

County Council Of Howard County, Maryland

2014 Legislative Session

Legislative Day No. 5

Resolution No. 44-2014

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

A RESOLUTION approving the Capital Program for Howard County for Fiscal Years 2016 through 2020 and the Extended Capital Program for Fiscal Years 2021 through 2024.

Introduced and read first time May 5, 2014.

By order Sheila M. Tolliver  
Sheila M. Tolliver, Administrator

Read for a second time at a public hearing on May 19, 2014.

By order Sheila M. Tolliver  
Sheila M. Tolliver, Administrator

This Resolution was read the third time and was Adopted , Adopted with amendments , Failed , Withdrawn , by the County Council on May 21, 2014.

Certified By Sheila M. Tolliver  
Sheila M. Tolliver, 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 2015, a Capital Program for Fiscal Years 2016 through 2020 and an Extended Capital  
5 Program for Fiscal Years 2021 through 2024, 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(c) of  
8 the Howard County Code.

9  
10           **NOW, THEREFORE, BE IT RESOLVED** by the County Council of Howard County,  
11 Maryland this 21<sup>st</sup> day of may, 2014 that it approves the following as the Capital  
12 Program for the fiscal years ending June 30, 2016, 2017, 2018, 2019, and 2020 and the Extended  
13 Capital Program for the fiscal years ending June 30, 2021, 2022, 2023, and 2024:

- 14           (1)     The Capital Budget Detail for Fiscal Year 2015, 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 2016 through 2020 and the Extended Capital Program for Fiscal Years 2021 through 2024  
23 shall be effective July 1, 2014 and shall continue in effect until changed or repealed by  
24 subsequent resolution of the County Council.

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : BRIDGE PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>B3831 FY2007 RIVER ROAD BRIDGE-ROCKBURN (H0-6)</b> A project for the design and construction of a replacement structure for the River Road Bridge over Rockburn Branch.	1,325	0	0	0	0	0	1,325
<b>B3835 FY2006 HENRYTON ROAD BRIDGE (H0-105)</b> 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
<b>B3838 FY2006 PINDELL SCHOOL ROAD BRIDGE (H0-106)</b> A project for the design and construction of a replacement structure for the Pindell School Road Bridge over Hammond Branch.	1,360	0	0	0	0	0	1,360
<b>B3840 FY1996 DAISY ROAD BRIDGE (H0-41)</b> A project for the design and construction of a replacement bridge for the Daisy Road Bridge over Cattail Creek.	1,454	0	0	0	0	0	1,454
<b>B3849 FY1996 DAISY ROAD BRIDGE (H0-38)</b> A project for the design and construction of a replacement bridge and roadway tie-ins.	1,974	0	0	0	0	0	1,974
<b>B3850 FY2001 STRUCTURE INSPECTION PROGRAM</b> A project to inspect Howard County bridges in accordance with the federally mandated National Bridge Inspection Standards.	1,430	0	300	0	300	0	2,030
<b>B3853 FY2000 EMERGENCY STRUCTURE RECONSTRUCTION</b> A fund for Howard County to undertake construction and repair of bridges, culverts and retaining walls requiring prompt action.	3,545	150	150	0	0	0	3,845
<b>B3856 FY2001 OLD MONTGOMERY RD BRIDGE (H0-9)</b> A project for the design and construction of a replacement structure and approach for the Old Montgomery Road Bridge over Deep Run.	2,226	0	0	0	0	0	2,226
<b>B3857 FY2001 SYSTEMIC STRUCTURE IMPROVEMENTS</b> A project for specialized renovation items for bridges throughout the County.	1,996	0	100	0	100	0	2,196
<b>B3858 FY2018 PFEFFERKORN ROAD BRIDGE (H0-31)</b> A project for the design and construction of a bridge replacement for Pfefferkorn Road over Middle Patuxent River.	0	0	0	275	100	1,000	1,375
<b>B3860 FY2016 CARROLL MILL ROAD BRIDGE REPLACEMENT (H0-23)</b> A project for the design and construction of a replacement structure for the Carroll Mill Road Bridge over Benson Branch.	0	250	100	950	0	0	1,300
<b>B3862 FY2013 RETAINING WALLS</b> A Countywide project for the design and construction of replacement or rehabilitated retaining walls and slope stabilization.	1,250	0	300	300	300	300	2,450
<b>B3863 FY2013 DOWNTOWN COLUMBIA-OAKLAND MILLS CONNECTION IMPROVEMENTS</b> A project to provide a feasibility study, design and construction of enhancements to existing and potential future connections over US29.	600	0	0	0	0	0	600

18,875      400      950      1,525      800      1,300      23,850

Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 BRIDGE-BRIDGE PROJECTS

Revenue Source	Total	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	Total
		2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget		
B BONDS	10,199	400	650	1,525	500	1,300	14,574	
G GRANTS	5,590	0	0	0	0	0	5,590	
O OTHER SOURCES	500	0	0	0	0	0	500	
P PAY AS YOU GO	2,061	0	300	0	300	0	2,661	
X EXCISE TAX BACKED BONDS	525	0	0	0	0	0	525	
<b>Total</b>	<b>18,875</b>	<b>400</b>	<b>950</b>	<b>1,525</b>	<b>800</b>	<b>1,300</b>	<b>23,850</b>	

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>C0182 FY1985 PUBLIC SAFETY EDUCATION CENTER</b> A project for design and construction of a group of facilities for training of public safety employees.	27,326	1,185	7,940	0	0	0	36,451
<b>C0214 FY199- CATEGORY CONTINGENCY FUND</b> 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.	70,600	10,000	0	10,000	0	10,000	100,600
<b>C0256 ENVIRONMENTAL ASSESSMNT CONTINGENCY FUND</b> 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.	470	50	26	50	26	50	672
<b>C0264 FY1998 SYSTEMIC FACILITY IMPROVEMENTS</b> 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 to provide for system management initiatives, energy initiatives, or environmental initiatives.	26,980	0	0	0	0	0	26,980
<b>C0282 FY2001 GOVERNMENT SERVICE CAMPUS</b> A project to purchase, renovate or construct additional County office space, Courthouse and related parking both at the current County campus location in Ellicott City and at additional locations (outside of the current campus) which are being explored.	77,264	0	0	0	0	0	77,264
<b>C0285 FY2002 US1 CORRIDOR REVITALIZATION</b> 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.	8,050	1,000	1,000	1,000	1,000	1,000	13,050
<b>C0286 FY2002 BUS STOP IMPROVEMENTS</b> A project to implement a series of systemic improvements to Howard Transit bus stops.	1,719	0	0	0	0	0	1,719
<b>C0287 FY2002 COMMUNITY RENEWAL / ENHANCEMENTS</b> A project to design and implement a series of pedestrian improvements, streetscape enhancements and repair or enhancement of public green spaces.	889	100	100	100	100	100	1,389
<b>C0289 FY2002 TRANSIT OPERATION REPAIR FACILITY</b> A project for site selection, acquisition, design and construction of a multi-jurisdictional transit facility.	15,619	0	0	0	0	0	15,619
<b>C0290 FY2003 COURTHOUSE RENOVATION</b> A project to expand and renovate the existing courthouse.	8,580	19,800	8,600	0	0	0	36,980

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>C0298 FY2005 US 40 CORRIDOR ENHANCEMENT</b> A project to plan, design and implement improvements (eg 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	200	200	200	200	200	2,050
<b>C0299 FY2005 WASTE MANAGEMENT IMPROVEMENTS</b> 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	1,084	760	512	1,186	0	26,608
<b>C0301 FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES</b> A project to upgrade infrastructure of the County's Local Area Networks and Wide Area Networks.	16,446	2,000	1,740	0	0	0	20,186
<b>C0309 FY2007 LAND ACQUISITION CONTINGENCY RESERVE</b> 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.	32,000	750	750	750	750	0	35,000
<b>C0311 FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS</b> Enhancements to 800 MHz Motorola Astro trunking radio system for Public Safety.	8,600	5,370	21,500	8,320	0	0	43,790
<b>C0312 FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM</b> The County currently is utilizing SAP ERP software solution as the system of Financial Accounting, Purchasing and Utility Water and Sewer billing.	16,350	1,500	1,500	1,500	1,500	0	22,350
<b>C0313 FY2008 ENVIRONMENTAL COMPLIANCE</b> A project to support environmental compliance activities for County Facilities.	9,634	943	178	182	252	448	11,637
<b>C0315 FY2009 PUBLIC SAFETY SYSTEM ENHANCEMENTS</b> This project will provide a variety of functionality enhancements for the County's existing Public Safety System.	3,095	700	905	0	0	0	4,700
<b>C0316 FY2010 ELLICOTT CITY VISITORS CENTER RESTORATION &amp; RENOVATION</b> Renovate the Historic Ellicott City Post Office in the heart of Ellicott City.	1,025	0	0	0	0	0	1,025
<b>C0317 FY2013 SYSTEMIC FACILITY IMPROVEMENTS</b> 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.	18,750	5,000	4,000	4,000	0	0	31,750
<b>C0318 FY2010 MARC SAVAGE STATION GARAGE</b> 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
<b>C0319 FY2010 TAX INCREMENT FINANCING PROJECTS</b> A project for funding of tax increment financing projects.	50,000	0	0	0	0	0	50,000

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>C0320 FY2010 BUS/VEHICLE ACQUISITION for 2009</b> A project for the purchase of fixed route and paratransit vehicles for the Howard Transit and HT Ride systems respectively.	4,335	0	0	0	0	0	0	0	0	0	0	4,335
<b>C0321 FY2010 BUS/VEHICLE ACQUISITION</b> A project for the purchase of fixed route and paratransit vehicles for the Howard Transit and HT Ride systems respectively.	2,578	0	0	0	0	0	0	0	0	0	0	2,578
<b>C0322 FY2012 CENTRAL FLEET SYSTEMIC IMPROVEMENTS and FUEL SYSTEM</b> This is a project to fund improvements to the County's fuel storage/dispersing/monitoring systems, and to improve or upgrade the physical plant of Fleet Equipment.	3,895	1,310	600	0	0	0	0	0	0	0	0	5,805
<b>C0323 FY2011 BUS/VEHICLE ACQUISITION</b> 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	0	0	0	0	0	625
<b>C0324 FY2012 GEODETIC NETWORK AUTOMATION</b> A project to purchase survey global positioning system (GPS) and digital survey equipment.	435	15	0	0	0	0	0	0	0	0	0	450
<b>C0325 FY2013 BUS/VEHICLE ACQUISITION</b> 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	0	0	0	0	0	870
<b>C0327 FY2013 ENTERPRISE CONTENT MANAGEMENT (ECM)</b> The ECM will remove critical strain from the existing email system and replace our outdated records management system.	2,346	0	0	0	0	0	0	0	0	0	0	2,346
<b>C0328 FY2012 BUS/VEHICLE ACQUISITION</b> A project for the purchase of fixed route and paratransit vehicles for the Howard Transit and HT Ride systems respectively.	821	0	0	0	0	0	0	0	0	0	0	821
<b>C0329 FY2012 ENERGY MANAGEMENT/IMPROVEMENTS</b> A project to develop a 5-10 year business plan for energy performance optimization.	900	0	0	0	0	0	0	0	0	0	0	900
<b>C0331 FY2014 ELLICOTT CITY PARKING LOT ENHANCEMENT</b> A project to plan, design and implement a set of improvements to publicly owned land currently designated as Lot D in Ellicott City.	800	400	0	0	0	0	0	0	0	0	0	1,200
<b>C0332 FY2014 BUS STOP IMPROVEMENTS</b> A project to implement a series of systemic improvements to Howard Transit bus stops.	250	150	150	150	150	150	150	150	150	150	150	1,000
<b>C0333 FY2015 DETENTION CENTER RENOVATIONS</b> 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.	395	7,210	0	0	0	0	0	0	0	0	0	7,605



**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
	Total	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget		
<b>C0334 FY2014 EMERGENCY ALTERNATIVE POWER</b> 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.	4,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	9,000
<b>C0335 FY2014 CITIZEN SERVICES FACILITY/PROGRAM ENHANCEMENTS</b> A project to determine the additional facility needs for the Department of Citizen Services.	300	4,570	300	0	0	0	0	0	0	0	5,170
<b>C0336 FY2014 LANDFILL RESOURCE MANAGEMENT</b> 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	0	0	0	0	500
<b>C0337 FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS</b> This is a project to provide a variety of repairs and improvements to public infrastructure and address other community improvements and needs to improve the downtown and historic district of the Howard County Seat.	4,200	0	0	0	0	0	0	0	0	0	4,200
<b>C0338 FY2015 BROADBAND INSTALLATIONS</b> 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	0	0	0	0	10,000
<b>C0339 FY2015 BROADBAND INSTALLATIONS NON-COUNTY GOVERNMENT</b> 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	0	0	0	0	10,000
<b>C0340 FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT</b> The Broadband Installation project will extend services to non-government facilities to our fiber network.	10,000	0	0	0	0	0	0	0	0	0	10,000
<b>C0341 FY2015 TOWER GENERATOR REPLACEMENTS</b> 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	0	0	0	0	5,000
<b>C0414 FY2011 ONE MARYLAND BROADBAND PLAN</b> A project resulting from the American Recovery and Reinvestment Act (ARRA) to include all costs to administer and purchase and install dark fiber infrastructure across 10 local government jurisdictions.	87,503	0	0	0	0	0	0	0	0	0	87,503
	<b>584,266</b>	<b>64,337</b>	<b>51,249</b>	<b>27,764</b>	<b>27,764</b>	<b>6,164</b>	<b>12,948</b>	<b>746,728</b>			

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**GENCO-GENERAL COUNTY PROJECTS**

Revenue Source	Total	FISCAL 2016 Budget	FISCAL 2017 Budget	FISCAL 2018 Budget	FISCAL 2019 Budget	FISCAL 2020 Budget	Total
B BONDS	209,254	41,497	49,078	15,914	4,338	1,848	321,929
C UTILITY CASH	4,850	500	500	500	500	0	6,850
G GRANTS	164,093	20,450	550	10,550	550	10,550	206,743
O OTHER SOURCES	93,303	-3,300	250	0	0	0	90,253
P PAY AS YOU GO	43,216	4,790	871	800	776	550	51,003
R STORMWATER UTILITY FUNDING	2,300	400	0	0	0	0	2,700
T TRANSFER TAX	250	0	0	0	0	0	250
TIF TIF BONDS	67,000	0	0	0	0	0	67,000
<b>Total</b>	<b>584,266</b>	<b>64,337</b>	<b>51,249</b>	<b>27,764</b>	<b>6,164</b>	<b>12,948</b>	<b>746,728</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : DRAINAGE PROJECTS**

