	0	0	0	0	0	7,100
F5973 FY2010 LOGISTICS FACILITY Construction of a 17,000 SF facility to house the Department's Quartermaster, Breathing Apparatus Repair Shop, Equipment Repair Shop, Reserve Emergency Apparatus, Equipment Storage.	1,850	0	0	0	0	0	1,850
F5975 FY2010 ROUTE ONE FIRE STATION A project to construct a new 30,000 SF fire station at the intersection of RT1 & Port Capital Drive.	15,280	0	0	0	0	0	15,280
F5976 FY2018 NORTH COLUMBIA FIRE STATION A project to construct a new 10,000 SF fire station 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 in the area.	400	6,055	0	0	0	0	6,455
	50,065	7,555	300	300	300	300	58,820

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
FIRE-FIRE PROJECTS and EQUIPMENT

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	31,395	7,555	300	300	300	300	40,150
G	GRANTS	500	0	0	0	0	0	500
O	OTHER SOURCES	9,855	0	0	0	0	0	9,855
P	PAY AS YOU GO	810	0	0	0	0	0	810
T	TRANSFER TAX	7,505	0	0	0	0	0	7,505
Total		50,065	7,555	300	300	300	300	58,820

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : AGRICULTURAL PRESERVATION

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
G0163 AGRICULTURAL LAND PRESERVATION PROGRAM	170,608	0	0	0	0	0	170,608
A voluntary program to preserve farmland by purchasing development rights from landowners via a perpetual easement.							
	170,608	0	0	0	0	0	170,608

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
AGPRES-AGRICULTURAL PRESERVATION

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
G	GRANTS	78	0	0	0	0	0	78
O	OTHER SOURCES	156,500	0	0	0	0	0	156,500
T	TRANSFER TAX	14,030	0	0	0	0	0	14,030
Total		170,608	0	0	0	0	0	170,608

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : HIGHWAY RESURFACING

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
H2011 FY2013 MICRO SURFACING PROGRAM A program of applying polymer asphalt emulsion or paving fabric over the existing surface of roads to provide an impervious new wearing surface.	3,500	7,500	1,500	1,500	1,500	1,500	17,000
H2013 FY2006 PARKING RESURFACING PROGRAM A project to provide milling and repaving for various County facilities' parking.	1,510	1,250	250	250	0	0	3,260
H2014 FY2013 ROAD RESURFACING PROGRAM A project to provide resurfacing to various County roads.	44,000	25,000	12,000	12,000	12,000	12,000	117,000
H2015 FY2013 ROADWAY INFRASTRUCTURE INVENTORY AND ASSESSMENT A program to provide roadway images and pavement data collection, perform pavement management repair assessment, consulting services for optimization of pavement repair recommendations, perform profile data International Roughness Index (IRI) and calculate Pavement Condition Index (PCI).	400	560	0	280	0	280	1,520
H2016 FY2013 STREET TREE PROGRAM A program to comprehensively address the removal and replacement of street trees.	2,250	2,500	500	500	500	500	6,750
H2017 HOT IN-PLACE RECYCLING PROGRAM A program to in-place re-profile roads surface to various County roads.	0	7,500	1,500	1,500	1,500	1,500	13,500
H8904 FY2007 COMMUNITY ROAD REVITALIZATION A project to upgrade streets, curbs and sidewalks in established neighborhoods.	3,725	2,500	500	500	500	500	8,225
	55,385	46,810	16,250	16,530	16,000	16,280	167,255

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
RESURF-HIGHWAY RESURFACING

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	500	0	0	0	0	0	500
G	GRANTS	1,000	0	0	0	0	0	1,000
P	PAY AS YOU GO	53,885	46,810	16,250	16,530	16,000	16,280	165,755
Total		55,385	46,810	16,250	16,530	16,000	16,280	167,255

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : ROAD CONSTRUCTION PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
J4076 DEFAULTED DEVELOPER AGREEMENTS An appropriation is requested under this project to construct roads, stormwater management, storm drains, street trees, or associated facilities where the developer has failed to build all facilities in accordance with the plans and Developer Agreement.	8,700	0	0	0	0	0	8,700
J4099 CATEGORY CONTINGENCY FUND The fund is designed for use as a revenue source for Transfers of Appropriation during a fiscal year.	715	0	0	0	0	0	715
J4110 FY1991 DORSEY RUN ROAD - SOUTH LINK A project for design and construction of approximately 5,000 feet of Dorsey Run Road from Guilford Road north to the CSX railroad spur crossing.	8,062	0	0	0	0	0	8,062
J4121 PRIVATE ROAD RECONSTRUCTION PROGRAM This project will provide for the reconstruction of private roads to bring them to a minimum standard for an all-weather roadway per Howard County Design Manual Volume III.	828	0	0	0	0	0	828
J4142 FY1998 HALL SHOP ROAD IMPROVEMENTS Reconstruct Hall Shop Road (a major collector) at two locations to improve sight distance and eliminate a sharp curve.	842	1,500	0	0	0	0	2,342
J4148 FY2000 DORSEY RUN ROAD EXTENSION This project is for the extension of Dorsey Run Road from MD103 to MD175, a total of approximately 3 miles.	32,930	0	0	0	0	0	32,930
J4154 FY1998 RETAINING WALL REPLACEMENTS A Countywide project for the design and construction of replacement or rehabilitated retaining walls.	2,344	0	0	0	0	0	2,344
J4155 FY2012 MARRIOTTSVILLE RD SAFETY IMPROVEMENTS Reconstruct shoulders, replace guardrails and stabilize roadway embankment at numerous locations along 2.	890	2,375	0	0	0	0	3,265
J4164 FY1997 ROADWAY CAPACITY IMPROVEMENTS A project to provide increased capacity and safety of various County roads and intersections.	8,221	0	0	0	0	0	8,221
J4167 FY2010 SNOWDEN RIVER/BROKEN LAND INTERSECT A project for design and reconstruction of the Snowden River Parkway/Broken Land Parkway/Patuxent Woods Drive intersection including westbound MD32 ramp to northbound Broken Land Parkway.	680	1,175	0	0	0	0	1,855
J4168 FY1998 ROADWAY REHABILITATION/SAFETY PROGRAM A project to correct roadway failure/safety problems on existing roads at various intersections or along various roadway segments.	3,843	0	0	0	0	0	3,843