Project Description	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>D1112 FY1997 DAVIS AVE AREA DRAINAGE IMPROVEMENTS</b> This project is for the design and construction of storm drainage facilities in the area of Davis Avenue in North Laurel.	687	0	0	0	0	687
<b>D1124 FY2007 DRAINAGE IMPROVEMENT PROGRAM</b> A project for the design and construction of small to medium size drainage improvements requested by County residents and the Bureau of Highways.	2,435	425	425	0	0	3,710
<b>D1125 FY2004 EMERGENCY STORM DRAIN RECONSTRUCTION</b> 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.	1,475	0	150	0	0	1,625
<b>D1140 FY2005 PINE TREE/GLEN COURT STORM DRAIN SYSTEM</b> A project for the design and construction of a storm drain system along Pine Tree Road, Glen Court, and Guilford Road.	2,495	465	0	0	0	2,960
<b>D1148 FY2007 NPDES WATERSHED MANAGEMENT PROGRAM</b> 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.	4,805	2,000	2,000	2,000	2,000	14,805
<b>D1150 FY2005 HIGH RIDGE DRAINAGE</b> A project to design and construct storm drain improvements in the High Ridge area including, but not limited to: Naylor Avenue, Hughes Avenue, Robinson Boulevard, Gross Avenue, Bryant Avenue, Grant Avenue, and Lyon Ave.	1,400	75	585	0	0	2,060
<b>D1155 FY2006 LINCOLN DRIVE at CEDAR VIL PARK DRAINAGE</b> A project to eliminate the freezing of runoff on Lincoln Drive, Cedar Avenue, and Wye Ave.	1,635	0	0	0	0	1,635
<b>D1157 FY2006 ST JOHNS LANE VICINITY DRAINAGE</b> A project for the construction of drainage improvements along St Johns Lane, Northfield Road, Southfield Road, Crescent Road, Hawthorne Road, Crestleigh Road and the adjacent neighborhoods.	1,515	0	0	0	0	1,515
<b>D1158 FY2008 WATERSHED MANAGEMENT CONSTRUCTION</b> This project is for design and construction of stormwater facility improvements.	16,475	4,000	4,500	5,000	6,000	41,475
<b>D1159 FY2007 STORMWATER MANAGEMENT FACILITY RECONSTRUCT</b> 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.	17,690	4,800	5,030	6,190	6,190	45,590
<b>D1160 FY2010 STORMWATER MANAGEMENT RETROFITS</b> A project for the retrofit of stormwater management facilities to include water quality management.	11,240	2,620	2,700	3,040	3,715	26,690
<b>D1161 FY2018 SHAFFERSVILLE ROAD CULVERT REPLACEMENT</b> A project to replace the existing culvert on Shaffersville Road (between Florence Road and Shaffers Mill Road).	0	0	0	100	25	400

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : DRAINAGE PROJECTS**

Project Description	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>D1162 FY2012 DRAINAGE EASEMENT ACQUISITION/REFURBISH</b> A project for the purchase of easements as required and repairs for pipes under County roads in the older sections of the County.	1,650	300	300	300	0	2,850
<b>D1163 FY2012 TROTTER ROAD SLOPE STABILIZATION</b> 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.	575	0	0	0	0	575
<b>D1164 FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS</b> This project is for design and construction of Environmental Site Design (ESD) small scale storm water facilities.	2,950	1,200	1,200	1,200	1,000	8,750
<b>D1165 FY2013 FLOOD MITIGATION and STORMWATER/WATERWAY ENHANCEMENT</b> This project is for the study, design, and construction of flood mitigation and stormwater/waterway enhancement efforts in downtown Ellicott City.	2,675	750	750	0	0	4,925
<b>D1166 FY2015 CHESTNUT HILLS DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Chestnut Hills Community including but not limited to: Deerfield Drive, Family Way and Ivy Lane.	100	100	900	0	0	1,100
<b>D1167 FY2015 GLENBROOK DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Glenbrook Community including but not limited to: Walker Drive and Dogwood Drive.	100	170	350	0	0	620
<b>D1168 FY2015 MORGAN WOODBINE ROAD SLOPE STABILIZATION</b> 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	665
	<b>70,102</b>	<b>16,930</b>	<b>19,330</b>	<b>18,505</b>	<b>19,305</b>	<b>162,762</b>

Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 DRAIN-DRAINAGE PROJECTS

Revenue Source	Total	FISCAL 2016		FISCAL 2017		FISCAL 2018		FISCAL 2019		FISCAL 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
B BONDS	40,585	6,905	8,815	7,190	7,500	7,960	78,955					
D DEVELOPER CONTRIBUTION	200	0	0	0	0	0	200					
G GRANTS	9,180	0	0	0	0	0	9,180					
O OTHER SOURCES	267	0	0	0	0	0	267					
P PAY AS YOU GO	4,580	800	800	800	500	1,000	8,480					
R STORMWATER UTILITY FUNDING	13,175	9,000	9,440	10,290	10,590	10,345	62,840					
S STORM DRAINAGE FUND	2,115	225	275	225	0	0	2,840					
<b>Total</b>	<b>70,102</b>	<b>16,930</b>	<b>19,330</b>	<b>18,505</b>	<b>18,590</b>	<b>19,305</b>	<b>162,762</b>					

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SCHOOL SYSTEM PROJECTS**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>E0973 FY2003 WAVERLY ELEMENTARY ADDITION</b> This project will be completed in two phases at Waverly Elementary School.	4,314	0	0	0	0	0	0	0	0	0	0	4,314
<b>E0980 FY2004 SYSTEMIC RENOVATIONS</b> 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.	228,968	51,943	74,410	73,098	60,639	58,758						547,816
<b>E0989 FY1989 BARRIER-FREE PROJECTS</b> 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.	5,203	200	200	200	200	200						6,203
<b>E0990 FY2002 Playground Equipment</b> Improvements and installation of playground equipment at various school sites.	2,380	200	200	200	200	200						3,380
<b>E0993 FY2004 RELOCATABLE CLASSROOMS PROGRAM</b> 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 2014.	15,910	1,100	1,100	1,100	1,100	1,100						21,410
<b>E0994 FY2004 ROOFING PROGRAM</b> 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.	39,588	5,000	5,000	5,000	5,000	5,000						64,588
<b>E0995 SITE ACQUISITION and CONSTRUCTION RESERVE</b> 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
<b>E0999 FY2006 FACILITY MODERNIZATION</b> A facility assessment survey was conducted for all schools.	6,400	0	0	0	0	0						6,400
<b>E1004 FY2006 OLD CEDAR LANE RENOVATIONS</b> A project to add an addition and to renovate the "OLD" Cedar Lane School for use as a Diagnostic Center and offices for staff.	1,320	0	0	3,642	17,327	17,327						39,616
<b>E1005 FY2007 MT HEBRON HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate the existing building of Mount Hebron High School.	47,100	0	0	0	0	0						47,100
<b>E1007 FY 2007 RUNNING BROOK ELEM ADDITION</b> A project to expand the existing Running Brook Elementary School to provide capacity which will serve enrollment growth in the Columbia West and Southeastern Regions.	5,787	0	0	0	0	0						5,787
<b>E1011 FY2008 NEW MAINTENANCE/WAREHOUSE FACILITY</b> A project to construct a new maintenance/warehouse facility which will be developed taking the county requirements into consideration.	1,100	0	0	0	0	0		14,112	9,408			24,620

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SCHOOL SYSTEM PROJECTS**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>E1012 FY2008 SCHOOL PARKING LOT EXPANSION</b> 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	600	600	600	600	600	7,200
<b>E1013 FY2009 NORTHFIELD ELEM RENOVATION</b> A project to renovate the existing Northfield Elementary School and provide additional classroom and core infrastructure space.	19,585	0	0	0	0	0	0	0	0	0	0	19,585
<b>E1014 FY2009 TRIADELPHIA RIDGE/FOLLY QUARTER WASTE WATER TREATMENT FACILITY</b> A project for the replacement of two existing recirculating sand filter systems with one consolidated waste water treatment facility that will serve both Triadelphia Ridge Elementary and Folly Quarter Middle Schools.	4,000	0	0	0	0	0	0	0	0	0	0	4,000
<b>E1015 FY2011 ATHOLTON HIGH RENOVATION</b> A project to expand educational program spaces and renovate Atholton High School.	61,069	0	0	0	0	0	0	0	0	0	0	61,069
<b>E1016 FY2009 HIGH SCHOOL TECHNICAL EDUCATION PGM EXPANSION</b> Nine of twelve high schools needed renovation of existing spaces to meet Code of Maryland Regulations (COMAR) standards for technical education.	1,000	0	0	0	0	0	0	0	0	0	0	1,000
<b>E1018 FY2010 BELLOWS SPRING ELEM ADDITON</b> A project to provide additional classroom space and additional core infrastructure space at BelloWS Spring Elementary School.	5,660	0	0	0	0	0	0	0	0	0	0	5,660
<b>E1020 FY2011 NEW ELEMENTARY SCHOOL #41</b> A project to construct a new elementary school to relieve the Northeastern and Northern regions.	34,447	0	0	0	0	0	0	0	0	0	0	34,447
<b>E1021 FY2011 TECHNOLOGY</b> A capital project to provide and sustain a viable technology infrastructure consistent with the HCPSS technology plan at various school sites.	29,486	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	54,486
<b>E1022 FY2013 GORMAN CROSSING ELEM SCHOOL</b> A project to expand the existing Gorman Crossing Elementary School to provide capacity which will serve enrollment growth in the Southeastern Region.	6,156	0	0	0	0	0	0	0	0	0	0	6,156
<b>E1023 FY2013 NEW MIDDLE SCHOOL #20</b> A project to construct a new middle school to relieve the Northeastern and Southeastern regions in 2014.	34,755	0	0	0	0	0	0	0	0	0	0	34,755
<b>E1024 FY2016 HAMMOND HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Hammond High School.	0	5,659	35,612	23,741	0	0	0	0	0	0	0	65,012
<b>E1025 FY2022 CENTENNIAL HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Centennial High School.	0	0	0	0	0	0	0	0	0	0	0	0

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SCHOOL SYSTEM PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>E1026 FY2012 PHELPS LUCK ELEM RENOVATION</b> A project to expand educational program spaces and renovate Phelps Luck Elementary School.	19,208	0	0	0	0	0	19,208
<b>E1027 FY2013 LONGFELLOW ELEM ADDITION</b> A project to expand educational program spaces and renovate Longfellow Elementary School.	16,930	0	0	0	0	0	16,930
<b>E1028 FY2018 NEW ELEMENTARY SCHOOL #42</b> A project to construct a new elementary school to relieve the Southeastern region.	0	0	0	3,528	31,896	0	35,424
<b>E1029 FY2019 OAKLAND MILLS HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Oakland Mills High School.	0	0	0	0	5,929	37,244	43,173
<b>E1030 FY2014 DEEP RUN ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Deep Run Elementary School.	20,154	0	0	0	0	0	20,154
<b>E1031 FY2014 WILDE LAKE MIDDLE SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Wilde Lake Middle School.	10,858	26,279	0	0	0	0	37,137
<b>E1032 FY2014 LAUREL WOODS ELEM SCHOOL ADDITION</b> A project to expand educational program spaces Laurel Woods Elementary School.	8,023	0	0	0	0	0	8,023
<b>E1033 FY2015 PATUXENT VALLEY MIDDLE SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Patuxent Valley Middle School.	8,145	14,691	4,636	0	0	0	27,472
<b>E1034 FY2015 SWANSFIELD ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Swansfield Elementary School.	1,898	10,520	7,013	0	0	0	19,431
<b>E1035 FY2024 NEW HIGH SCHOOL #13</b> A project to construct a new high school to relieve the Northeast region.	0	0	0	0	0	0	0
	<b>662,797</b>	<b>123,192</b>	<b>135,771</b>	<b>118,109</b>	<b>144,003</b>	<b>136,837</b>	<b>1,320,709</b>



Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 EDUC-SCHOOL SYSTEM PROJECTS

Revenue Source	FISCAL 2016		FISCAL 2017		FISCAL 2018		FISCAL 2019		FISCAL 2020		Total
	Total	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
A STATE AID for SCHOOLS	181,335	0	0	0	0	0	0	0	0	0	181,335
B BONDS	379,083	123,192	135,771	118,109	144,003	136,837	1,036,995				
D DEVELOPER CONTRIBUTION	4,000	0	0	0	0	0	4,000				
P PAY AS YOU GO	4,858	0	0	0	0	0	4,858				
T TRANSFER TAX	52,598	0	0	0	0	0	52,598				
Z EDUCATION EXCISE BONDS	40,923	0	0	0	0	0	40,923				
<b>Total</b>	<b>662,797</b>	<b>123,192</b>	<b>135,771</b>	<b>118,109</b>	<b>144,003</b>	<b>136,837</b>	<b>1,320,709</b>				

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : FIRE PROJECTS and EQUIPMENT**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>F551 FY2004 BANNEKER FIRESTATION REDEVELOPMENT</b> A project for the design and construction of a new 30,000 SF fire station to replace the present obsolete Banneker Fire Station.	5	3,230	11,230	510	0	0	0	0	0	0	14,975	
<b>F5960 FY2001 FIRESTATION SYSTEMIC IMPROVEMENTS</b> An ongoing project to replace or renovate major systems, fixtures, or structures in various existing fire stations/PSTC.	4,423	0	0	0	0	0	0	0	0	0	4,423	
<b>F5962 FY2010 GLENWOOD FIRESTATION</b> A project to complete the community center service complex with a Fire/EMS station at Glenwood.	4,100	0	0	0	0	0	0	0	0	0	4,100	
<b>F5963 FY2004 EMERGENCY CONTROL SIGNAL SYSTEM</b> 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.	595	0	0	0	0	0	0	0	0	0	595	
<b>F5964 FY2012 FIRESTATION ONE RELOCATION</b> 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.	13,500	0	0	0	0	0	0	0	0	0	13,500	
<b>F5967 FY2006 ELLICOTT CITY/COLUMBIA FIRESTATION</b> A new project to acquire a 3-acre site in the vicinity of Meadow Ridge Road and MD100, and construct a 26,000 SF fire station.	857	0	0	0	0	0	0	0	0	0	857	
<b>F5968 FY2005 POND ACCESS PROGRAM</b> A project to develop new rural water source sites and perform maintenance of existing sites in the 5th District.	235	0	0	0	0	0	0	0	0	0	235	
<b>F5969 FY2006 STORAGE BUILDING</b> A new project for the design and construction of a 3,500 SF storage building for fire apparatus and equipment on existing property at Fire Station 8.	810	0	0	0	0	0	0	0	0	0	810	
<b>F5971 FY2007 NEW SAVAGE FIRE STATION</b> A project to construct a new 33,000 SF County-owned fire station operated by the Savage Volunteer Fire Company.	12,075	0	0	0	0	0	0	0	0	0	12,075	
<b>F5972 FY2008 RURAL FIRE PROTECTION PROGRAM</b> A project to provide and augment fire protection systems in rural areas within the County, outside of the Water and Sewer Planned Service Area.	6,000	1,250	1,250	0	0	0	0	0	0	0	8,500	
<b>F5973 FY2010 LOGISTICS FACILITY</b> 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.	5,715	0	0	0	0	0	0	0	0	0	5,715	
<b>F5975 FY2010 ROUTE ONE FIRE STATION</b> A project to construct a new 30,000 SF fire station at the intersection of RT1 & Port Capital Drive.	5,530	9,000	550	0	0	0	0	0	0	0	15,080	

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : FIRE PROJECTS and EQUIPMENT**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>F5981 FY2012 FIRE - RESCUE VEHICLES</b> A project to accommodate replacement schedule of existing vehicles and the addition of new units.	4,710	0	0	0	0	0	4,710
<b>F5982 FY2012 FIRE-RESCUE EQUIPMENT and FURNISHINGS</b> A project to purchase essential equipment for use by emergency personnel.	1,645	0	0	0	0	0	1,645
	<b>60,200</b>	<b>13,480</b>	<b>13,030</b>	<b>510</b>	<b>0</b>	<b>0</b>	<b>87,220</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**FIRE-FIRE PROJECTS and EQUIPMENT**

Revenue Source	Total	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	Total
		2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget		
B BONDS	39,415	12,230	11,780	510	0	0	0	63,935
G GRANTS	500	0	0	0	0	0	0	500
O OTHER SOURCES	13,560	1,250	1,250	0	0	0	0	16,060
P PAY AS YOU GO	1,045	0	0	0	0	0	0	1,045
T TRANSFER TAX	5,680	0	0	0	0	0	0	5,680
<b>Total</b>	<b>60,200</b>	<b>13,480</b>	<b>13,030</b>	<b>510</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>87,220</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : AGRICULTURAL PRESERVATION**

Project Description	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
	Total	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>G0163 AGRICULTURAL LAND PRESERVATION PROGRAM</b>	170,608	0	0	0	0	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	0	0	0	0	170,608

Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 AGPRES-AGRICULTURAL PRESERVATION

Revenue Source	FISCAL 2016		FISCAL 2017		FISCAL 2018		FISCAL 2019		FISCAL 2020		Total
	Total	Budget	Total	Budget	Total	Budget	Total	Budget	Total	Budget	
G GRANTS	78	0	0	0	0	0	0	0	0	0	78
O OTHER SOURCES	156,500	0	0	0	0	0	0	0	0	0	156,500
T TRANSFER TAX	14,030	0	0	0	0	0	0	0	0	0	14,030
<b>Total</b>	<b>170,608</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>170,608</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : HIGHWAY RESURFACING**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>H2011 FY2013 MICRO SURFACING PROGRAM</b> 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
<b>H2013 FY2006 PARKING RESURFACING PROGRAM</b> A project to provide milling and repaving for various County facilities' parking.	1,510	250	250	250	250	0	2,510
<b>H2014 FY2013 ROAD RESURFACING PROGRAM</b> A project to provide resurfacing to various County roads.	29,500	15,000	15,000	15,000	15,000	15,000	104,500
<b>H2015 FY2013 ROADWAY INFRASTRUCTURE INVENTORY AND ASSESSMENT</b> 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	200	0	200	0	0	800
<b>H2016 FY2013 STREET TREE PROGRAM</b> A program to comprehensively address the removal and replacement of street trees.	2,250	750	750	750	750	0	5,250
<b>H8904 FY2007 COMMUNITY ROAD REVITALIZATION</b> A project to upgrade streets, curbs and sidewalks in established neighborhoods.	3,725	500	500	500	500	0	5,725
	<b>40,885</b>	<b>18,200</b>	<b>18,000</b>	<b>18,200</b>	<b>18,000</b>	<b>16,500</b>	<b>129,785</b>

Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 RESURF-HIGHWAY RESURFACING

Revenue Source	FISCAL 2016 Budget	FISCAL 2017 Budget	FISCAL 2018 Budget	FISCAL 2019 Budget	FISCAL 2020 Budget	Total
B BONDS	500	0	0	0	0	500
G GRANTS	1,000	0	0	0	0	1,000
P PAY AS YOU GO	39,385	18,200	18,000	18,200	16,500	128,285
<b>Total</b>	<b>40,885</b>	<b>18,200</b>	<b>18,000</b>	<b>18,200</b>	<b>16,500</b>	<b>129,785</b>



**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : ROAD CONSTRUCTION PROJECTS**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>J4076 DEFAULTED DEVELOPER AGREEMENTS</b> An appropriation is requested under this project to construct roads, stormwater management, storm drains, 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
<b>J4099 CATEGORY CONTINGENCY FUND</b> 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
<b>J4110 FY1991 DORSEY RUN ROAD - SOUTH LINK</b> 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.	7,937	0	0	0	0	0	7,937
<b>J4121 PRIVATE ROAD RECONSTRUCTION PROGRAM</b> 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
<b>J4136 FY1994 MARSHALEE DRIVE IMPROVEMENTS</b> This project is to fund the County's share of the design and construction of Marshalee Drive to a minor arterial standard from relocated Montgomery Road (near MD103) to Montgomery Road (near Marshalee Woods) including the intersection with existing Montgomery Road.	4,388	0	0	0	0	0	4,388
<b>J4142 FY1998 HALL SHOP ROAD IMPROVEMENTS</b> Reconstruct Hall Shop Road (a major collector) at two locations to improve sight distance and eliminate a sharp curve.	842	1,400	0	0	0	0	2,242
<b>J4148 FY2000 DORSEY RUN ROAD EXTENSION</b> This project is for the extension of Dorsey Run Road from MD103 to MD175, a total of approximately 3 miles.	33,730	0	0	0	0	0	33,730
<b>J4154 FY1998 RETAINING WALL REPLACEMENTS</b> A Countywide project for the design and construction of replacement or rehabilitated retaining walls.	2,344	0	0	0	0	0	2,344
<b>J4155 FY2012 MARRIOTTVILLE RD SAFETY IMPROVEMENTS</b> Reconstruct shoulders and place guardrails at numerous locations along 2.	225	250	2,150	0	0	0	2,625
<b>J4157 FY2008 MINSTREL WAY EXTENDED</b> A project for the extension of Minstrel Way from Snowden River Parkway to Gerwig Lane.	475	0	0	0	0	0	475
<b>J4163 FY1999 ENGINEERING STUDY PROGRAM</b> A project for engineering roads to conform with the Plan Howard 2030 Highways Map, to evaluate realignment schemes and to support the transportation and safety needs of the County.	260	0	0	0	0	0	260

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : ROAD CONSTRUCTION PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>J4164 FY1997 ROADWAY CAPACITY IMPROVEMENTS</b> A project to provide increased capacity and safety of various County roads and intersections.	8,221	0	0	0	0	0	8,221
<b>J4167 FY2010 SNOWDEN RIVER/BROKEN LAND INTERSECT</b> 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.	250	0	0	0	0	0	250
<b>J4168 FY1998 ROADWAY REHABILITATION/SAFETY PROGRAM</b> 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
<b>J4170 FY2004 ROGER'S AVENUE IMPROVEMENTS</b> A project for design and construction of approximately 1,500 LF of Rogers Avenue from existing improvements near US40 to Court House Drive.	3,515	0	0	0	0	0	3,515
<b>J4173 FY2000 HANOVER ROAD IMPROVEMENTS</b> A project for the study, design and reconstruction of the Hanover Road at High Tech Road intersection.	650	0	1,135	0	0	0	1,785
<b>J4177 FY2001 STATE ROAD CONSTRUCTION</b> 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	0	0	0	0	0	21,765
<b>J4178 FY2001 COUNTY / STATE NOISE ABATEMENT</b> A program with SHA for the construction of noise reduction sound walls to shield sections of residential communities.	7,000	0	0	0	0	0	7,000
<b>J4181 FY2003 GUILFORD RD (US1 to DORSEY RUN RD)</b> 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	16,720	0	0	0	18,595
<b>J4182 FY2002 DORSEY RUN ROAD IMPROVEMENTS</b> 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.	4,500	0	0	8,800	0	0	13,300
<b>J4202 FY2004 STEPHENS ROAD IMPROVEMENTS</b> 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
<b>J4204 FY2005 US 29 IMPROVEMENTS</b> A project for cost sharing of improvements to US29 northbound between MD175 and Middle Patuxent River.	2,050	0	0	0	0	0	2,050
<b>J4205 FY2006 MARRIOTTSVILLE ROAD IMPROVEMENTS</b> 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
<b>J4206 FY2007 MONTEVIDEO ROAD IMPROVEMENTS</b> A project to improve Montevideo Road as detailed in the Montevideo Road Study.	9,355	0	4,420	0	0	0	13,775

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : ROAD CONSTRUCTION PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>J4207 FY2009 OAKLAND MILLS ROAD IMPROVEMENTS</b> A project to improve Oakland Mills Road from Guilford Road northward to Carters Lane.	6,100	0	0	0	0	0	6,100
<b>J4208 FY2006 WATERSVILLE ROAD SLOPE RECONSTRUCTION</b> A project to stabilize/reconstruct the slope that supports the roadbed of Watersville Road.	510	0	0	0	0	0	510
<b>J4209 FY2006 BONNIE BRANCH RD SLOPE STABILIZATION</b> A project to stabilize/reconstruct the slope that supports the roadbed of Bonnie Branch Road.	1,025	0	0	0	0	0	1,025
<b>J4211 FY2007 ROADWAY CAPACITY IMPROVEMENTS</b> A project to provide increased capacity and safety on various County roads and intersections.	1,375	650	0	650	0	0	2,675
<b>J4212 FY2007 STATE ROAD CONSTRUCTION</b> A project for cost sharing of new State roadway construction within Howard County that is consistent with the objectives of the Plan Howard 2030.	24,750	0	0	0	0	0	24,750
<b>J4213 FY2007 COLLEGE AVENUE SLOPE STABILIZATION</b> A project to stabilize/reconstruct the slope that supports the roadbed in the vicinity of 3961 College Avenue.	835	0	0	0	0	0	835
<b>J4214 FY2007 GUILFORD AT VOLLMERHAUSEN IMPROVEMENTS</b> 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.	3,420	0	0	0	0	0	3,420
<b>J4215 FY2007 MARRIOTTVILLE ROAD from US40 to MD144</b> Realignment and shoulder improvements to Marriottsville Road from US40 to MD144.	3,800	2,200	0	0	0	0	6,000
<b>J4217 FY2007 TOWER DRIVE DRAINAGE AND SIDEWALKS</b> A project to design and construct improved drainage along Tower Drive.	545	0	0	0	0	0	545
<b>J4219 FY2015 ENGINEERING STUDY PROGRAM</b> A project for engineering roads to conform with the Plan Howard 2030 Highways Map to evaluate realignment schemes to support the transportation and safety needs of the County.	150	100	50	50	50	0	400
<b>J4220 FY2014 DEVELOPER/COUNTY SHARED IMPROVEMENTS</b> A project to facilitate the design, land acquisition and construction of roadway modifications and their appurtenances at various intersections or roadway segments.	600	150	150	150	150	0	1,200
<b>J4222 FY2008 SNOWDEN RIVER PARKWAY WIDENING BROKENLAND TO OAKLAND MILLS</b> 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 Rd.	2,925	9,350	0	0	0	0	12,275

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : ROAD CONSTRUCTION PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>J4224 FY2008 GATEWAY at ROBERT FULTON INTERSECTION IMP</b> A project to design and reconstruct the intersection of Gateway Drive and Robert Fulton Drive to improve the capacity.	325	0	0	0	0	0	325
<b>J4225 FY2008 ELLICOTT CENTER DR CONNECTION to ROGERS Ave.</b> A project to design and construct a road to connect Ellicott Center Drive to Rogers Ave.	2,060	0	0	0	0	0	2,060
<b>J4226 FY2008 ROAD PROJECTS CONTINGENCY FUND</b> A project to provide funds for unanticipated needs related to bridges and roadways.	1,800	0	200	0	200	0	2,200
<b>J4228 FY2008 ILCHESTER and LANDING ROAD INTERSECT</b> 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.	790	0	0	0	0	0	790
<b>J4229 FY2008 WHISKEY BOTTOM ROAD IMPROVEMENTS</b> A project to design and construct improvements to Whiskey Bottom Road from US1 to the Anne Arundel County Line.	620	0	0	0	0	0	620
<b>J4230 FY2017 SANNER ROAD IMPROVEMENTS</b> A project to provide bicycle compatibility by widening the existing 10 feet lanes to 12 feet and filling in the missing shoulders along both sides of the road.	0	0	150	55	725	0	930
<b>J4231 FY2013 ELKCRIDGE MAIN STREET IMPROVEMENTS</b> 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
<b>J4234 FY2010 SNOWDEN RIVER PARKWAY IMPROVEMENTS</b> A project to add a third lane to Snowden River Parkway, in each direction, from Oakland Mills Road to MD108.	200	0	0	0	0	0	200
<b>J4237 FY2010 MD175/OAKLAND MILLS ROAD INTERCHANGE</b> 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.	13,000	13,400	0	0	0	0	26,400
<b>J4238 FY2018 AUTUMN GRAIN GATE</b> A project to bring Autumn Grain Gate into the public road system network.	0	0	0	100	20	200	320
<b>J4239 FY2014 OLD ROXBURY ROAD</b> A project to design and construct improvements to Old Roxbury Road.	175	75	660	0	0	0	910
<b>J4240 ROADWAY REHABILITATION/SAFETY PROGRAM</b> A project to correct safety or structural problems on existing roads.	0	150	350	350	250	250	1,450
<b>J4241 FY2011 US RT 1 RT 175 to MONTEVIDEO ROAD</b> A project for the design and reconstruction of approximately 2,500 feet of US1 from MD175 to Montevideo Road.	5,500	12,100	0	0	0	0	17,600
<b>J4242 FY2014 BRIGHTON DAM ROAD at HIGHLAND ROAD ROUNDABOUT</b> 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

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : ROAD CONSTRUCTION PROJECTS**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>J4243 FY2016 McNEAL ROAD</b> Construction of a public access road.	0	300	300	900	0	0	0	0	0	0	0	1,500
<b>J4244 FY2015 BUSINESS PARKWAY-BLUESTREAM DRIVE EMERGENCY ACCESS</b> A project to design and construct a connection between Business Parkway and Bluestream Drive to act as an emergency access or exit.	45	130	0	0	0	0	0	0	0	0	0	175
<b>J4711 FY2011 DEVELOPER INSPECTION PROGRAM</b> 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.	8,000	0	0	0	0	0	0	0	0	0	0	8,000
	<b>217,668</b>	<b>40,430</b>	<b>48,260</b>	<b>11,055</b>	<b>1,495</b>	<b>450</b>	<b>319,358</b>					

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**ROAD-ROAD CONSTRUCTION PROJECTS**