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : ROAD CONSTRUCTION PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
J4170 FY2004 ROGER'S AVENUE IMPROVEMENTS A project for design and construction of approximately 1,500 LF of Rogers Avenue from existing improvements near US40 to Court House Drive.	4,230	0	0	0	0	0	4,230
J4173 FY2000 HANOVER ROAD IMPROVEMENTS A project for the study, design and reconstruction of the Hanover Road at Hi-Tech Road intersection.	650	1,135	0	0	0	0	1,785
J4177 FY2001 STATE ROAD CONSTRUCTION A project for cost sharing of new State roadway construction within Howard County that is consistent with the objectives of the Plan Howard 2030.	21,765	2,500	0	0	0	0	24,265
J4178 FY2001 COUNTY / STATE NOISE ABATEMENT A program with SHA for the construction of noise reduction sound walls to shield sections of residential communities.	7,135	0	0	0	0	0	7,135
J4181 FY2003 GUILFORD RD (US1 to DORSEY RUN RD) This project is to study, design, and reconstruct Guilford Road to three lanes from US1 to Old Dorsey Run Road; a distance of 5,800 LF.	1,875	14,520	0	0	0	0	16,395
J4182 FY2002 DORSEY RUN ROAD IMPROVEMENTS This project is to study, design and reconstruct Dorsey Run Road to four lanes from MD175 south to the CSX railroad spur crossing; a distance of 6,000 LF.	3,000	10,800	0	0	0	0	13,800
J4202 FY2004 STEPHENS ROAD IMPROVEMENTS A project for the design and reconstruction of Stephens Road from Whiskey Bottom Road to Gorman Road.	9,160	0	0	0	0	0	9,160
J4205 FY2006 MARRIOTTSVILLE ROAD IMPROVEMENTS A project to widen Marriottsville Road from MD99 to US40, including the Marriottsville Road bridge over I-70.	6,125	20,375	0	0	0	0	26,500
J4206 FY2007 MONTEVIDEO ROAD IMPROVEMENTS A project to improve Montevideo Road as detailed in the Montevideo Road Study.	9,305	5,765	0	0	0	0	15,070
J4207 FY2009 OAKLAND MILLS ROAD IMPROVEMENTS A project to improve Oakland Mills Road from Guilford Road northward to Carters Lane.	6,100	0	0	0	0	0	6,100
J4208 FY2006 WATERSVILLE ROAD SLOPE RECONSTRUCTION A project to stabilize/reconstruct the slope that supports the roadbed of Watersville Road.	560	0	0	0	0	0	560
J4211 FY2007 ROADWAY CAPACITY IMPROVEMENTS A project to provide increased capacity and safety on various County roads and intersections.	1,375	650	0	0	0	0	2,025

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : ROAD CONSTRUCTION PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
J4212 FY2007 STATE ROAD CONSTRUCTION A project for cost sharing of new State roadway construction within Howard County that is consistent with the objectives of the Plan Howard 2030.	35,400	0	0	0	0	0	35,400
J4214 FY2007 GUILFORD AT VOLLMERHAUSEN IMPROVEMENTS A project to design and construct improvements to the intersection of Guilford Road at Vollmerhausen Road and along Guilford Road to the west towards Carroll Heights Ave.	3,545	0	0	0	0	0	3,545
J4215 FY2007 MARRIOTTSVILLE ROAD from US40 to MD144 Realignment and shoulder improvements to Marriottsville Road from US40 to MD144.	5,740	3,400	0	0	0	0	9,140
J4219 FY2015 ENGINEERING STUDY PROGRAM A project for engineering roads to conform to the Plan Howard 2030 Highways Map to evaluate realignment schemes and to support the transportation and safety needs of the County.	200	50	0	0	0	0	250
J4220 FY2014 DEVELOPER/COUNTY SHARED IMPROVEMENTS A project to facilitate the design, land acquisition and construction of roadway modifications and their appurtenances at various intersections or roadway segments.	725	150	0	0	0	0	875
J4222 FY2008 SNOWDEN RIVER PARKWAY WIDENING BROKENLAND TO OAKLAND MILLS A project to design and construct a widening of Snowden River Parkway (intermediate arterial) by adding a third lane and sidewalks from Broken Land Parkway to Oakland Mills Road.	2,925	9,350	0	0	0	0	12,275
J4225 FY2008 ELLICOTT CENTER DR CONNECTION to ROGERS A project to design and construct a road to connect Ellicott Center Drive to Rogers Avenue.	1,860	0	0	0	0	0	1,860
J4226 FY2008 ROAD PROJECTS CONTINGENCY FUND A project to provide funds for unanticipated needs related to bridges and roadways.	2,000	200	0	0	0	0	2,200
J4228 FY2008 ILCHESTER and LANDING ROAD INTERSECT A project to realign the intersection of Landing Road with Ilchester Road so that Landing Road intersects Ilchester Road directly across from Ilchester Point Court.	1,000	0	0	0	0	0	1,000
J4229 FY2008 WHISKEY BOTTOM ROAD IMPROVEMENTS A project to design and construct improvements to Whiskey Bottom Road from just west of US1 to the Anne Arundel County Line.	820	0	0	0	0	0	820
J4230 FY2017 SANNER ROAD IMPROVEMENTS A project to provide bicycle compatibility by widening the existing 10-foot lanes to 12 feet and filling in the missing shoulders along both sides of the road.	150	780	0	0	0	0	930

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : ROAD CONSTRUCTION PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
J4231 FY2013 ELKRIDGE MAIN STREET IMPROVEMENTS A project to replace the curb, gutter and sidewalks along Main Street from Old Washington Road to Brumbaugh Street in Elkridge.	100	550	0	0	0	0	650
J4237 FY2010 MD175/OAKLAND MILLS ROAD INTERCHANGE A project to design and construct a new MD175/Oakland Mills Road interchange and the re-alignment of Oakland Mills Road through the proposed Blandair Park.	14,000	9,500	0	0	0	0	23,500
J4239 FY2014 OLD ROXBURY ROAD A project to design and construct improvements to Old Roxbury Road.	810	0	0	0	0	0	810
J4240 ROADWAY REHABILITATION/SAFETY PROGRAM A project to correct safety or structural problems on existing roads.	150	1,550	0	0	0	0	1,700
J4241 FY2011 US RT 1 RT 175 to MONTEVIDEO ROAD A project for the design and reconstruction of approximately 2,500 feet of US1 from MD175 to Montevideo Road.	5,550	12,100	0	0	0	0	17,650
J4242 FY2014 BRIGHTON DAM ROAD at HIGHLAND ROAD ROUNDABOUT A project to design and construct a roundabout at the intersection of Brighton Dam Road and Highland Road.	265	1,225	0	0	0	0	1,490
J4244 FY2015 BUSINESS PARKWAY-BLUESTREAM DRIVE EMERGENCY ACCESS A project to design and construct a connection between Business Parkway and Bluestream Drive to act as an emergency access or exit.	230	0	0	0	0	0	230
J4245 FY2016 SCENIC ROADS ENHANCEMENT A project to plan, design, and install enhancements at certain historic or high visibility locations along the National Scenic Byway or County scenic roads.	230	0	0	0	0	0	230
J4246 FY2018 OLD MONTGOMERY ROAD AT BRIGHTFIELD ROAD INTERSECTION IMPROVEMENTS A project to reconfigure the intersection of Old Montgomery Road and Brightfield Road for safety and increased capacity.	200	1,625	0	0	0	0	1,825
J4247 FY2017 KIT KAT ROAD A project to improve the safety of Kit Kat Road by widening the road enough to allow for the traffic to be able to pass each other more easily.	175	1,600	0	0	0	0	1,775
J4248 FY2017 SAVAGE AREA COMPLETE STREETS The project includes complete street improvements in Savage, Maryland to enhance multimodal travel for pedestrians, bicyclists, transit, and automobiles.	325	2,300	0	0	0	0	2,625