Revenue Source	Total	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	Total
		2016	2017	2018	2019	2020	Budget	
		Budget	Budget	Budget	Budget	Budget	Budget	
B BONDS	25,687	2,530	5,360	1,455	1,245	450		36,727
D DEVELOPER CONTRIBUTION	21,615	125	75	125	75	0		22,015
E EXCISE TAX	20,972	0	0	0	0	0		20,972
G GRANTS	1,230	0	0	0	0	0		1,230
O OTHER SOURCES	1,549	0	0	0	0	0		1,549
P PAY AS YOU GO	1,118	100	50	50	50	0		1,368
X EXCISE TAX BACKED BONDS	145,497	37,675	42,675	9,425	25	0		235,297
Z EDUCATION EXCISE BONDS	0	0	100	0	100	0		200
<b>Total</b>	<b>217,668</b>	<b>40,430</b>	<b>48,260</b>	<b>11,055</b>	<b>1,495</b>	<b>450</b>		<b>319,358</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SIDEWALKS**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>K5034 FY2001 HUNT CLUB SIDEWALK</b> A project to construct approximately 4,000 LF of sidewalk along Hunt Club Road from US1 to Bauman Drive.	595	200	0	0	0	0	795
<b>K5035 FY1998 SCHOOL ROUTE PATHWAYS or SIDEWALKS</b> This project is for the installation of sidewalks and/or pathways to provide for improved routes for school children.	288	300	300	0	0	0	888
<b>K5036 FY1998 ROUTINE SIDEWALK / WALKWAY EXTENSIONS</b> A project to design and construct routine sidewalk and walkway extensions up to about 1,000 feet in length.	520	150	0	150	0	0	820
<b>K5038 FY1999 SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	1,505	0	0	0	0	0	1,505
<b>K5040 FY2005 GUILFORD RD PEDESTRIAN/BIKE IMPROVE</b> A project for the design and construction of sidewalk on one or both sides of Guilford Road between Oakland Mills Road and US1.	725	700	70	400	80	430	2,405
<b>K5043 SIDEWALK REPAIR PROGRAM</b> This project is for the repair of deteriorated sidewalks and driveway aprons that are in the public rights-of-way.	4,170	625	625	625	625	625	7,295
<b>K5052 FY2018 LONG GATE SIDEWALK</b> The project is for the reconstruction of approximately 1,500 LF concrete curb storm drain inlets and sidewalk along Long Gate Parkway, including the bridge over MD100.	0	0	0	75	0	250	325
<b>K5054 FY2003 ROADSIDE IMPROVEMENT PROGRAM</b> 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	370	370	370	370	0	5,195
<b>K5061 FY2007 PEDESTRIAN PLAN PROJECTS</b> A project for the ongoing evaluation, design and construction of pedestrian improvements listed in the Howard County Pedestrian Master Plan.	2,427	655	655	655	0	0	4,392
<b>K5062 FY2009 STATE ROADS SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	100	100	100	100	100	100	600
<b>K5063 FY2017 NORTH LAUREL ROAD SIDEWALK</b> A project for the design and construction of a sidewalk along the southwest side of North Laurel Road from Linville Ave to US1.	0	0	75	25	120	0	220
<b>K5064 FY2017 MISSION ROAD SIDEWALK</b> A project to install sidewalk along parts of Mission Road.	0	0	75	210	0	0	285
<b>K5065 FY2018 DONCASTER DRIVE SIDEWALK</b> A project to construct approximately 1,200 LF of sidewalk along Doncaster Drive from Roundhill Road to Hale Haven Road.	0	0	0	50	60	0	110

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SIDEWALKS**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>K5066 FY2014 BICYCLE PLAN PROJECTS</b>							
A project for the implementation of the comprehensive Howard County Bicycle Master Plan.	1,600	500	600	600	0	0	3,300
	<b>15,645</b>	<b>3,600</b>	<b>2,870</b>	<b>3,260</b>	<b>1,355</b>	<b>1,405</b>	<b>28,135</b>



**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**SIDE-SIDEWALKS**

Revenue Source	Total	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	Total
		2016	2017	2018	2019	2020	Budget	Budget	
B BONDS	7,202	2,390	1,695	2,065	220	730			14,302
D DEVELOPER CONTRIBUTION	695	0	100	100	0	0			895
G GRANTS	1,650	215	50	50	50	50			2,065
O OTHER SOURCES	481	35	35	35	35	35			656
P PAY AS YOU GO	5,617	960	990	1,010	1,050	590			10,217
<b>Total</b>	<b>15,645</b>	<b>3,600</b>	<b>2,870</b>	<b>3,260</b>	<b>1,355</b>	<b>1,405</b>			<b>28,135</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : LIBRARY PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>L0012 FY2007 MILLER BRANCH/HISTORICAL CENTER</b> 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.	27,945	0	0	0	0	0	27,945
<b>L0014 FY2011 MILLER BRANCH PHASE II: LIBRARY SPACE CONVERSION</b> This project repurposes the obsolete Howard County Library, Miller Branch into consolidated HCL business offices (23,000sf).	8,521	0	0	0	0	0	8,521
<b>L0015 FY2008 ELKRIDGE BRANCH/SENIOR CENTER</b> A project to provide additional required public library & senior center space in the RT1 Corridor of Elkridge.	22,200	3,905	0	0	0	0	26,105
<b>L0016 FY2012 RENOVATE CENTRAL &amp; EAST COLUMBIA BRANCHES</b> 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.	2,925	0	0	0	0	0	2,925
<b>L0017 FY2008 SAVAGE BRANCH</b> A project to provide additional required public library space in the RT1 Corridor of North Laurel.	6,075	0	0	0	0	0	6,075
	<b>67,666</b>	<b>3,905</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>71,571</b>

Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 LIBRA-LIBRARY PROJECTS

Revenue Source	Total	FISCAL 2016 Budget	FISCAL 2017 Budget	FISCAL 2018 Budget	FISCAL 2019 Budget	FISCAL 2020 Budget	Total
B BONDS	58,648	3,905	0	0	0	0	62,553
G GRANTS	5,353	0	0	0	0	0	5,353
O OTHER SOURCES	665	0	0	0	0	0	665
P PAY AS YOU GO	3,000	0	0	0	0	0	3,000
<b>Total</b>	<b>67,666</b>	<b>3,905</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>71,571</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : HOWARD COMMUNITY COLLEGE**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>M0526 FY1996 CAMPUS PARKING</b> Expand on-site parking by adding new lots and parking decks as necessary that will maximize the use, layout and accessibility of the existing campus.	15,167	0	0	0	0	0	15,167
<b>M0532 FY2010 ALLIED HEALTH INSTRUCTIONAL BUILDING</b> The design and construction of a health sciences building of approximately 112,692 GSF and 67,036 NASF.	50,707	0	0	0	0	0	50,707
<b>M0536 FY2015 NURSING and ST BUILDING RENOVATIONS</b> Renovate the Nursing Building and ST Building of approximately 101,000 GSF following the move of health sciences programs and science, engineering and technology programs into their new buildings.	1,532	19,138	17,410	3,200	0	0	41,280
<b>M0539 FY2018 MATHEMATICS BUILDING</b> The purpose of this project is to design and construct a new mathematics building of approximately 71,000 GSF.	0	0	0	2,320	21,200	2,200	25,720
<b>M0540 FY2008 SAFETY COMPLIANCE and FACILITY RENEWALS</b> This project will provide campuswide improvements and modifications to address safety, compliance, and facility renewals in accordance with accepted county and state codes.	11,585	3,210	2,211	2,413	1,219	1,775	22,413
<b>M0542 FY2016 CAMPUS ROADWAYS and PARKING</b> Provide required modifications to campus roadways and parking to accommodate necessary changes to vehicular and pedestrian traffic patterns.	8,683	19,877	0	650	2,100	1,120	32,430
<b>M0543 FY2012 SCIENCE ENGINEERING and TECHNOLOGY BLDG</b> Design and construct a science, engineering, and technology building of approximately 145,942 GSF.	24,060	23,862	26,094	0	0	0	74,016
<b>M0545 FY2017 MAINTENANCE BUILDING</b> The purpose of this project is to obtain a maintenance building to support plant operations and facilities.	0	0	1,280	12,460	1,100	0	14,840
<b>M0546 FY2019 ATHLETIC and FITNESS CENTER</b> Construct a new athletic and fitness center of approximately 110,000 GSF to replace the existing facility constructed in 1969.	0	0	0	0	4,200	19,600	23,800
<b>M0547 FY2020 CONTINUING EDUCATION BUILDING</b> 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	2,360	2,360
<b>M0548 FY2021 ENGLISH and WORLD LANGUAGES BUILDING</b> Construct a new facility of approximately 60,000 GSF to accommodate the English and world languages division.	0	0	0	0	0	0	0

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : HOWARD COMMUNITY COLLEGE**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>M0549 FY2022 STUDENT LIFE BUILDING</b> Construct a new student life building of approximately 60,000 GSF to serve the student life and student club activities at the college.	0	0	0	0	0	0	0
	111,734	66,087	46,995	21,043	29,819	27,055	302,733

Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 HCC-HOWARD COMMUNITY COLLEGE

Revenue Source	Total	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	Total
		2016	2017	2018	2019	2020	Budget	
		Budget	Budget	Budget	Budget	Budget	Budget	
B BONDS	57,677	37,107	24,603	12,053	16,569	14,415		162,424
G GRANTS	38,890	21,500	22,392	8,990	13,250	12,640		117,662
O OTHER SOURCES	15,167	7,480	0	0	0	0		22,647
<b>Total</b>	<b>111,734</b>	<b>66,087</b>	<b>46,995</b>	<b>21,043</b>	<b>29,819</b>	<b>27,055</b>		<b>302,733</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : PARKS PROJECTS**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>N3102 FY2000 BLANDAIR REGIONAL PARK</b> 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.	29,073	9,700	6,100	5,500	3,000	0	53,373
<b>N3103 FY2000 PARKLAND ACQUISITION PROGRAM</b> This project establishes a fund for County-wide park land acquisition and related expenses.	23,033	630	630	630	630	0	25,553
<b>N3105 FY1995 MEADOWBROOK PARK</b> A project to master plan, design, and develop an 84-acre park located southeast of MD100/US29.	8,473	0	0	0	0	0	8,473
<b>N3107 FY2000 ROCKBURN BRANCH PARK</b> A project to provide additional improvements at Rockburn Park to include the Clover Hill Historic Site, a maintenance building, synthetic turf fields, parking, field and court lighting, a restroom and utility extensions.	5,779	0	0	1,050	0	0	6,829
<b>N3108 FY2004 PARK SYSTEMIC IMPROVEMENTS</b> 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.	19,501	4,100	1,250	500	500	0	25,851
<b>N3109 FY2004 PARKS RESURFACING PROGRAM</b> A project to fund roadway, pathway, trails, parking lot, playground and game court resurfacing, replacement and additions within the County's park system.	5,440	750	750	500	500	0	7,940
<b>N3932 FY2000 WESTERN REGIONAL PARK</b> A project to design and construct a 160-acre regional park located northwest of the intersection of Carrs Mill Road and MD97.	18,161	0	300	2,600	0	0	21,061
<b>N3940 FY2000 NORTH LAUREL PARK</b> A project to design and construct a 51-acre park and outdoor swimming pool lying northeast of North Laurel Road and Washington Avenue.	6,526	0	4,000	0	0	0	10,526
<b>N3947 FY1999 NEIGHBORHOOD PLAYGROUND PROGRAM</b> This project will develop neighborhood playground facilities on County parkland or open space throughout the County where community need has been demonstrated.	228	0	0	0	0	0	228
<b>N3953 FY2000 CENTENNIAL LAKE RESTORATION</b> A project to design and construct improvements to Centennial Lake to include dredging, artificial aeration, and shoreline stabilization.	687	6,000	0	0	0	0	6,687
<b>N3957 FY2003 TROY PARK &amp; HISTORIC REHABILITATION</b> A project to acquire an additional 5 acres, rehabilitate an 1820 historic house, and design and construct a 106 acre Regional Park at MD100 and US1.	22,543	20,300	3,000	0	0	0	45,843

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : PARKS PROJECTS**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget		
<b>N3958 FY2003 HISTORIC STRUCTURES REHABILITATION</b> This project creates a fund for the preservation and rehabilitation of historic properties under the management of the Department of Recreation and Parks.	5,498	1,000	500	500	500	500	0	500	0	0	7,998	
<b>N3959 FY2005 PATAPSCO FEMALE INSTITUTE SITE WORK</b> 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	0	0	0	0	1,537	
<b>N3960 FY2006 ROBINSON PROPERTY NATURE CENTER</b> 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.	17,303	0	0	0	0	0	0	0	0	0	17,303	
<b>N3962 FY2008 CENTENNIAL PARK IMPROVEMENTS</b> 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, pier and boat ramp upgrades, shop/office addition, boat rental expansion, pavilion and restroom upgrades, stage renovations, roadway/parking repairs and upgrades, court renovations, pathway and seating area renovation, and new signage.	614	0	0	0	300	1,500	0	0	0	0	2,414	
<b>N3963 FY2009 PATHWAY and TRAIL REHAB and EXPANSION</b> A project to rehabilitate and expand the existing Pathway and Trail System throughout the County.	900	1,100	0	0	0	0	0	0	0	0	2,000	
<b>N3964 FY2007 ALPHA RIDGE PARK ADDITIONS</b> A project to design and construct a restroom, a lighted pavilion over the existing roller hockey rink, parking expansion, a pathway and parking lot courtesy lights within Alpha Ridge Park located on RT99 just east of Sand Hill Road.	670	0	0	0	0	0	0	0	0	0	670	
<b>N3965 FY2007 MIDDLE PATUXENT IMPROVEMENTS</b> 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.	1,270	0	0	0	0	0	0	0	0	0	1,270	
<b>N3967 FY2007 SOUTH BRANCH PARK</b> A project to design and construct a seven-acre park located at Old West Friendship Road and the Patapsco River just south of Sykesville.	760	1,000	0	0	0	0	0	0	0	0	1,760	
<b>N3968 FY2007 CEDAR LANE ATHLETIC FIELD IMPROVEMENTS</b> A project to upgrade the athletic field lighting and fencing at Cedar Lane Park located at MD108 and Cedar Lane.	2,253	0	0	0	0	0	0	0	0	0	2,253	
<b>N3969 FY2019 HAMMOND PARK RESTROOM</b> A project to design and construct a restroom within the existing Hammond Community Park located at the end of Glen Hannah Drive.	0	0	0	0	0	0	0	60	435	0	495	
<b>N3970 FY2008 RECREATION and PARKS HEADQUARTERS EXPAN</b> 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	0	225	2,672	0	3,015	



**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : PARKS PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>N3971 FY2009 FOREST CONSERVATION MITIGATION EASEMENT PGM</b> 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
<b>N3972 FY2011 DEFAULTED FOREST CONSERVATION and LANDSCAPING</b> 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.	460	0	0	0	0	0	460
<b>N3973 FY2014 EAST COLUMBIA LIBRARY ATHLETIC FIELD and SITE IMPROVEMENTS</b> A project to upgrade the athletic fields at East Columbia Library, located off of Cradlerock in Columbia.	3,700	0	0	0	0	0	3,700
	<b>177,627</b>	<b>44,580</b>	<b>16,530</b>	<b>11,580</b>	<b>6,915</b>	<b>3,107</b>	<b>260,339</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**PARKS-PARKS PROJECTS**

Revenue Source	Total	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	Total
		2016	2017	2018	2019	2020	Budget	
B BONDS	82,443	41,000	13,250	9,050	4,685	3,107		153,535
D DEVELOPER CONTRIBUTION	504	0	0	0	0	0		504
G GRANTS	44,092	1,000	900	900	900	0		47,792
O OTHER SOURCES	9,124	30	30	30	30	0		9,244
P PAY AS YOU GO	2,176	0	0	0	0	0		2,176
T TRANSFER TAX	39,288	2,550	2,350	1,600	1,300	0		47,088
<b>Total</b>	<b>177,627</b>	<b>44,580</b>	<b>16,530</b>	<b>11,580</b>	<b>6,915</b>	<b>3,107</b>		<b>260,339</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : POLICE PROJECTS**

Project Description	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
	Budget	Budget	Budget	Budget	Budget	
<b>P4920 FY2001 MOBILE DATA POLICE COMPUTERS</b> Project for the purchase, installation and support of mobile computers for police operations in the field.	4,500	0	0	0	0	4,500
<b>P4922 FY2006 SPECIALTY VEHICLE STORAGE BLDG</b> A project for the design and construction of a large vehicle storage building on the grounds of the Public Safety Complex on Scaggsville Road, and two smaller flare storage buildings.	1,655	0	0	0	0	1,655
<b>P4926 FY2009 CHILD ADVOCACY CENTER</b> 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	1,000	4,570	500	0	7,095
<b>P4927 FY2009 CRIMINAL INVESTIGATIONS BUREAU BLDG/WARFIELD ADDITION</b> A project for the construction of new Criminal Investigations space & space for relocation of Police forces from the Gateway Bldg, as an addition to the present Northern District Police Station.	0	1,645	650	0	0	11,565
<b>P4928 FY2015 NEW/THIRD POLICE STATION</b> Construct a third fully staffed 24-hour operation Police Station.	100	200	1,530	13,515	800	19,300
	<b>6,255</b>	<b>2,845</b>	<b>6,750</b>	<b>14,015</b>	<b>800</b>	<b>44,115</b>

Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 POLICE-POLICE PROJECTS

Revenue Source	Total	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	Total
		2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget		
B BONDS	1,755	2,845	13,450	6,750	14,015	800		39,615
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
<b>Total</b>	<b>6,255</b>	<b>2,845</b>	<b>13,450</b>	<b>6,750</b>	<b>14,015</b>	<b>800</b>		<b>44,115</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SEWER PROJECTS**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>S6175 FY2001 LITTLE PATUXENT WATER/WASTEWATER PARALLEL SEWER</b> A project for the study, design and construction of the Little Patuxent Parallel Sewer.	53,230	0	0	0	0	0	53,230
<b>S6189 FY2001 N LAUREL PUMP STATION</b> A project for the design and replacement of the North Laurel Wastewater Pump Station to increase the pumping capacity of the station to meet projected wastewater flows.	9,130	0	0	0	0	0	9,130
<b>S6214 SEWER CONTINGENCY FUND</b> 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
<b>S6232 FY2001 SEWER CORROSION CORRECTION PROGRAM</b> A project to televise sewer pipes in the County's sanitary sewer system for evidence of corrosion.	9,935	510	510	510	510	0	11,975
<b>S6237 FY2001 PATAPSCO CONVEY/TREAT FACILITIES</b> 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
<b>S6249 DEFAULTED DEVELOPER AGREEMENTS</b> 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
<b>S6250 FY2004 PATAPSCO SERVICE AREA ASSESSMENT</b> A project for the study and evaluation of the Patapsco sewer service area from the Daniels area to the Deep Run.	1,780	0	0	0	0	0	1,780
<b>S6260 FY2007 ROCKBURN HILL ROAD SEWER</b> A project to provide sewer service to properties along Rockburn Hill Road.	4,025	0	0	0	0	0	4,025
<b>S6264 FY2008 LPWRP CAPITAL REPAIRS</b> 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.	23,588	2,675	2,160	2,160	0	0	30,583
<b>S6268 FY2008 PIPELINE REHABILITATION PROGRAM</b> A project to protect and stabilize sewers and water mains in areas where stream and soil erosion have compromised the integrity of the system.	4,830	650	650	650	0	0	6,780
<b>S6269 FY2009 ASHLEIGH KNOLLS SHARED SEWAGE DISP FAC UPGD</b> 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.	824	0	0	0	0	0	824

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SEWER PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>S6271 FY2010 DEEP RUN INTERCEPTOR IMPROVEMENTS</b> A project for the design and construction of 1,400 LF of replacement sewer, a third 150-foot 18-inch siphon and junction chambers on the Deep Run Interceptor in the vicinity of the Patapsco River.	1,660	0	0	0	0	0	1,660
<b>S6273 FY2011 LITTLE PATUXENT INTERCEPTOR IMPROVEMENTS</b> 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
<b>S6274 FY2015 UPPER LITTLE PATUXENT PARALLEL SEWER</b> A project for the design and construction of 2,500 LF of parallel sewer, adjacent to the Little Patuxent Interceptor Sewer, north of MD108.	400	1,600	0	0	0	0	2,000
<b>S6275 FY2012 DANIELS AREA PUMPING STATION</b> 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.	1,800	0	0	0	0	0	1,800
<b>S6276 FY2011 SEWER CLEANING MAPPING AND TELEVISION INSPECTION MAINTENANCE</b> Develop a Sewer Manhole and Line Segment Inspection and Cleaning Program that will include all County owned water sewer lines within the collection system.	4,417	973	973	973	0	0	7,336
<b>S6277 FY2014 OLD FREDERICK ROAD SEWER</b> A project for the design and construction of 750 LF sewer in Old Frederick Road north of Howard Run Drive to serve 6 properties on Old Frederick Road.	230	0	0	0	0	0	230
<b>S6279 FY2013 MEADOWRIDGE FORCE MAIN REPLACEMENT</b> 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.	1,250	0	0	0	0	0	1,250
<b>S6280 FY2013 HAMMOND/PATUXENT INTERCEPTOR IMPROVEMENTS</b> A project for the study, design and construction of 20,000 feet of parallel sewer in the Hammond Branch and Patuxent sewer drainage areas.	2,950	2,750	0	0	650	700	7,050
<b>S6281 FY2013 DORSEY/GUILFORD INTERCEPTOR IMPROVEMENTS</b> 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.	1,505	55	0	0	1,790	5,005	8,355
<b>S6282 FY2013 BONNIE BRANCH/ROCKBURN INTERCEPTOR IMPROVEMENTS</b> A project for the design and construction of 5,700 feet of parallel sewer in the Bonnie Branch sewer drainage area and the re-commissioning and upgrade of the Kerger Road Pumping Station and force main.	3,370	1,955	0	0	0	0	5,325
<b>S6283 FY2013 TIBER/SUCKER BRANCH INTERCEPTOR IMPROVEMENTS</b> A project for the design and construction of 18,000 feet of parallel sewer in the Tiber Branch and Sucker Branch sewer drainage areas.	2,915	3,360	2,610	315	105	0	9,305
<b>S6284 FY2013 DEEP RUN/SALLOW RUN INTERCEPTOR IMPROVEMENTS</b> A project for the design and construction of 39,000 feet of parallel sewer in the Deep Run and Shallow Run sewer drainage areas.	4,205	6,310	5,110	2,505	2,080	0	20,210

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SEWER PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>S6285 FY2016 MD108 PUMP STATION OUTFALL IMPROVEMENTS</b> 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.	0	115	685	500	0	0	1,300
<b>S6286 FY2013 DORSEY RUN PUMP STATION UPGRADE</b> A project to upgrade and increase the pumping capacity of the Dorsey Run Pumping Station.	4,567	0	0	0	0	0	4,567
<b>S6287 FY2021 NORTH LAUREL PUMP STATION PARALLEL FORCE MAIN</b> 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.	0	0	0	0	0	0	0
<b>S6288 FY2020 ROCKBURN PUMPING STATION UPGRADE</b> A project to upgrade and increase the pumping capacity of the Rockburn Pumping Station.	0	0	0	0	0	330	330
<b>S6289 FY2014 PARK AVENUE SEWER EXTENSION</b> A project for the design and construction of 350 LF of 8-inch sewer to serve three properties on Park Avenue in Ellicott City.	225	0	0	0	0	0	225
<b>S6290 FY2014 SAVAGE AREA SEWER STUDY and REALIGNMENT</b> 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.	1,200	0	0	0	0	0	1,200
<b>S6291 FY2014 MD ROUTE 99 SEWER EXTENSION</b> A project for the design and construction of 250 LF of sewer to serve one property located on MD Route 99.	90	0	0	0	0	0	90
<b>S6292 FY2015 OLD FREDERICK ROAD SEWER</b> A project for the design and construction of 900 LF of sewer to serve four properties located on Old Frederick Road.	300	0	0	0	0	0	300
<b>S6293 FY2015 TURF VALLEY ROAD SEWER</b> A project for the design and construction of 2,000 LF of sewer to serve three properties located on US40.	700	0	0	0	0	0	700
<b>S6294 FY2015 ANNAPOLIS JUNCTION PUMPING STATION RENOVATION</b> A project for the renovation of the Annapolis Junction Pumping Station.	275	0	0	0	0	0	275
<b>S6698 ROUTINE SEWER EXTENSION PROGRAM</b> A project to design and construct routine sewer main extensions in the Metropolitan District requested by landowners.	3,625	625	625	625	625	625	6,750
<b>S6699 ON SITE SEPTIC SYSTEM CONVERSION PROGRAM</b> 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.	3,000	3,000	3,000	3,000	3,000	3,000	18,000

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SEWER PROJECTS**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
		Budget		Budget		Budget		Budget		Budget		
<b>S6711 FY2011 DEVELOPER INSPECTION PROGRAM</b> 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.	6,000	0	0	0	0	0	0	0	0	0	0	6,000
<b>S6812 FY2012 ADV DEPOSIT LARGE HSE CONNECTIONS</b> 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 inch and larger, short main extensions, or other appurtenances.	150	0	0	0	0	0	0	0	0	0	0	150
<b>S6862 FY2012 SEWER HOUSE CONNECTIONS</b> A project to provide for the construction of sewer house connections by the Bureau of Utilities for residential sizes 4 and 6 inch.	150	0	0	0	0	0	0	0	0	0	0	150
<b>S6950 DEVELOPER CONSTRUCTED HOUSE CONNECTIONS</b> 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	0	0	0	0	0	180
<b>S6960 FY2015 DEVELOPER CONSTRUCTED MAJOR FACILITIES</b> 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	0	0	0	0	0	3,000
	<b>297,706</b>	<b>29,578</b>	<b>18,323</b>	<b>11,238</b>	<b>8,760</b>	<b>9,660</b>	<b>375,265</b>					



**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**SEWER-SEWER PROJECTS**

Revenue Source	Total	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	Total
		2016	2017	2018	2019	2020	Budget	
		Budget	Budget	Budget	Budget	Budget	Budget	
B BONDS	662	0	0	0	0	0	0	662
C UTILITY CASH	51,625	3,835	3,320	3,320	510	0	0	62,610
D DEVELOPER CONTRIBUTION	8,050	0	0	0	0	0	0	8,050
G GRANTS	10,000	0	0	0	0	0	0	10,000
I IN-AID of CONSTRUCT UTILITIES	14,746	973	973	973	0	0	0	17,665
M METRO DISTRICT BOND	183,150	24,770	14,030	6,945	8,250	9,660	9,660	246,805
O OTHER SOURCES	5,375	0	0	0	0	0	0	5,375
P PAY AS YOU GO	162	0	0	0	0	0	0	162
W WATER QUALITY State Bond Loan	23,936	0	0	0	0	0	0	23,936
<b>Total</b>	<b>297,706</b>	<b>29,578</b>	<b>18,323</b>	<b>11,238</b>	<b>8,760</b>	<b>9,660</b>	<b>9,660</b>	<b>375,265</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : TRAFFIC IMPROVEMENTS**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>T7087 FY1999 STREET LIGHT SETBACK SAFETY PROGRAM</b> A program to provide safety improvements along arterial roadways in Columbia by setting back and upgrading all existing street lights.	600	0	0	0	0	0	600
<b>T7088 FY2001 SCHOOL CROSSWALK IMPROVEMENTS</b> 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.	1,193	50	50	50	50	50	1,443
<b>T7089 FY2005 RESIDENTIAL TRAFFIC CALMING</b> A project to construct geometric roadway changes to reduce traffic speeding in residential areas.	1,210	100	100	100	0	0	1,510
<b>T7094 FY2007 STREET LIGHTING PROGRAM</b> This project is for the installation of new street lights in existing communities and commercial/industrial areas, and the conversion of existing post-top style street lights to high pressure sodium vapor fixtures.	2,075	415	215	0	0	0	2,705
<b>T7101 FY2008 STATE/COUNTY SHARED INTERSECTIONS</b> A project for the design, review and construction funding of geometric and traffic control modifications at various intersections of State and / or County roads.	1,400	0	0	0	0	0	1,400
<b>T7102 FY2008 STREET SIGN PROGRAM</b> 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.	600	90	90	0	0	0	780
<b>T7103 FY2009 STATE/COUNTY SHARED TRAFFIC CONTROL</b> A project for design, review and construction funding of traffic control at various intersections of State and County roads.	800	200	250	250	250	0	1,750
<b>T7104 FY2009 DEVELOPER/COUNTY SIGNALS</b> A project to facilitate the design, construction, and modification of traffic signals and appurtenances at various new development locations where warranted.	1,100	50	0	0	0	0	1,150
<b>T7105 FY2011-SIGNALIZATION PROGRAM</b> 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.	1,760	700	300	300	300	0	3,360
<b>T7106 INTERSECTION IMPROVEMENT PROGRAM</b> This project is for the study, design and construction of geometric and pedestrian modifications to improve the safety or increase capacity at various intersections.	1,690	230	230	230	0	0	2,380
<b>T7107 FY2014 DOWNTOWN COLUMBIA PATUXENT BRANCH TRAIL EXTENSION</b> A project connecting Downtown Columbia at Lake Kittamaquidi and extending to the existing Patuxent Branch Trail.	50	1,550	0	0	0	0	1,600