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : ROAD CONSTRUCTION PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
J4249 FY2017 MD 100 AT MD 103 A project to design and construct a replacement of the roundabouts of MD103 on the north and south sides of MD100 with a diverging diamond interchange in order to increase the capacity of the interchange.	5,750	0	0	0	0	0	5,750
J4250 FY2019 HOWARD ROAD IMPROVEMENTS A project to improve the safety of Howard Road north of Big Branch Drive.	0	450	0	0	0	0	450
J4251 FY2018 LIME KILN ROAD IMPROVEMENTS A project to improve the roadway and drainage along Lime Kiln Road between MD 216 and Reservoir Road.	150	10,000	0	0	0	0	10,150
J4252 FY2018 SYSTEMIC INFRASTRUCTURE IMPROVEMENTS TO DNTN ELLICOTT CITY A project to improve or upgrade road and drainage infrastructure systems as a result of the 2016 Ellicott City Flood.	500	2,200	0	0	0	0	2,700
J4711 FY2011 DEVELOPER INSPECTION PROGRAM A project to provide engineering and related services, computer management, asset management, inspection, testing, staff training, supplies, tools, equipment and vehicles necessary for site inspections for the implementation of developer projects that make additions to the public road and storm water management systems.	9,000	9,000	0	0	0	0	18,000
	231,135	126,825	0	0	0	0	357,960

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
ROAD-ROAD CONSTRUCTION PROJECTS

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	26,609	115,150	0	0	0	0	141,759
D	DEVELOPER CONTRIBUTION	23,540	9,125	0	0	0	0	32,665
E	EXCISE TAX	17,922	2,500	0	0	0	0	20,422
G	GRANTS	2,080	0	0	0	0	0	2,080
O	OTHER SOURCES	4,799	0	0	0	0	0	4,799
P	PAY AS YOU GO	908	50	0	0	0	0	958
X	EXCISE TAX BACKED BONDS	155,277	0	0	0	0	0	155,277
Total		231,135	126,825	0	0	0	0	357,960

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : SIDEWALKS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
K5035 FY1998 SCHOOL ROUTE PATHWAYS or SIDEWALKS This project is for the installation of sidewalks and/or pathways to provide for improved routes for school children.	1,388	500	0	0	0	0	1,888
K5036 FY1998 ROUTINE SIDEWALK / WALKWAY EXTENSIONS A project to design and construct routine sidewalk and walkway extensions up to about 1,000 feet in length.	1,070	800	0	0	0	0	1,870
K5040 FY2005 GUILFORD RD PEDESTRIAN/BIKE IMPROVE A project for the design and construction of sidewalk on one or both sides of Guilford Road between Oakland Mills Road and US1.	725	1,710	0	0	0	0	2,435
K5043 SIDEWALK REPAIR PROGRAM This project is for the repair of deteriorated sidewalks and driveway aprons that are in the public rights-of-way.	4,665	5,000	1,000	1,000	1,000	1,000	13,665
K5054 FY2003 ROADSIDE IMPROVEMENT PROGRAM This project is to repair, replace or install sidewalks and ramps for disability areas, curbs, trees, and guardrails to comply with applicable Federal, State and County codes, and to reduce liabilities due to deteriorating appurtenances within County rights-of-way.	3,715	2,500	0	0	0	0	6,215
K5061 FY2007 PEDESTRIAN PLAN PROJECTS A project for the ongoing evaluation, design and construction of pedestrian improvements listed in the Howard County Pedestrian Master Plan.	2,877	2,600	0	0	0	0	5,477
K5062 FY2009 STATE ROADS SIDEWALK RETROFIT PROGRAM A project to design and construct improved pedestrian access along State roads.	300	300	0	0	0	0	600
K5063 FY2017 NORTH LAUREL ROAD SIDEWALK A project for the design and construction of a sidewalk along the southwest side of North Laurel Road from Linville Ave to US1.	75	145	0	0	0	0	220
K5064 FY2017 MISSION ROAD SIDEWALK A project to install sidewalk along parts of Mission Road.	75	210	0	0	0	0	285
K5065 FY2018 DONCASTER DRIVE SIDEWALK A project to construct approximately 1,200 LF of sidewalk along Doncaster Drive from Roundhill Road to Hale Haven Road.	50	60	0	0	0	0	110
K5066 FY2014 BICYCLE PLAN PROJECTS A project for the implementation of the comprehensive Howard County Bicycle Master Plan.	2,591	6,900	0	0	0	0	9,491
K5067 ADA RAMPS COMPREHENSIVE STUDY PROGRAM A program to self-evaluate Countywide ramps and curb cuts in compliance with American with Disabilities Act 1990 (ADA) requirements.	0	600	0	0	0	0	600

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : SIDEWALKS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
K5068 ADA RAMPS UPGRADE PROGRAM A program to upgrade sidewalk ramps and curb cuts in compliance with Federal Americans with Disabilities Act 1990 (ADA) requirements.	900	15,000	3,000	3,000	3,000	3,000	27,900
K5069 BITUMINOUS CURB REPLACEMENT PROGRAM A program to replace bituminous curbs with concrete ones.	900	5,000	1,000	1,000	1,000	1,000	9,900
	19,331	41,325	5,000	5,000	5,000	5,000	80,656

**Howard County, MD
 FY 2018 Extended Capital Resolution (\$000)
 SIDE-SIDEWALKS**

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	11,100	32,415	4,000	4,000	4,000	4,000	59,515
D	DEVELOPER CONTRIBUTION	804	300	0	0	0	0	1,104
G	GRANTS	1,057	450	0	0	0	0	1,507
O	OTHER SOURCES	481	110	25	25	25	25	691
P	PAY AS YOU GO	5,889	8,050	975	975	975	975	17,839
Total		19,331	41,325	5,000	5,000	5,000	5,000	80,656

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : LIBRARY PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
L0012 FY2007 MILLER BRANCH/HISTORICAL CENTER A project to replace Howard County Library's (HCL) existing Miller Branch with a new, up-to-date facility on a separate parcel of land.	27,797	0	0	0	0	0	27,797
L0014 FY2011 MILLER BRANCH PHASE II: LIBRARY SPACE CONVERSION This project repurposes the obsolete Howard County Library, Miller Branch into consolidated HCL business offices (23,000sf).	8,321	0	0	0	0	0	8,321
L0015 FY2008 ELKRIDGE BRANCH/SENIOR CENTER A project to provide additional required public library & senior center space in the RT1 Corridor of Elkridge.	30,111	0	0	0	0	0	30,111
L0016 FY2012 RENOVATE CENTRAL & EAST COLUMBIA BRANCHES While this project does not expand total square feet for the buildings, it converts former administrative space into public service space, to the benefit of students of all ages.	6,086	0	0	0	0	0	6,086
L0017 FY2008 SAVAGE BRANCH A project to provide additional required public library space in the RT1 Corridor of North Laurel.	5,314	0	0	0	0	0	5,314
L0018 FY2018 GLENWOOD BRANCH RENOVATION A project to renovate the Glenwood Branch to include much needed study rooms and classroom space for the benefit of students of all ages.	730	0	0	0	0	0	730
L0019 FY2018 SOUTHWEST BRANCH Conduct a site survey and feasibility assessment for a new HCLS Branch in Howard County's Southwest region.	0	41,031	0	0	0	0	41,031
L0020 FY2021 NEW HCLS CENTRAL BRANCH & RELOCATION Relocation of HCLS Central Branch due to Downtown Columbia Redevelopment Plans.	0	975	0	0	0	0	975
	78,359	42,006	0	0	0	0	120,365

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
LIBRA-LIBRARY PROJECTS

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	72,216	42,006	0	0	0	0	114,222
G	GRANTS	5,478	0	0	0	0	0	5,478
O	OTHER SOURCES	665	0	0	0	0	0	665
Total		78,359	42,006	0	0	0	0	120,365