12,478      3,385      1,235      930      600      50      18,678

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**TRAF-TRAFFIC IMPROVEMENTS**

Revenue Source	Total	FISCAL 2016 Budget	FISCAL 2017 Budget	FISCAL 2018 Budget	FISCAL 2019 Budget	FISCAL 2020 Budget	Total
B BONDS	3,843	2,165	1,065	800	600	50	8,523
D DEVELOPER CONTRIBUTION	1,280	110	60	30	0	0	1,480
E EXCISE TAX	600	0	0	0	0	0	600
G GRANTS	460	1,000	0	0	0	0	1,460
O OTHER SOURCES	755	10	10	0	0	0	775
P PAY AS YOU GO	2,840	100	100	100	0	0	3,140
X EXCISE TAX BACKED BONDS	2,700	0	0	0	0	0	2,700
<b>Total</b>	<b>12,478</b>	<b>3,385</b>	<b>1,235</b>	<b>930</b>	<b>600</b>	<b>50</b>	<b>18,678</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : COMMUNITY RENEWAL**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>U7097 FY2012 NEW ROGER CARTER RECREATION CENTER</b>	5,923	0	0	0	0	0	5,923
This project is for the design and construction of a community recreation center on Ellicott Mills Drive in Ellicott City.	5,923	0	0	0	0	0	5,923

Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 URBAN-COMMUNITY RENEWAL

Revenue Source	FISCAL 2016 Budget	FISCAL 2017 Budget	FISCAL 2018 Budget	FISCAL 2019 Budget	FISCAL 2020 Budget	Total
B BONDS	1,423	0	0	0	0	1,423
O OTHER SOURCES	4,500	0	0	0	0	4,500
<b>Total</b>	<b>5,923</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,923</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
	Budget		Budget		Budget		Budget		Budget		
<b>W8146 ACQUISITION CONTINGENCY FUND</b> 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.	600	0	0	0	0	0	0	0	0	0	600
<b>W8200 FY2007 US29 WATER PUMP STATION IMPROVEMENTS</b> A project for the design and construction of improvements to the US29 water pumping station to increase pumping capacity of the station to meet projected demands.	2,185	0	0	0	0	0	0	0	0	0	2,185
<b>W8206 FY1995 METALLIC PIPELINE CORROSION STUDIES</b> A project to fund the study, maintenance, and remediation of corrosion related failures at various locations throughout the County.	3,600	260	260	260	260	260	260	260	260	260	4,900
<b>W8207 FY1995 P.C.C.P. STUDY and FAILURE MITIGATION</b> A project to investigate and determine the condition of all prestressed concrete cylinder pipe (PCCP) transmission mains in the water distribution system.	9,250	0	0	0	0	0	0	0	0	0	9,250
<b>W8218 WATER CONTINGENCY FUND</b> 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.	650	0	0	0	0	0	0	0	0	0	650
<b>W8220 FY1998 SHARED WATER FACILITY IMPROVEMENTS</b> 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.	21,050	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	121,050
<b>W8245 FY2003 RIGHT of WAY RESTORATION PROGRAM</b> The State and County roads, sidewalks and curbs which are damaged, primarily by water main breaks, require permanent restoration.	3,301	309	309	309	309	309	309	309	0	0	4,537
<b>W8248 FY2002 SLEEVES RELOCATIONS &amp; APPURTENANCES</b> 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.	7,650	0	0	0	0	0	0	0	0	0	7,650
<b>W8262 FY2004 GUILFORD ELEVATED WATER TANK</b> A project for the design and construction of a 2.	5,530	0	0	0	0	0	0	0	0	0	5,530
<b>W8263 FY2004 MARRIOTTVILLE RD ELEVATED TANK</b> A project for the design and construction of a 1.	5,050	0	0	0	0	0	0	0	0	0	5,050
<b>W8265 FY2005 US 29/BROKEN LAND PARKWAY 30inch WATER</b> 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	0	0	0	0	4,480

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020	
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Total
<b>W8267 FY2005 WATER VALVE MANAGEMENT SYSTEM</b> This project will develop a water valve information database which catalogs all County owned valves within the water distribution system.	1,342	165	165	165	165	0	0	0	0	0	1,837
<b>W8269 FY2005 PARTICIPATION 3RD ZONE WATER SUPPLY</b> 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	0	0	0	0	35,000
<b>W8274 FY 2007 SCADA SYSTEM UPGRADE</b> A project to upgrade the Supervisory Control and Data Acquisition System (SCADA) at the Bureau of Utilities Operations building and all remote sites.	2,539	765	765	765	765	0	0	0	0	0	4,834
<b>W8276 FY2007 SOUTHWEST TRANSMISSION MAIN REPLACEMENT</b> A project to assess the condition of 38,000 LF of 54-inch and 36-inch diameter water mains in Baltimore City, Baltimore County and Howard County and to relocate and/or replace defective or inadequate portions of pipeline.	23,500	0	0	0	0	0	0	0	0	0	23,500
<b>W8289 FY2009 WATER METER BATTERY REPLACEMENT</b> This project is to provide for the replacement of the battery systems 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.	10,796	2,060	2,060	2,060	2,060	0	0	0	0	0	16,976
<b>W8290 FY2009 BUREAU of UTILITIES MAINT YARD UPGRADE</b> A project to study, design, and reconstruct the Bureau of Utilities maintenance yard.	2,680	0	0	0	0	0	0	0	0	0	2,680
<b>W8291 FY2009 ELEVATED WATER TANK RECOATING</b> A project to study, prioritize, and conduct repairs/recoating to the County water system's existing elevated water storage tanks.	5,624	618	0	0	0	0	0	0	0	0	6,242
<b>W8292 FY2009 DORSEY RUN ROAD PHASE B WATER MAIN</b> 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	0	0	0	0	1,900
<b>W8293 FY2009 HICKORY GLEN DRIVE WATER MAIN LOOP</b> A project for the design and construction of 500 LF of 8-inch water main to loop the water system in Jerry's Drive to the water system in Hickory Ridge Road.	210	0	0	0	0	0	0	0	0	0	210
<b>W8296 FY2010 US29 WATER MAIN/MD108 TO BROKEN LAND PKWY</b> A project for the design and construction of 18,000 LF of 36-inch water main within the US29 corridor from MD108 to Brokenland Parkway.	27,500	0	0	0	0	0	0	0	0	0	27,500
<b>W8297 FY2010 KINDLER ROAD WATER MAIN</b> A project for the design and construction of 3,100 LF of 12-inch water main on Kinder Road from First League to Woodstream Way.	1,400	0	0	0	0	0	0	0	0	0	1,400
<b>W8299 FY2011 PINE ORCHARD WATER PUMPING STATION IMPROVEMENTS</b> A project to upgrade the Pine Orchard Water Pumping Station.	1,300	0	0	0	0	0	0	0	0	0	1,300



**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal	Fiscal	Total
		Budget	Budget	Budget	2019	2020	
<b>W8300 FY2011 LEVERING AVENUE WATER MAIN</b> A project for the design and construction of 6,350 LF of 16-inch water main from Gun Road in the Patapsco State Park in Baltimore County to Levering Avenue in Howard County to US1.	3,286	0	0	0	0	0	3,286
<b>W8301 FY2012 GRACE DRIVE WATER MAIN LOOP</b> A project for the design and construction of 900 LF of 12-inch water main loop along Grace Drive (550 zone) to Quiet Night Ride (630 west zone).	420	0	0	0	0	0	420
<b>W8303 FY2018 LOUDON AVE/RAILROAD STREET WATER MAIN</b> 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.	0	0	0	120	880	0	1,000
<b>W8304 FY2015 COLUMBIA WATER PUMPING STATION IMPROVEMENTS</b> A project to upgrade the Columbia Water Pumping Station.	240	1,010	0	0	0	0	1,250
<b>W8305 FY2018 LANDING ROAD WATER MAIN LOOP</b> 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.	0	0	0	170	1,330	0	1,500
<b>W8306 FY2013 SANNER ROAD WATER MAIN LOOP</b> A project for the design and construction of 4,000 LF of 12-inch water main from Maple Lawn to Sanner Road.	2,000	0	0	0	0	0	2,000
<b>W8307 FY2013 BROKEN LAND PKWY WATER MAIN</b> A project for the design and construction of 4,100 LF of 30-inch water main along Brokenland Parkway from Stevens Forest Road to Cradlerock Way.	5,000	0	0	0	0	0	5,000
<b>W8308 FY2013 US29 WATER MAIN/MD32 TO MD216</b> A project for the design and construction of 14,000 LF of 24-inch water main parallel to US29 from MD32 to MD216.	1,490	9,010	0	0	0	0	10,500
<b>W8309 FY2014 MISSION ROAD WATER MAIN LOOP</b> A project for the design and construction of 4,500 LF of 12-inch water main along Mission Road to Columbia Gateway Drive.	1,860	0	0	0	0	0	1,860
<b>W8311 FY2011 US 40 WATER SERVICE MAIN REPLACEMENT</b> A project for the design and construction of 6,200 LF of 8-inch replacement water main within US40 from US29 to Dogwood Drive.	2,600	0	0	0	0	0	2,600
<b>W8312 FY2011 ROCKBURN HILL (CROSSVIEW RD) WATER MAIN</b> A project for the design and construction of 1,200 LF of 8-inch water main from the terminus of County owned Rockburn Hill Road, west to Crossview Road to serve 6 properties.	705	0	0	0	0	0	705
<b>W8313 FY2011 FIRE HYDRANT INSPECTION PROGRAM</b> Develop a water Fire Hydrant Inspection Program that will include all County owned water Fire Hydrants within the distribution system.	3,381	873	873	873	0	0	6,000

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>W8314 FY2011 RECLAIMED WATER IMPLEMENTATION STUDY</b> A project to develop engineering standards, plumbing standards, and County Code modifications for the implementation user connection to the County's reclaimed water system.	150	0	0	0	0	0	150
<b>W8315 FY2012 WATER SYSTEM ELEVATED STORAGE AND CONVEYANCE STUDY</b> A project to study the County's elevated water storage and conveyance needs to meet existing and future demands for domestic use and emergency fire storage.	300	0	0	0	0	0	300
<b>W8316 FY2013 ILCHESTER ROAD WATER MAIN REHABILITATION</b> A project for the rehabilitation of 5,800 feet of 12-inch water main within Ilchester Road from Montgomery Road to Ellis Lane and reinforcement of the 630 zone.	2,550	500	0	0	0	0	3,050
<b>W8317 FY2013 ELKRIDGE PUMP STATION IMPROVEMENTS</b> A project for the design and installation of a 1,000 kW emergency generator and electrical, mechanical, and structural improvements at the Elkridge Water Pumping Station.	2,880	0	0	0	0	0	2,880
<b>W8318 FY2013 MONTGOMERY ROAD WATER MAIN REHABILITATION</b> A project for the rehabilitation of 12,000 feet of 12-inch water main within Montgomery Road from Lawyers Hill Road to Rockburn Drive.	5,450	0	0	0	0	0	5,450
<b>W8319 FY2013 BLANDAIR PARK WATER and SEWER EXTENSION</b> A project for the design and construction of 2,200 LF of water main and 2,000 LF of sewer to serve Blandair Regional Park.	515	0	0	0	0	0	515
<b>W8320 FY2013 WHISKEY BOTTOM PUMP STATION RELOCATION</b> A project to relocate the Whiskey Bottom Road pumping station and related suction and discharge pipelines and to increase pumping capacity.	1,000	4,000	0	0	0	0	5,000
<b>W8321 FY2013 PIRCH WAY/ASPERN DRIVE WATER REPLACEMENT</b> A project for the design and construction of 3,000 LF of 8-inch water main within the Pirch Way/Aspern Drive community.	1,315	0	0	0	0	0	1,315
<b>W8322 FY2013 WILDE LAKE WATER MAIN STUDY and REHABILITATION</b> 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
<b>W8323 FY2013 FORT MEADE RECLAIMED WATER</b> A project for the design and construction of a diversion structure, pumping station, elevated storage tank and reclaimed water lines to supply Fort Meade with reclaimed water to be used for non-potable purposes.	55,000	0	0	0	0	0	55,000
<b>W8324 FY2014 WATER SYSTEM LOOPING/FIRE PROTECTION UPGRADE</b> 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 required for fire protection.	1,500	500	500	500	500	500	4,000

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**FY 2015 Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>W8325 FY2014 RECLAIMED WATER SYSTEM DEVELOPMENT</b> 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.	4,573	973	973	973	973	0	8,465
<b>W8326 FY2015 SAINT PAUL STREET WATER MAIN</b> A project for the design and construction of 400 LF of 8-inch water main in Saint Paul Street in Ellicott City.	175	0	0	0	0	0	175
<b>W8327 FY2015 OLD LAWYER HILL ROAD WATER SUPPLY MAIN REPLACEMENT</b> A project for the replacement of 2,300 LF of 8-inch water main in Old Lawyers Hill Road.	950	0	0	0	0	0	950
<b>W8328 FY2015 630 WEST ZONE WATER PUMPING STATION</b> A project for the design and construction of a pumping station to serve the Elevation 630 West water zone.	1,340	8,660	0	0	0	0	10,000
<b>W8329 FY2015 PCCP STUDY AND FAILURE MITIGATION</b> A project to investigate and determine the condition of all prestressed concrete cylinder pipe (PCCP) transmission mains in the water distribution system.	1,500	500	500	500	500	500	4,000
<b>W8600 UTILITY SYSTEMIC ADDITIONS / IMPROVEMENTS</b> A project for the design and construction of various additions and improvements to the water and sewer system or its associated infrastructure.	12,115	0	0	0	0	0	12,115
<b>W8698 ROUTINE WATER EXTENSION PROGRAM</b> A project to design and construct routine water main extensions in the Metropolitan District requested by landowners.	3,025	625	625	625	625	625	6,150
<b>W8812 FY2012 ADV DEPOSIT LARGE WATER HSE CONNECTIONS</b> 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.	252	0	0	0	0	0	252
<b>W8862 FY2012 WATER HOUSE CONNECTIONS</b> A project to provide for the construction of water house connections by the Bureau of Utilities for residential size up to 1 inch.	500	0	0	0	0	0	500
<b>W8900 FY2011 DEVELOPER REBATES WATER &amp; SEWER</b> 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.	2,000	0	0	0	0	0	2,000

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
	Budget		Budget		Budget		Budget		Budget		
<b>W8913 FY2013 DEVELOPER REBATES WATER &amp; SEWER</b>											
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.	2,000		0		0		0		0		2,000
	279,909	69,828	27,030	27,320	25,377	21,885					451,349