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : HOWARD COMMUNITY COLLEGE

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
M0536 FY2015 NURSING and ST BUILDING RENOVATIONS Renovate the Nursing Building and ST Building of approximately 107,000 GSF following the move of health sciences programs and science, engineering and technology programs into their new buildings.	25,282	17,960	0	0	0	0	43,242
M0539 FY2020 MATHEMATICS BUILDING The purpose of this project is to design and construct a new mathematics building of approximately 70,000 GSF.	0	30,500	0	0	0	0	30,500
M0542 FY2016 CAMPUS ROADWAYS and PARKING Provide required modifications to campus roadways and parking to accommodate necessary changes to vehicular and pedestrian traffic patterns.	16,400	0	0	1,600	18,500	0	36,500
M0543 FY2012 SCIENCE ENGINEERING and TECHNOLOGY BLDG Design and construct a science, engineering, and technology building of approximately 145,300 GSF.	76,766	0	0	0	0	0	76,766
M0545 FY2025 MAINTENANCE BUILDING The purpose of this project is to obtain a maintenance building to support plant operations and facilities.	0	0	0	500	4,700	0	5,200
M0546 FY2022 ATHLETIC and FITNESS CENTER Construct a new athletic and fitness center of approximately 110,000 gross square feet to replace the existing facility constructed in 1969.	0	24,000	20,100	5,400	0	0	49,500
M0547 FY2026 CONTINUING EDUCATION BUILDING Construct a new continuing education and workforce development facility of approximately 60,000 GSF to support noncredit courses, contract credit courses, and professional services to individuals, county agencies, and employers throughout the State of Maryland.	0	0	0	0	1,700	19,700	21,400
M0550 FY2017 SYSTEMIC RENOVATIONS This project addresses campuswide systemic renovations and deferred maintenance.	4,456	31,491	1,710	7,935	1,360	2,240	49,192
	122,904	103,951	21,810	15,435	26,260	21,940	312,300

**Howard County, MD
 FY 2018 Extended Capital Resolution (\$000)
 HCC-HOWARD COMMUNITY COLLEGE**

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	58,516	67,990	11,760	11,685	13,810	12,090	175,851
CC	COLLEGE REVENUE BACKED BOND	7,717	0	0	0	0	0	7,717
G	GRANTS	50,441	35,961	10,050	3,750	12,450	9,850	122,502
O	OTHER SOURCES	6,230	0	0	0	0	0	6,230
Total		122,904	103,951	21,810	15,435	26,260	21,940	312,300

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : PARKS PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
N3102 FY2000 BLANDAIR REGIONAL PARK A project to master plan, design, and construct a 298-acre regional park, and restore the 19th century Blandair Mansion and out buildings located off MD175 in Columbia.	34,036	15,900	800	13,500	3,000	0	67,236
N3103 FY2000 PARKLAND ACQUISITION PROGRAM This project establishes a fund for County-wide park land acquisition and related expenses.	27,109	0	0	0	0	0	27,109
N3105 FY1995 MEADOWBROOK PARK A project to master plan, design, and develop an 84-acre park located southeast of MD100/US29.	8,689	0	0	0	0	0	8,689
N3107 FY2000 ROCKBURN BRANCH PARK A project to provide additional improvements at Rockburn Park to include the synthetic turf field, parking, a restroom and utility extensions.	5,779	0	0	1,250	1,000	0	8,029
N3108 FY2004 PARK SYSTEMIC IMPROVEMENTS This project will provide replacement of all types of park facilities and related engineering to include equipment, or building elements which have deteriorated beyond routine maintenance efforts.	27,028	10,000	3,200	3,200	4,000	0	47,428
N3109 FY2004 PARKS RESURFACING PROGRAM A project to fund roadway, pathway, trails, parking lot, playground and game court resurfacing, replacement and additions within the County's park system.	7,095	2,000	0	0	0	0	9,095
N3932 FY2000 WESTERN REGIONAL PARK A project to design and construct a 160-acre regional park located northwest of the intersection of Carrs Mill Road and MD97.	18,083	0	0	0	300	0	18,383
N3940 FY2000 NORTH LAUREL PARK A project to design and construct a 51-acre park and swimming pool lying northeast of North Laurel Road and Washington Avenue.	7,026	15,000	0	0	0	0	22,026
N3947 FY1999 NEIGHBORHOOD PLAYGROUND PROGRAM This project will develop neighborhood playground facilities on County parkland or open space throughout the County where community need has been demonstrated.	240	0	0	0	0	0	240
N3953 FY2000 CENTENNIAL LAKE RESTORATION A project to design and construct improvements to Centennial Lake to include dredging, artificial aeration, and shoreline stabilization.	87	0	0	0	0	0	87
N3957 FY2003 TROY PARK & HISTORIC REHABILITATION A project to acquire an additional 5 acres, rehabilitate an 1820 historic house, and design and construct a 106-acre Regional Park and Community Center/Athletic Complex at MD100 and US1.	23,514	10,100	0	0	1,000	0	34,614

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : PARKS PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
N3958 FY2003 HISTORIC STRUCTURES REHABILITATION This project creates a fund for the preservation and rehabilitation of historic properties under the management of the Department of Recreation and Parks.	9,518	2,000	0	0	0	0	11,518
N3959 FY2005 PATAPSCO FEMALE INSTITUTE SITE WORK A project to design and construct site improvements related to the historic Patapsco Female Institute located on Sarah's Lane in Ellicott City.	1,537	0	0	0	0	0	1,537
N3960 FY2006 ROBINSON PROPERTY NATURE CENTER A project to design and construct a nature center and related site improvements on the former Robinson property located at Cedar Lane and Harriet Tubman Lane.	17,772	0	0	0	0	0	17,772
N3962 FY2008 CENTENNIAL PARK IMPROVEMENTS This project consists of improvements to Centennial Park to include replacement of field lights, synthetic turf field, expanded parking, pond to stream retrofit, stream bank stabilization, maintenance shop/office addition, boat rental expansion, roadway/parking repairs and upgrades, and new signage.	829	0	0	0	300	0	1,129
N3963 FY2009 PATHWAY and TRAIL REHAB and EXPANSION A project to rehabilitate and expand the existing Pathway and Trail System throughout the County.	2,605	500	0	0	0	0	3,105
N3965 FY2007 MIDDLE PATUXENT IMPROVEMENTS A project to design and construct a restroom, storage building, parking improvements and bridges in the Middle Patuxent Environmental Area located southeast of the intersection of MD108 and Trotter Road.	1,870	0	0	0	0	0	1,870
N3967 FY2007 SOUTH BRANCH PARK A project to design and construct a seven-acre park located at Old West Friendship Road and the Patapsco River just south of Sykesville.	1,468	0	0	0	0	0	1,468
N3970 FY2008 RECREATION and PARKS HEADQUARTERS EXPAN A project to design and construct site improvements and additional office and warehouse space for the Recreation and Parks Headquarters on Oakland Mills Road in Columbia.	118	0	0	0	0	0	118
N3971 FY2009 FOREST CONSERVATION MITIGATION EASEMENT PGM A project to conserve or create forested areas within the County through the use of developer fees in accordance with local and State forest mitigation requirements.	3,100	0	0	0	0	0	3,100

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : PARKS PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
N3972 FY2011 DEFAULTED FOREST CONSERVATION and LANDSCAPING A project to provide for planting of shrubs, trees, as necessary in a subdivision or site where a developer failed to install the forest conservation improvements and landscape improvements in accordance with the approved forest conservation plan, landscape plan and developer agreement.	905	0	0	0	0	0	905
N3973 FY2014 EAST COLUMBIA LIBRARY ATHLETIC FIELD and SITE IMPROVEMENTS A project to upgrade the athletic fields at East Columbia Library, located off of Cradlerock in Columbia.	3,900	0	0	0	0	0	3,900
N3976 FY2025 SOUTH FULTON PARK A project to master plan, design and construct a 84-acre community park located off of Rt29 and Murphy Road, north of the Patuxent River.	0	0	0	200	500	0	700
N3977 FY2025 KIWANIS PARK EXTENSION A project to master plan, design and construct an additional 30-acre site adjacent to the existing Kiwanis Park and to improve the existing park site.	0	0	0	200	500	0	700
N3978 FY2018 PARKLAND ACQUISTION PROGRAM This project establishes a fund for County-wide park land acquisition and related expenses.	130	5,250	0	0	0	0	5,380
	202,438	60,750	4,000	18,350	10,600	0	296,138

**Howard County, MD
 FY 2018 Extended Capital Resolution (\$000)
 PARKS-PARKS PROJECTS**

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	90,227	43,000	2,000	16,350	8,300	0	159,877
D	DEVELOPER CONTRIBUTION	952	0	0	0	0	0	952
G	GRANTS	51,488	5,000	0	0	0	0	56,488
O	OTHER SOURCES	11,344	0	0	0	0	0	11,344
P	PAY AS YOU GO	2,882	0	0	0	0	0	2,882
T	TRANSFER TAX	45,545	12,750	2,000	2,000	2,300	0	64,595
Total		202,438	60,750	4,000	18,350	10,600	0	296,138

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : POLICE PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
P4920 FY2001 MOBILE DATA POLICE COMPUTERS Project for the purchase, installation and support of mobile computers for police operations in the field.	4,500	0	0	0	0	0	4,500
P4926 FY2009 CHILD ADVOCACY CENTER A project for the provision of a larger Child Advocacy Center, maintaining a "child friendly" environment, but meeting the expanding facilities requirements for the present and future policing demands.	0	7,095	0	0	0	0	7,095
P4927 FY2009 CRIMINAL INVESTIGATIONS BUREAU BLDG/WARFIELD ADDITION A project for the construction of new Criminal Investigations space and space for the relocation of Police forces from the Gateway Building, as an addition to the present Northern District Police Station.	0	11,565	0	0	0	0	11,565
P4928 FY2015 NEW/THIRD POLICE STATION Construct a third fully staffed 24-hour operation Police Station.	3,600	60,616	1,680	5,750	1,500	0	73,146
	8,100	79,276	1,680	5,750	1,500	0	96,306

**Howard County, MD
 FY 2018 Extended Capital Resolution (\$000)
 POLICE-POLICE PROJECTS**

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	3,600	79,276	1,680	5,750	1,500	0	91,806
G	GRANTS	250	0	0	0	0	0	250
O	OTHER SOURCES	200	0	0	0	0	0	200
P	PAY AS YOU GO	4,050	0	0	0	0	0	4,050
Total		8,100	79,276	1,680	5,750	1,500	0	96,306

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : SEWER PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
S6175 FY2001 LITTLE PATUXENT WATER/WASTEWATER PARALLEL SEWER A project for the study, design and construction of the Little Patuxent Parallel Sewer.	53,230	0	0	0	0	0	53,230
S6214 SEWER CONTINGENCY FUND The fund is designed for use as a revenue source for transfers of appropriations when either construction costs are higher than originally estimated or engineering must be advanced from future years to the present fiscal year for critical sewer needs.	75,600	0	0	0	0	0	75,600
S6232 FY2001 SEWER CORROSION CORRECTION PROGRAM A project to televise sewer pipes in the County's sanitary sewer system for evidence of corrosion.	11,465	1,020	0	0	0	0	12,485
S6237 FY2001 PATAPSCO CONVEY/TREAT FACILITIES A project for Howard County's participation in the cost sharing for the capital funding of the Patapsco Treatment Plant at Wagners Point and the related Patapsco Interceptor, Pump Station, and Force Main.	51,000	7,000	0	0	0	0	58,000
S6249 DEFAULTED DEVELOPER AGREEMENTS An appropriation is requested under this project to construct water, sewer and associated facilities where the developer has failed to build all facilities in accordance with the plans and Developer Agreement.	3,600	0	0	0	0	0	3,600
S6264 FY2008 LPWRP CAPITAL REPAIRS A project to systematically repair, replace, or upgrade existing facilities at the Little Patuxent Water Reclamation Plant (LPWRP), and existing water distribution and wastewater collection system facilities.	29,088	16,625	0	0	0	0	45,713
S6268 FY2008 PIPELINE REHABILITATION PROGRAM A project to protect and stabilize sewers and water mains in areas where stream and soil erosion have compromised the integrity of the system.	5,480	1,300	0	0	0	0	6,780
S6269 FY2009 ASHLEIGH KNOLLS SHARED SEWAGE DISP FAC UPGD A project to design and install a wastewater treatment system for the Ashleigh Knolls Shared Septic Facility to meet new Maryland Department of the Environment (MDE) discharge permit limits.	3,136	0	0	0	0	0	3,136
S6273 FY2011 LITTLE PATUXENT INTERCEPTOR IMPROVEMENTS A project to reline and repair the 10 1/2 miles of the original Little Patuxent Interceptor from the Water Reclamation Plant to RT108.	12,000	0	0	0	0	0	12,000
S6274 FY2015 UPPER LITTLE PATUXENT PARALLEL SEWER A project for the design and construction of 2,500 LF of parallel sewer, adjacent to the Little Patuxent Interceptor Sewer, north of MD108.	3,150	0	0	0	0	0	3,150

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : SEWER PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
S6275 FY2012 DANIELS AREA PUMPING STATION A project for the study, design and construction of a wastewater pumping station and force main to serve the Daniels Area east of Old Frederick Road.	2,500	0	0	0	0	0	2,500
S6276 FY2011 SEWER CLEANING MAPPING AND TELEVISION INSPECTION MAINTENANCE Develop a Sewer Manhole and Line Segment Inspection and Cleaning Program to include all County-owned water sewer lines within the collection system.	8,107	6,150	0	0	0	0	14,257
S6279 FY2013 MEADOWRIDGE FORCE MAIN REPLACEMENT A project for the design and construction of 2,500 LF of 8-inch replacement force main and improvements to the Meadowridge Wastewater Pumping Station.	1,900	0	0	0	0	0	1,900
S6280 FY2013 HAMMOND/PATUXENT INTERCEPTOR IMPROVEMENTS A project for the study, design and construction of 20,000 feet of parallel sewer in the Hammond Branch and Patuxent sewer drainage areas.	18,490	8,015	0	0	0	0	26,505
S6281 FY2013 DORSEY/GUILFORD INTERCEPTOR IMPROVEMENTS A project for the study, design and construction of 14,600 feet of parallel sewer in the Dorsey Run and Guilford Run sewer drainage areas.	12,345	1,020	0	0	0	0	13,365
S6282 FY2013 BONNIE BRANCH/ROCKBURN INTERCEPTOR IMPROVEMENTS A project for the design and rehabilitation of 6,100 feet of interceptor sewer in the Bonnie Branch sewer drainage area and the re-commissioning and upgrade of the Kerger Road Pumping Station and force main.	5,325	0	0	0	0	0	5,325
S6283 FY2013 TIBER/SUCKER BRANCH INTERCEPTOR IMPROVEMENTS A project for the design and construction of 18,000 feet of parallel sewer in the Tiber Branch and Sucker Branch sewer drainage areas.	9,400	0	0	0	0	0	9,400
S6284 FY2013 DEEP RUN/SHALLOW RUN INTERCEPTOR IMPROVEMENTS A project for the design and construction of 44,000 feet of parallel sewer in the Deep Run and Shallow Run sewer drainage areas.	19,635	1,075	0	0	0	0	20,710
S6285 FY2017 MD108 PUMP STATION OUTFALL IMPROVEMENTS A project for the design and construction of 1,700 feet of parallel sewer in the Tiber Branch sewer drainage area and connection into the Patapsco Interceptor to support flows from the MD108 Pumping Station.	115	1,185	0	0	0	0	1,300
S6286 FY2013 DORSEY RUN PUMP STATION UPGRADE A project to upgrade and increase the pumping capacity of the Dorsey Run Pumping Station.	4,637	0	0	0	0	0	4,637