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**WATER-WATER PROJECTS**

Revenue Source	Total	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	Total
		2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget		
C UTILITY CASH	85,507	24,059	24,059	24,059	21,069	20,760		199,513
D DEVELOPER CONTRIBUTION	752	0	0	0	0	0		752
G GRANTS	115	0	0	0	0	0		115
I IN-AID of CONSTRUCT UTILITIES	9,998	2,501	873	873	0	0		14,245
M METRO DISTRICT BOND	183,452	43,268	2,098	2,388	4,308	1,125		236,639
O OTHER SOURCES	85	0	0	0	0	0		85
<b>Total</b>	<b>279,909</b>	<b>69,828</b>	<b>27,030</b>	<b>27,320</b>	<b>25,377</b>	<b>21,885</b>		<b>451,349</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : BRIDGE PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>B3831 FY2007 RIVER ROAD BRIDGE-ROCKBURN (H0-6)</b> A project for the design and construction of a replacement structure for the River Road Bridge over Rockburn Branch.	1,325	0	0	0	0	0	1,325
<b>B3835 FY2006 HENRYTON ROAD BRIDGE (H0-105)</b> 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
<b>B3838 FY2006 PINDELL SCHOOL ROAD BRIDGE (H0-106)</b> A project for the design and construction of a replacement structure for the Pindell School Road Bridge over Hammond Branch.	1,360	0	0	0	0	0	1,360
<b>B3840 FY1996 DAISY ROAD BRIDGE (H0-41)</b> A project for the design and construction of a replacement bridge for the Daisy Road Bridge over Cattail Creek.	1,454	0	0	0	0	0	1,454
<b>B3849 FY1996 DAISY ROAD BRIDGE (H0-38)</b> A project for the design and construction of a replacement bridge and roadway tie-ins.	1,974	0	0	0	0	0	1,974
<b>B3850 FY2001 STRUCTURE INSPECTION PROGRAM</b> A project to inspect Howard County bridges in accordance with the federally mandated National Bridge Inspection Standards.	1,430	600	0	0	0	0	2,030
<b>B3853 FY2000 EMERGENCY STRUCTURE RECONSTRUCTION</b> A fund for Howard County to undertake construction and repair of bridges, culverts and retaining walls requiring prompt action.	3,545	300	0	0	0	0	3,845
<b>B3856 FY2001 OLD MONTGOMERY RD BRIDGE (H0-9)</b> A project for the design and construction of a replacement structure and approach for the Old Montgomery Road Bridge over Deep Run.	2,226	0	0	0	0	0	2,226
<b>B3857 FY2001 SYSTEMIC STRUCTURE IMPROVEMENTS</b> A project for specialized renovation items for bridges throughout the County.	1,996	200	0	0	0	0	2,196
<b>B3858 FY2018 PFEFFERKORN ROAD BRIDGE (H0-31)</b> 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
<b>B3860 FY2016 CARROLL MILL ROAD BRIDGE REPLACEMENT (H0-23)</b> A project for the design and construction of a replacement structure for the Carroll Mill Road Bridge over Benson Branch.	0	1,300	0	0	0	0	1,300
<b>B3862 FY2013 RETAINING WALLS</b> A Countywide project for the design and construction of replacement or rehabilitated retaining walls and slope stabilization.	1,250	1,200	0	0	0	0	2,450

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : BRIDGE PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>B3863 FY2013 DOWNTOWN COLUMBIA-OAKLAND MILLS CONNECTION IMPROVEMENTS</b>	600	0	0	0	0	0	600
A project to provide a feasibility study, design and construction of enhancements to existing and potential future connections over US29.	18,875	4,975	0	0	0	0	23,850

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**BRIDGE-BRIDGE PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	10,199	4,375	0	0	0	0	14,574
G GRANTS	5,590	0	0	0	0	0	5,590
O OTHER SOURCES	500	0	0	0	0	0	500
P PAY AS YOU GO	2,061	600	0	0	0	0	2,661
X EXCISE TAX BACKED BONDS	525	0	0	0	0	0	525
<b>Total</b>	<b>18,875</b>	<b>4,975</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23,850</b>



**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>C0182 FY1985 PUBLIC SAFETY EDUCATION CENTER</b> A project for design and construction of a group of facilities for training of public safety employees.	27,326	9,125	0	0	0	0	36,451
<b>C0214 FY199- CATEGORY CONTINGENCY FUND</b> 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.	70,600	30,000	0	10,000	0	0	110,600
<b>C0256 ENVIRONMENTAL ASSESSMNT CONTINGENCY FUND</b> 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.	470	202	26	50	26	50	824
<b>C0264 FY1998 SYSTEMIC FACILITY IMPROVEMENTS</b> 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 to provide for system management initiatives, energy initiatives, or environmental initiatives.	26,980	0	0	0	0	0	26,980
<b>C0282 FY2001 GOVERNMENT SERVICE CAMPUS</b> A project to purchase, renovate or construct additional County office space, Courthouse and related parking both at the current County campus location in Ellicott City and at additional locations (outside of the current campus) which are being explored.	77,264	0	0	0	0	0	77,264
<b>C0285 FY2002 US1 CORRIDOR REVITALIZATION</b> 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.	8,050	5,000	1,000	1,000	1,000	1,000	17,050
<b>C0286 FY2002 BUS STOP IMPROVEMENTS</b> A project to implement a series of systemic improvements to Howard Transit bus stops.	1,719	0	0	0	0	0	1,719
<b>C0287 FY2002 COMMUNITY RENEWAL / ENHANCEMENTS</b> A project to design and implement a series of pedestrian improvements, streetscape enhancements and repair or enhancement of public green spaces.	889	500	100	100	100	0	1,689
<b>C0289 FY2002 TRANSIT OPERATION REPAIR FACILITY</b> A project for site selection, acquisition, design and construction of a multi-jurisdictional transit facility.	15,619	0	0	0	0	0	15,619
<b>C0290 FY2003 COURTHOUSE RENOVATION</b> A project to expand and renovate the existing courthouse.	8,560	28,400	0	0	0	0	36,980

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>C0298 FY2005 US 40 CORRIDOR ENHANCEMENT</b> A project to plan, design and implement improvements (eg 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	1,000	200	200	200	0	2,650
<b>C0299 FY2005 WASTE MANAGEMENT IMPROVEMENTS</b> 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	3,542	4,635	0	1,321	0	32,564
<b>C0301 FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES</b> A project to upgrade infrastructure of the County's Local Area Networks and Wide Area Networks.	16,446	3,740	0	0	0	0	20,186
<b>C0309 FY2007 LAND ACQUISITION CONTINGENCY RESERVE</b> 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.	32,000	3,000	0	0	0	0	35,000
<b>C0311 FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS</b> Enhancements to 800 MHz Motorola Astro trunking radio system for Public Safety.	8,600	35,190	0	0	0	0	43,790
<b>C0312 FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM</b> The County currently is utilizing SAP ERP software solution as the system of Financial Accounting, Purchasing and Utility Water and Sewer billing.	16,350	6,000	0	0	0	0	22,350
<b>C0313 FY2008 ENVIRONMENTAL COMPLIANCE</b> A project to support environmental compliance activities for County Facilities.	9,634	2,003	478	186	178	180	12,659
<b>C0315 FY2009 PUBLIC SAFETY SYSTEM ENHANCEMENTS</b> This project will provide a variety of functionality enhancements for the County's existing Public Safety System.	3,095	1,605	0	0	0	0	4,700
<b>C0316 FY2010 ELLICOTT CITY VISITORS CENTER RESTORATION &amp; RENOVATION</b> Renovate the Historic Ellicott City Post Office in the heart of Ellicott City.	1,025	0	0	0	0	0	1,025
<b>C0317 FY2013 SYSTEMIC FACILITY IMPROVEMENTS</b> 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.	18,750	13,000	0	0	0	0	31,750
<b>C0318 FY2010 MARC SAVAGE STATION GARAGE</b> 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

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>C0319 FY2010 TAX INCREMENT FINANCING PROJECTS</b> A project for funding of tax increment financing projects.	50,000	0	0	0	0	0	50,000
<b>C0320 FY2010 BUS/VEHICLE ACQUISITION for 2009</b> A project for the purchase of fixed route and paratransit vehicles for the Howard Transit and HT Ride systems respectively.	4,335	0	0	0	0	0	4,335
<b>C0321 FY2010 BUS/VEHICLE ACQUISITION</b> A project for the purchase of fixed route and paratransit vehicles for the Howard Transit and HT Ride systems respectively.	2,578	0	0	0	0	0	2,578
<b>C0322 FY2012 CENTRAL FLEET SYSTEMIC IMPROVEMENTS and FUEL SYSTEM</b> 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.	3,895	1,910	0	0	0	0	5,805
<b>C0323 FY2011 BUS/VEHICLE ACQUISITION</b> 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
<b>C0324 FY2012 GEODETIC NETWORK AUTOMATION</b> A project to purchase survey global positioning system (GPS) and digital survey equipment.	435	15	0	0	0	0	450
<b>C0325 FY2013 BUS/VEHICLE ACQUISITION</b> 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
<b>C0327 FY2013 ENTERPRISE CONTENT MANAGEMENT (ECM)</b> The ECM will remove critical strain from the existing email system and replace our outdated records management system.	2,346	0	0	0	0	0	2,346
<b>C0328 FY2012 BUS/VEHICLE ACQUISITION</b> A project for the purchase of fixed route and paratransit vehicles for the Howard Transit and HT Ride systems respectively.	821	0	0	0	0	0	821
<b>C0329 FY2012 ENERGY MANAGEMENT/IMPROVEMENTS</b> A project to develop a 5-10 year business plan for energy performance optimization.	900	0	0	0	0	0	900
<b>C0331 FY2014 ELLICOTT CITY PARKING LOT ENHANCEMENT</b> A project to plan, design and implement a set of improvements to publicly owned land currently designated as Lot D in Ellicott City.	800	400	0	0	0	0	1,200
<b>C0332 FY2014 BUS STOP IMPROVEMENTS</b> A project to implement a series of systemic improvements to Howard Transit bus stops.	250	750	150	150	150	150	1,600

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>C0333 FY2015 DETENTION CENTER RENOVATIONS</b> 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.	395	7,210	0	0	0	0	7,605
<b>C0334 FY2014 EMERGENCY ALTERNATIVE POWER</b> 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.	4,000	5,000	0	0	0	0	9,000
<b>C0335 FY2014 CITIZEN SERVICES FACILITY/PROGRAM ENHANCEMENTS</b> A project to determine the additional facility needs for the Department of Citizen Services.	300	4,870	0	0	0	0	5,170
<b>C0336 FY2014 LANDFILL RESOURCE MANAGEMENT</b> 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
<b>C0337 FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS</b> This is a project to provide a variety of repairs and improvements to public infrastructure and address other community improvements and needs to improve the downtown and historic district of the Howard County Seat.	4,200	0	0	0	0	0	4,200
<b>C0338 FY2015 BROADBAND INSTALLATIONS</b> 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
<b>C0339 FY2015 BROADBAND INSTALLATIONS NON-COUNTY GOVERNMENT</b> 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
<b>C0340 FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT</b> The Broadband Installation project will extend services to non-government facilities to our fiber network.	10,000	0	0	0	0	0	10,000
<b>C0341 FY2015 TOWER GENERATOR REPLACEMENTS</b> 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
<b>C0414 FY2011 ONE MARYLAND BROADBAND PLAN</b> A project resulting from the American Recovery and Reinvestment Act (ARRA) to include all costs to administer and purchase and install dark fiber infrastructure across 10 local government jurisdictions.	87,503	0	0	0	0	0	87,503

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584,266      162,462      6,589      11,686      2,975      1,380      769,358

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**GENCO-GENERAL COUNTY PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	209,254	112,675	6,013	1,086	2,399	880	332,307
C UTILITY CASH	4,850	2,000	0	0	0	0	6,850
G GRANTS	164,093	42,650	50	10,050	50	50	216,943
O OTHER SOURCES	93,303	-3,050	0	0	0	0	90,253
P PAY AS YOU GO	43,216	7,787	526	550	526	450	53,055
R STORMWATER UTILITY FUNDING	2,300	400	0	0	0	0	2,700
T TRANSFER TAX	250	0	0	0	0	0	250
TIF TIF BONDS	67,000	0	0	0	0	0	67,000
<b>Total</b>	<b>584,266</b>	<b>162,462</b>	<b>6,589</b>	<b>11,686</b>	<b>2,975</b>	<b>1,380</b>	<b>769,358</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : DRAINAGE PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>D1112 FY1997 DAVIS AVE AREA DRAINAGE IMPROVEMENTS</b> This project is for the design and construction of storm drainage facilities in the area of Davis Avenue in North Laurel.	687	0	0	0	0	0	687
<b>D1124 FY2007 DRAINAGE IMPROVEMENT PROGRAM</b> A project for the design and construction of small to medium size drainage improvements requested by County residents and the Bureau of Highways.	2,435	1,275	0	0	0	0	3,710
<b>D1125 FY2004 EMERGENCY STORM DRAIN RECONSTRUCTION</b> 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.	1,475	150	0	0	0	0	1,625
<b>D1140 FY2005 PINE TREE/GLEN COURT STORM DRAIN SYSTEM</b> A project for the design and construction of a storm drain system along Pine Tree Road, Glen Court, and Guilford Road.	2,495	465	0	0	0	0	2,960
<b>D1148 FY2007 NPDES WATERSHED MANAGEMENT PROGRAM</b> 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.	4,805	10,000	0	0	0	0	14,805
<b>D1150 FY2005 HIGH RIDGE DRAINAGE</b> A project to design and construct storm drain improvements in the High Ridge area including, but not limited to: Naylor Avenue, Hughes Avenue, Robinson Boulevard, Gross Avenue, Bryant Avenue, Grant Avenue, and Lyon Ave.	1,400	660	0	0	0	0	2,060
<b>D1155 FY2006 LINCOLN DRIVE at CEDAR VIL PARK DRAINAGE</b> A project to eliminate the freezing of runoff on Lincoln Drive, Cedar Avenue, and Wye Ave.	1,635	0	0	0	0	0	1,635
<b>D1157 FY2006 ST. JOHNS LANE VICINITY DRAINAGE</b> A project for the construction of drainage improvements along St Johns Lane, Northfield Road, Southfield Road, Crescent Road, Hawthorne Road, Crestleigh Road and the adjacent neighborhoods.	1,515	0	0	0	0	0	1,515
<b>D1158 FY2008 WATERSHED MANAGEMENT CONSTRUCTION</b> This project is for design and construction of stormwater facility improvements.	16,475	25,000	0	0	0	0	41,475
<b>D1159 FY2007 STORMWATER MANAGEMENT FACILITY RECONSTRUC</b> 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.	17,690	27,900	0	0	0	0	45,590