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : SEWER PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
S6287 FY2017 NORTH LAUREL PUMP STATION PARALLEL FORCE MAIN A project for the design and construction of 4,600 feet of parallel force main to supplement the pumping capacity of the North Laurel Wastewater Pumping Station.	2,510	0	0	0	0	0	2,510
S6288 FY2020 ROCKBURN PUMPING STATION UPGRADE A project to upgrade and increase the pumping capacity of the Rockburn Pumping Station.	0	3,320	0	0	0	0	3,320
S6289 FY2014 PARK AVENUE SEWER EXTENSION A project for the design and construction of 350 LF of 8-inch sewer to serve three properties on Park Avenue in Ellicott City.	260	0	0	0	0	0	260
S6290 FY2014 SAVAGE AREA SEWER STUDY and REALIGNMENT A project for the study and realignment of 3,500 linear feet of sewer in the area of Baltimore Street and Washington Street, west of William Street in Savage, Maryland.	4,250	0	0	0	0	0	4,250
S6292 FY2015 OLD FREDERICK ROAD SEWER A project for the design and construction of 900 LF of sewer to serve four properties located on Old Frederick Road.	348	0	0	0	0	0	348
S6293 FY2015 TURF VALLEY ROAD SEWER A project for the design and construction of 2,000 LF of sewer to serve three properties located on US40.	1,064	0	0	0	0	0	1,064
S6294 FY2015 ANNAPOLIS JUNCTION PUMPING STATION RENOVATION A project for the renovation of the Annapolis Junction Pumping Station.	480	0	0	0	0	0	480
S6295 FY2016 LPWRP 8th ADDITION BIOSOLIDS PROCESSING FACILITIES A project to design and construct new biosolids processing facilities at the Little Patuxent Water Reclamation Plant (LPWRP) for the purpose of meeting new Maryland Department of the Environment (MDE) biosolids storage and disposal regulations, achieve biosolids volume reduction, and enhance biosolids quality for end-use purposes.	102,235	0	0	0	0	0	102,235
S6296 FY2016 HARRIET TUBMAN LANE SEWER EXTENSION A project for the design and construction of 150 LF of sewer to serve one property on Harriet Tubman Lane.	440	0	0	0	0	0	440
S6297 FY2016 OLD FREDERICK ROAD PUMPING STATION UPGRADE A project for the design and construction of upgrades to increase the pumping capacity of the Old Frederick Road Pumping Station.	1,735	0	0	0	0	0	1,735
S6298 FY2018 DORSEY RUN ROAD SEWER EXTENSION A project for the design and construction of 475 LF of 8-inch sewer main along Dorsey Run Road to serve one property with a failing septic system.	400	0	0	0	0	0	400

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : SEWER PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
S6500 FY2017 SEWER AREA ASSESSMENT AND MODELING A project [program] for the study and evaluation of sewer areas and/or water zones.	355	380	0	0	0	0	735
S6698 ROUTINE SEWER EXTENSION PROGRAM A project to design and construct routine sewer main extensions in the Metropolitan District requested by landowners.	4,875	3,125	0	0	0	0	8,000
S6699 ON SITE SEPTIC SYSTEM CONVERSION PROGRAM A project for the study, design and implementation of converting properties within the water and sewer Planned Service Area that are currently on private on-site septic systems to public sewer service.	6,000	9,000	0	0	0	0	15,000
S6711 FY2011 DEVELOPER INSPECTION PROGRAM A project to provide engineering or administrative services, computer management, asset management, inspection, testing, staff training, supplies, tools, equipment and vehicles necessary for site inspections for the implementation of developer projects to make additions to the public water and sewer systems.	9,750	4,000	0	0	0	0	13,750
S6812 FY2012 ADV DEPOSIT LARGE HSE CONNECTIONS A project to provide for the construction and inspection services for sites that do not require formal developer agreements, but instead require Advanced Deposit Order (ADO) agreements for water services 8 inches and larger, short main extensions, or other appurtenances.	152	0	0	0	0	0	152
S6862 FY2012 SEWER HOUSE CONNECTIONS A project to provide for the construction of sewer house connections by the Bureau of Utilities for 4 and 6 inch residential sewers.	152	0	0	0	0	0	152
S6950 DEVELOPER CONSTRUCTED HOUSE CONNECTIONS A program for the reimbursement to developers for construction of water and sewer house connections to existing lots outside of their subdivision.	180	0	0	0	0	0	180
S6960 FY2015 DEVELOPER CONSTRUCTED MAJOR FACILITIES A project to reimburse developers for construction of major water and sewer facilities as shown on the approved Howard County Master Plan for Water and Sewerage.	3,000	0	0	0	0	0	3,000
	468,389	63,215	0	0	0	0	531,604

**Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
SEWER-SEWER PROJECTS**

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	1,874	0	0	0	0	0	1,874
C	UTILITY CASH	70,818	4,700	0	0	0	0	75,518
D	DEVELOPER CONTRIBUTION	9,554	2,000	0	0	0	0	11,554
G	GRANTS	11,100	0	0	0	0	0	11,100
I	IN-AID of CONSTRUCT UTILITIES	15,825	6,150	0	0	0	0	21,975
M	METRO DISTRICT BOND	329,495	50,365	0	0	0	0	379,860
O	OTHER SOURCES	5,625	0	0	0	0	0	5,625
P	PAY AS YOU GO	162	0	0	0	0	0	162
W	WATER QUALITY State Bond Loan	23,936	0	0	0	0	0	23,936
Total		468,389	63,215	0	0	0	0	531,604

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : TRAFFIC IMPROVEMENTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
T7087 FY1999 STREET LIGHT SETBACK SAFETY PROGRAM A program to provide safety improvements along arterial roadways in Columbia by setting back and upgrading all existing street lights.	700	0	0	0	0	0	700
T7088 FY2001 SCHOOL CROSSWALK IMPROVEMENTS This project is for the installation or modification of crosswalks, raised crosswalks, chokers, sidewalks, raised shoulders, signs, signals and/or other roadway retrofits to provide for an enhanced walking route for school children.	1,443	300	100	100	100	0	2,043
T7089 FY2005 RESIDENTIAL TRAFFIC CALMING A project to construct geometric roadway changes to reduce traffic speeding in residential areas.	1,510	200	0	0	0	0	1,710
T7094 FY2007 STREET LIGHTING PROGRAM This project is for the installation of new street lights in existing communities and commercial/industrial areas, and the conversion of existing street lights to high pressure sodium vapor (HPS) and/or LED fixtures.	2,525	430	0	0	0	0	2,955
T7101 FY2008 STATE/COUNTY SHARED INTERSECTIONS A project for the design, review and construction funding of geometric and traffic control modifications at various intersections of State and / or County roads.	1,600	0	0	0	0	0	1,600
T7102 FY2008 STREET SIGN PROGRAM A project to provide street sign services and related line striping that are included in the implementation of developer projects that expand the County road network of public roads and upgrade signing and striping projects along existing County roads.	710	150	0	0	0	0	860
T7103 FY2009 STATE/COUNTY SHARED TRAFFIC CONTROL A project for design, review and construction funding of traffic control at various intersections of State and County roads.	1,000	0	0	0	0	0	1,000
T7104 FY2009 DEVELOPER/COUNTY SIGNALS A project to facilitate the design, construction, and modification of traffic signals and appurtenances at various new development locations where warranted.	1,400	150	0	0	0	0	1,550
T7105 FY2011-SIGNALIZATION PROGRAM A project for the design and construction of various traffic signals when the MUTCD Warrants are met; also includes the modification and modernization of existing traffic signals.	2,060	1,500	0	0	0	0	3,560

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : TRAFFIC IMPROVEMENTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
T7106 INTERSECTION OR CORRIDOR SAFETY IMPROVEMENT PROGRAM This project is for the study, design and construction of geometric and pedestrian modifications to improve the safety or increase capacity at various intersections.	3,030	660	0	0	0	0	3,690
T7107 FY2014 DOWNTOWN COLUMBIA PATUXENT BRANCH TRAIL EXTENSION A project connecting Downtown Columbia at Lake Kittamaqundi and extending to the existing Patuxent Branch Trail.	150	3,665	0	0	0	0	3,815
T7108 FY2016 CLARKSVILLE-RIVER HILL STREETScape IMPROVEMENTS A project to plan, design and construct road and related improvements -- including streetscape, storm water management, pedestrian, bicycle, and public space enhancements -- in the Route 108 corridor.	400	4,300	0	0	0	0	4,700
T7109 FY2016-DEVELOPER STREETLIGHT PROGRAM A project to facilitate the design, installation and modification of street lights in new developments.	4,250	1,700	0	0	0	0	5,950
	20,778	13,055	100	100	100	0	34,133

**Howard County, MD
 FY 2018 Extended Capital Resolution (\$000)
 TRAF-TRAFFIC IMPROVEMENTS**

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
B	BONDS	6,268	9,565	100	100	100	0	16,133
D	DEVELOPER CONTRIBUTION	3,180	1,960	0	0	0	0	5,140
E	EXCISE TAX	600	0	0	0	0	0	600
G	GRANTS	740	800	0	0	0	0	1,540
O	OTHER SOURCES	3,795	20	0	0	0	0	3,815
P	PAY AS YOU GO	3,495	710	0	0	0	0	4,205
X	EXCISE TAX BACKED BONDS	2,700	0	0	0	0	0	2,700
Total		20,778	13,055	100	100	100	0	34,133

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : WATER PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
W8206 FY1995 METALLIC PIPELINE CORROSION STUDIES A project to fund the study, maintenance, and remediation of corrosion related failures at various locations throughout the County.	4,380	1,300	0	0	0	0	5,680
W8218 WATER CONTINGENCY FUND The fund is designed for use as a revenue source for the transfer of appropriations when either the construction costs are higher than originally estimated or engineering costs must be advanced from future years to the present fiscal year for critical water needs.	1,650	0	0	0	0	0	1,650
W8220 FY1998 SHARED WATER FACILITY IMPROVEMENTS A project for the planning, design and construction of major water facilities, mains, pumping stations, reservoirs and treatment plants in the Baltimore City Central Water System.	41,050	80,000	0	0	0	0	121,050
W8245 FY2003 RIGHT of WAY RESTORATION PROGRAM State and County roads, sidewalks and curbs that are damaged, primarily by water main breaks, require permanent restoration.	5,610	5,015	0	0	0	0	10,625
W8262 FY2004 GUILFORD ELEVATED WATER TANK A project for the design and construction of a 2.	5,530	0	0	0	0	0	5,530
W8265 FY2005 US 29 WATER MAIN/RIVERS MEADOWS DR to BROKEN LAND PKWY A project for the rehabilitation of the water transmission main located in the vicinity of Broken Land Parkway and US29.	4,480	0	0	0	0	0	4,480
W8267 FY2005 WATER VALVE MANAGEMENT SYSTEM The purpose of this project is to exercise and maintain all County owned valves within the water distribution system.	2,547	2,600	0	0	0	0	5,147
W8269 FY2005 PARTICIPATION 3RD ZONE WATER SUPPLY A project for the construction of major water transmission and distribution mains to convey water from Baltimore City to Howard County.	16,000	19,000	0	0	0	0	35,000
W8274 FY 2007 SCADA SYSTEM UPGRADE A project to upgrade the Supervisory Control and Data Acquisition System (SCADA) at the Bureau of Utilities Operations building and all remote sites.	4,069	3,825	0	0	0	0	7,894
W8289 FY2009 WATER METER BATTERY REPLACEMENT This project is to provide for the replacement of the battery systems, radios and meters in the County's existing residential and commercial radio read water metering system that have reached the end of their projected ten (10) year lives.	18,856	6,000	0	0	0	0	24,856
W8291 FY2009 ELEVATED WATER TANK RECOATING A project to study and prioritize the cleaning, repairing and recoating of the County water system's existing elevated water storage tanks.	5,624	7,465	0	0	0	0	13,089

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : WATER PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
W8292 FY2009 DORSEY RUN ROAD PHASE B WATER MAIN A project for the design and construction of 5,500 LF of 12-inch water main and relocation of 1,500 LF of sewer within proposed Dorsey Run Road from existing Dorsey Run Road to Montevideo Road.	1,900	0	0	0	0	0	1,900
W8296 FY2010 US29 WATER MAIN/MD108 TO SOUTH ENTRANCE ROAD A project for the design and construction of 18,000 LF of 36-inch water main within the US29 corridor from MD108 to South Entrance Road.	27,500	0	0	0	0	0	27,500
W8300 FY2011 LEVERING AVENUE WATER MAIN A project for the design and construction of 6,350 LF of 12-inch water main from Gun Road in the Patapsco State Park in Baltimore County to Levering Avenue in Howard County to US1.	3,496	0	0	0	0	0	3,496
W8303 FY2018 LOUDON AVE/RAILROAD STREET WATER MAIN A project for the design and construction of 3,000 LF of 8-inch and 12-inch water main along Loudon Avenue and Railroad Street to Hanover Road.	120	880	0	0	0	0	1,000
W8304 FY2015 COLUMBIA WATER PUMPING STATION IMPROVEMENTS A project to upgrade the Columbia Water Pumping Station.	1,250	0	0	0	0	0	1,250
W8305 FY2018 LANDING ROAD WATER MAIN LOOP A project for the design and construction of 4,300 LF of 12-inch water main along Landing Road to connect the water mains between Ilchester Road and Montgomery Road.	170	1,330	0	0	0	0	1,500
W8306 FY2013 SANNER ROAD WATER MAIN LOOP A project for the design and construction of approximately 750 LF of 12-inch water main on Johns Hopkins Road east of Sanner Road.	2,132	0	0	0	0	0	2,132
W8307 FY2013 BROKEN LAND PKWY WATER MAIN A project for the design and construction of 4,100 LF of 30-inch water main along Broken Land Parkway from Stevens Forest Road to Cradlerock Way.	5,600	0	0	0	0	0	5,600
W8309 FY2014 MISSION ROAD WATER MAIN LOOP A project for the design and construction of 4,500 LF of 12-inch water main along Mission Road to Columbia Gateway Drive.	2,360	0	0	0	0	0	2,360
W8313 FY2011 FIRE HYDRANT INSPECTION PROGRAM Develop a Fire Hydrant Inspection Program that will include all County owned fire hydrants within the distribution system.	6,000	4,365	0	0	0	0	10,365
W8317 FY2013 ELKRIDGE PUMP STATION IMPROVEMENTS A project for the design and installation of a 1,250 kW emergency generator and electrical, mechanical, and structural improvements at the Elkridge Water Pumping Station.	3,100	0	0	0	0	0	3,100

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : WATER PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
W8318 FY2013 MONTGOMERY ROAD WATER MAIN REHABILITATION A project for the rehabilitation of 12,000 feet of 12-inch water main within Montgomery Road from Lawyers Hill Road to Rockburn Drive.	6,610	0	0	0	0	0	6,610
W8320 FY2013 WHISKEY BOTTOM PUMP STATION RELOCATION A project to relocate the Whiskey Bottom Road pumping station and related suction and discharge pipelines and to increase pumping capacity.	5,000	0	0	0	0	0	5,000
W8322 FY2013 WILDE LAKE WATER MAIN STUDY and REHABILITATION A project to determine the condition of 44,000 feet of water main in the Wilde Lake area and to perform necessary repairs or replacements.	1,700	0	0	0	0	0	1,700
W8324 FY2014 WATER SYSTEM LOOPING/FIRE PROTECTION UPGRADE A project for the design and construction of various water system upgrades and improvements to meet County standards for water system redundancy, pressure and flow rates requirements for fire protection.	2,500	1,500	0	0	0	0	4,000
W8325 FY2014 RECLAIMED WATER SYSTEM DEVELOPMENT Develop, design, and construct a reclaimed water system to serve various parts of the County with reclaimed water from the Little Patuxent Water Reclamation Plant, or a stand-alone system constructed under this project.	4,573	1,946	0	0	0	0	6,519
W8327 FY2015 OLD LAWYER HILL ROAD WATER SUPPLY MAIN REPLACEMENT A project for the replacement of 2,300 LF of 8-inch water main in Old Lawyers Hill Road.	1,060	0	0	0	0	0	1,060
W8328 FY2015 630 WEST ZONE WATER PUMPING STATION A project for the design and construction of a pumping station to serve the Elevation 630 West water zone.	10,000	0	0	0	0	0	10,000
W8329 FY2015 PCCP STUDY AND FAILURE MITIGATION A project to investigate and determine the condition of all prestressed concrete cylinder pipe (PCCP) transmission mains in the water distribution system.	3,000	2,000	0	0	0	0	5,000
W8330 FY2017 OLD COLUMBIA PIKE WATER MAIN REHABILITATION/REPLACEMENT A project to rehabilitate/replace 9,850 LF of 4-inch, 6-inch and 8-inch diameter water mains in Old Columbia Pike between Montgomery Road (MD Route 103) and Main Street (MD Route 144).	4,015	0	0	0	0	0	4,015
W8331 FY2017 TWIN RIVERS ROAD WATER MAIN REPLACEMENT A project to replace 6,000 LF of 12-inch diameter water main within Twins Rivers Road; between Governor Warfield Parkway and Harpers Farm Road.	2,565	0	0	0	0	0	2,565

Howard County, MD
FY 2018 Extended Capital Resolution (\$000)
Program : WATER PROJECTS

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2024 Budget	Fiscal 2025 Budget	Fiscal 2026 Budget	Fiscal 2027 Budget	Total
W8332 FY2018 HERITAGE HEIGHTS WATER AND SEWER EXTENSIONS A project for the design and construction of 700 LF of 8-inch water main within Thompson Drive, 700 LF of 8-inch sewer main within Thompson Drive and 700 LF of 8-inch sewer main within Tulane Road in the Heritage Heights community.	900	0	0	0	0	0	900
W8600 UTILITY SYSTEMIC ADDITIONS / IMPROVEMENTS A project for the design and construction of various additions and improvements to the water and sewer system or its associated infrastructure.	12,915	0	0	0	0	0	12,915
W8601 FY2016 ACQUISITION CONTINGENCY FUND Project funding will be used to resolve easement and rights-of-way issues on water and sewer projects which have been constructed or special quick response projects of a capital nature requiring title research, appraisals and acquisition.	805	410	0	0	0	0	1,215
W8602 FY2016 SLEEVES RELOCATIONS AND APPURTENANCES A project for funding design and construction of sewer and water lines in conjunction with Maryland State Highway Administration (SHA) and Howard County projects prior to construction.	4,050	2,000	0	0	0	0	6,050
W8698 ROUTINE WATER EXTENSION PROGRAM A project to design and construct routine water main extensions in the Metropolitan District requested by landowners.	4,275	3,125	0	0	0	0	7,400
W8812 FY2012 ADV DEPOSIT LARGE WATER HOUSE CONNECTIONS A project to provide for the construction, inspection services, and ordering of large water meters for sites that do not require formal developer agreements, but instead require Advanced Deposit Order (ADO) agreements for water services larger than 1 inch, fire hydrants, short main extensions, or other appurtenances.	300	0	0	0	0	0	300
W8862 FY2012 WATER HOUSE CONNECTIONS A project to provide for the construction of water house connections by the Bureau of Utilities for residential size up to 1 inch.	976	0	0	0	0	0	976
W8913 FY2013 DEVELOPER REBATES WATER & SEWER Land developers in Howard County desiring to provide public water and/or sewer services to a proposed development, request the County to permit them to extend the existing systems to serve their proposed developments through pre-financing of these extensions under terms of a developer's agreement.	4,000	0	0	0	0	0	4,000
	232,668	142,761	0	0	0	0	375,429

**Howard County, MD
 FY 2018 Extended Capital Resolution (\$000)
 WATER-WATER PROJECTS**

Revenue Source		Total	5Yr Capital Improvement Program	FISCAL 2024 Budget	FISCAL 2025 Budget	FISCAL 2026 Budget	FISCAL 2027 Budget	Total
C	UTILITY CASH	70,526	99,915	0	0	0	0	170,441
D	DEVELOPER CONTRIBUTION	1,408	0	0	0	0	0	1,408
G	GRANTS	915	0	0	0	0	0	915
I	IN-AID of CONSTRUCT UTILITIES	17,444	14,065	0	0	0	0	31,509
M	METRO DISTRICT BOND	142,290	28,781	0	0	0	0	171,071
O	OTHER SOURCES	85	0	0	0	0	0	85
Total		232,668	142,761	0	0	0	0	375,429