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : DRAINAGE PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>D1160 FY2010 STORMWATER MANAGEMENT RETROFITS</b> A project for the retrofit of stormwater management facilities to include water quality management.	11,240	15,450	0	0	0	0	26,690
<b>D1161 FY2018 SHAFFERSVILLE ROAD CULVERT REPLACEMENT</b> A project to replace the existing culvert on Shaffersville Road (between Florence Road and Shaffers Mill Road).	0	525	0	0	0	0	525
<b>D1162 FY2012 DRAINAGE EASEMENT ACQUISITION/REFURBISH</b> A project for the purchase of easements as required and repairs for pipes under County roads in the older sections of the County.	1,650	1,200	0	0	0	0	2,850
<b>D1163 FY2012 TROTTER ROAD SLOPE STABILIZATION</b> 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.	575	0	0	0	0	0	575
<b>D1164 FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS</b> This project is for design and construction of Environmental Site Design (ESD) small scale storm water facilities.	2,950	5,800	1,000	1,000	1,000	1,000	12,750
<b>D1165 FY2013 FLOOD MITIGATION and STORMWATER/WATERWAY ENHANCEMENT</b> This project is for the study, design, and construction of flood mitigation and stormwater/waterway enhancement efforts in downtown Ellicott City.	2,675	2,250	0	0	0	0	4,925
<b>D1166 FY2015 CHESTNUT HILLS DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Chestnut Hills Community including but not limited to: Deerfield Drive, Family Way and Ivy Lane.	100	1,000	0	0	0	0	1,100
<b>D1167 FY2015 GLENBROOK DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Glenbrook Community including but not limited to: Walker Drive and Dogwood Drive.	100	520	0	0	0	0	620
<b>D1168 FY2015 MORGAN WOODBINE ROAD SLOPE STABILIZATION</b> 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
	<b>70,102</b>	<b>92,660</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>166,762</b>



Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 DRAIN-DRAINAGE PROJECTS

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	40,585	38,370	0	0	0	0	78,955
D DEVELOPER CONTRIBUTION	200	0	0	0	0	0	200
G GRANTS	9,180	0	0	0	0	0	9,180
O OTHER SOURCES	267	0	0	0	0	0	267
P PAY AS YOU GO	4,580	3,900	1,000	1,000	1,000	1,000	12,480
R STORMWATER UTILITY FUNDING	13,175	49,665	0	0	0	0	62,840
S STORM DRAINAGE FUND	2,115	725	0	0	0	0	2,840
<b>Total</b>	<b>70,102</b>	<b>92,660</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>166,762</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SCHOOL SYSTEM PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>E0973 FY2003 WAVERLY ELEMENTARY ADDITION</b> This project will be completed in two phases at Waverly Elementary School.	4,314	0	0	0	0	0	4,314
<b>E0980 FY2004 SYSTEMIC RENOVATIONS</b> 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.	228,968	318,848	66,532	64,449	67,671	71,055	817,523
<b>E0989 FY1989 BARRIER-FREE PROJECTS</b> 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.	5,203	1,000	200	200	200	200	7,003
<b>E0990 FY2002 Playground Equipment</b> Improvements and installation of playground equipment at various school sites.	2,380	1,000	200	200	200	200	4,180
<b>E0993 FY2004 RELOCATABLE CLASSROOMS PROGRAM</b> 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 2014.	15,910	5,500	1,100	1,100	1,100	1,100	25,810
<b>E0994 FY2004 ROOFING PROGRAM</b> 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.	39,588	25,000	5,000	5,000	5,000	5,000	84,588
<b>E0995 SITE ACQUISITION and CONSTRUCTION RESERVE</b> 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
<b>E0999 FY2006 FACILITY MODERNIZATION</b> A facility assessment survey was conducted for all schools.	6,400	0	0	0	0	0	6,400
<b>E1004 FY2006 OLD CEDAR LANE RENOVATIONS</b> A project to add an addition and to renovate the "OLD" Cedar Lane School for use as a Diagnostic Center and offices for staff.	1,320	38,296	0	0	0	0	39,616
<b>E1005 FY2007 MT HEBRON HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate the existing building of Mount Hebron High School.	47,100	0	0	0	0	0	47,100
<b>E1007 FY 2007 RUNNING BROOK ELEM ADDITION</b> A project to expand the existing Running Brook Elementary School to provide capacity which will serve enrollment growth in the Columbia West and Southeastern Regions.	5,787	0	0	0	0	0	5,787

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SCHOOL SYSTEM PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>E1011 FY2008 NEW MAINTENANCE/WAREHOUSE FACILITY</b> A project to construct a new maintenance/warehouse facility which will be developed taking the county requirements into consideration.	1,100	23,520	0	0	0	0	24,620
<b>E1012 FY2008 SCHOOL PARKING LOT EXPANSION</b> 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
<b>E1013 FY2009 NORTHFIELD ELEM RENOVATION</b> A project to renovate the existing Northfield Elementary School and provide additional classroom and core infrastructure space.	19,585	0	0	0	0	0	19,585
<b>E1014 FY2009 TRIADELPHIA RIDGE/FOLLY QUARTER WASTE WATER TREATMENT FACILITY</b> A project for the replacement of two existing recirculating sand filter systems with one consolidated waste water treatment facility that will serve both Triadelphia Ridge Elementary and Folly Quarter Middle Schools.	4,000	0	0	0	0	0	4,000
<b>E1015 FY2011 ATHOLTON HIGH RENOVATION</b> A project to expand educational program spaces and renovate Atholton High School.	61,069	0	0	0	0	0	61,069
<b>E1016 FY2009 HIGH SCHOOL TECHNICAL EDUCATION PGM EXPANSION</b> Nine of twelve high schools needed renovation of existing spaces to meet Code of Maryland Regulations (COMAR) standards for technical education.	1,000	0	0	0	0	0	1,000
<b>E1018 FY2010 BELLOWS SPRING ELEM ADDITON</b> A project to provide additional classroom space and additional core infrastructure space at Bellows Spring Elementary School.	5,660	0	0	0	0	0	5,660
<b>E1020 FY2011 NEW ELEMENTARY SCHOOL #41</b> A project to construct a new elementary school to relieve the Northeastern and Northern regions.	34,447	0	0	0	0	0	34,447
<b>E1021 FY2011 TECHNOLOGY</b> A capital project to provide and sustain a viable technology infrastructure consistent with the HCPSS technology plan at various school sites.	29,486	25,000	5,000	5,000	5,000	5,000	74,486
<b>E1022 FY2013 GORMAN CROSSING ELEM SCHOOL</b> A project to expand the existing Gorman Crossing Elementary School to provide capacity which will serve enrollment growth in the Southeastern Region.	6,156	0	0	0	0	0	6,156
<b>E1023 FY2013 NEW MIDDLE SCHOOL #20</b> A project to construct a new middle school to relieve the Northeastern and Southeastern regions in 2014.	34,755	0	0	0	0	0	34,755

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SCHOOL SYSTEM PROJECTS**

Project Description	Total	Syr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>E1024 FY2016 HAMMOND HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Hammond High School.	0	65,012	0	0	0	0	65,012
<b>E1025 FY2022 CENTENNIAL HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Centennial High School.	0	0	0	5,914	37,154	24,770	67,838
<b>E1026 FY2012 PHELPS LUCK ELEM RENOVATION</b> A project to expand educational program spaces and renovate Phelps Luck Elementary School.	19,208	0	0	0	0	0	19,208
<b>E1027 FY2013 LONGFELLOW ELEM ADDITION</b> A project to expand educational program spaces and renovate Longfellow Elementary School.	16,930	0	0	0	0	0	16,930
<b>E1028 FY2018 NEW ELEMENTARY SCHOOL #42</b> A project to construct a new elementary school to relieve the Southeastern region.	0	35,424	0	0	0	0	35,424
<b>E1029 FY2019 OAKLAND MILLS HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Oakland Mills High School.	0	43,173	24,829	0	0	0	68,002
<b>E1030 FY2014 DEEP RUN ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Deep Run Elementary School.	20,154	0	0	0	0	0	20,154
<b>E1031 FY2014 WILDE LAKE MIDDLE SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Wilde Lake Middle School.	10,858	26,279	0	0	0	0	37,137
<b>E1032 FY2014 LAUREL WOODS ELEM SCHOOL ADDITION</b> A project to expand educational program spaces Laurel Woods Elementary School.	8,023	0	0	0	0	0	8,023
<b>E1033 FY2015 PATUXENT VALLEY MIDDLE SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Patuxent Valley Middle School.	8,145	19,327	0	0	0	0	27,472
<b>E1034 FY2015 SWANSFIELD ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Swansfield Elementary School.	1,898	17,533	0	0	0	0	19,431
<b>E1035 FY2024 NEW HIGH SCHOOL #13</b> A project to construct a new high school to relieve the Northeast region.	0	0	0	0	0	10,439	10,439
	<b>662,797</b>	<b>657,912</b>	<b>105,461</b>	<b>84,463</b>	<b>118,925</b>	<b>120,364</b>	<b>1,749,922</b>

Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 EDUC-SCHOOL SYSTEM PROJECTS

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
A STATE AID for SCHOOLS	181,335	0	0	0	0	0	181,335
B BONDS	379,083	657,912	105,461	84,463	118,925	120,364	1,466,208
D DEVELOPER CONTRIBUTION	4,000	0	0	0	0	0	4,000
P PAY AS YOU GO	4,858	0	0	0	0	0	4,858
T TRANSFER TAX	52,598	0	0	0	0	0	52,598
Z EDUCATION EXCISE BONDS	40,923	0	0	0	0	0	40,923
<b>Total</b>	<b>662,797</b>	<b>657,912</b>	<b>105,461</b>	<b>84,463</b>	<b>118,925</b>	<b>120,364</b>	<b>1,749,922</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : FIRE PROJECTS and EQUIPMENT**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>F5551 FY2004 BANNEKER FIRESTATION REDEVELOPMENT</b> A project for the design and construction of a new 30,000 SF fire station to replace the present obsolete Banneker Fire Station.	5	14,970	0	0	0	0	14,975
<b>F5960 FY2001 FIRESTATION SYSTEMIC IMPROVEMENTS</b> An ongoing project to replace or renovate major systems, fixtures, or structures in various existing fire stations/PSTC.	4,423	0	0	0	0	0	4,423
<b>F5962 FY2010 GLENWOOD FIRESTATION</b> A project to complete the community center service complex with a Fire/EMS station at Glenwood.	4,100	0	0	0	0	0	4,100
<b>F5963 FY2004 EMERGENCY CONTROL SIGNAL SYSTEM</b> 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.	595	0	0	0	0	0	595
<b>F5964 FY2012 FIRESTATION ONE RELOCATION</b> 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.	13,500	0	0	0	0	0	13,500
<b>F5967 FY2006 ELLICOTT CITY/COLUMBIA FIRESTATION</b> A new project to acquire a 3-acre site in the vicinity of Meadow Ridge Road and MD100, and construct a 26,000 SF fire station.	857	0	0	0	0	0	857
<b>F5968 FY2005 POND ACCESS PROGRAM</b> A project to develop new rural water source sites and perform maintenance of existing sites in the 5th District.	235	0	0	0	0	0	235
<b>F5969 FY2006 STORAGE BUILDING</b> A new project for the design and construction of a 3,500 SF storage building for fire apparatus and equipment on existing property at Fire Station 8.	810	0	0	0	0	0	810
<b>F5971 FY2007 NEW SAVAGE FIRE STATION</b> A project to construct a new 33,000 SF County-owned fire station operated by the Savage Volunteer Fire Company.	12,075	0	0	0	0	0	12,075
<b>F5972 FY2008 RURAL FIRE PROTECTION PROGRAM</b> A project to provide and augment fire protection systems in rural areas within the County, outside of the Water and Sewer Planned Service Area.	6,000	2,500	0	0	0	0	8,500
<b>F5973 FY2010 LOGISTICS FACILITY</b> 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.	5,715	0	0	0	0	0	5,715

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : FIRE PROJECTS and EQUIPMENT**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>F5975 FY2010 ROUTE ONE FIRE STATION</b> A project to construct a new 30,000 SF fire station at the intersection of RT1 & Port Capital Drive.	5,530	9,550	0	0	0	0	15,080
<b>F5981 FY2012 FIRE - RESCUE VEHICLES</b> A project to accommodate replacement schedule of existing vehicles and the addition of new units.	4,710	0	0	0	0	0	4,710
<b>F5982 FY2012 FIRE-RESCUE EQUIPMENT and FURNISHINGS</b> A project to purchase essential equipment for use by emergency personnel.	1,645	0	0	0	0	0	1,645
	<b>60,200</b>	<b>27,020</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>87,220</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**FIRE-FIRE PROJECTS and EQUIPMENT**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	39,415	24,520	0	0	0	0	63,935
G GRANTS	500	0	0	0	0	0	500
O OTHER SOURCES	13,560	2,500	0	0	0	0	16,060
P PAY AS YOU GO	1,045	0	0	0	0	0	1,045
T TRANSFER TAX	5,680	0	0	0	0	0	5,680
<b>Total</b>	<b>60,200</b>	<b>27,020</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>87,220</b>



**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : AGRICULTURAL PRESERVATION**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>G0163 AGRICULTURAL LAND PRESERVATION PROGRAM</b> 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
	170,608	0	0	0	0	0	170,608

Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 AGPRES-AGRICULTURAL PRESERVATION

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 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
<b>Total</b>	<b>170,608</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>170,608</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : HIGHWAY RESURFACING**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>H2011 FY2013 MICRO SURFACING PROGRAM</b> 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	0	0	0	0	11,000
<b>H2013 FY2006 PARKING RESURFACING PROGRAM</b> A project to provide milling and repaving for various County facilities' parking.	1,510	1,000	0	0	0	0	2,510
<b>H2014 FY2013 ROAD RESURFACING PROGRAM</b> A project to provide resurfacing to various County roads.	29,500	75,000	0	0	0	0	104,500
<b>H2015 FY2013 ROADWAY INFRASTRUCTURE INVENTORY AND ASSESSMENT</b> 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	400	0	0	0	0	800
<b>H2016 FY2013 STREET TREE PROGRAM</b> A program to comprehensively address the removal and replacement of street trees.	2,250	3,000	0	0	0	0	5,250
<b>H8904 FY2007 COMMUNITY ROAD REVITALIZATION</b> A project to upgrade streets, curbs and sidewalks in established neighborhoods.	3,725	2,000	0	0	0	0	5,725
	<b>40,885</b>	<b>88,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>129,785</b>

Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 RESURF-HIGHWAY RESURFACING

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL Budget				Total
			2021	2022	2023	2024	
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	39,385	88,900	0	0	0	0	128,285
<b>Total</b>	<b>40,885</b>	<b>88,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>129,785</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : ROAD CONSTRUCTION PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>J4076 DEFAULTED DEVELOPER AGREEMENTS</b> An appropriation is requested under this project to construct roads, stormwater management, storm drains, 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
<b>J4099 CATEGORY CONTINGENCY FUND</b> 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
<b>J4110 FY1991 DORSEY RUN ROAD - SOUTH LINK</b> 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.	7,937	0	0	0	0	0	7,937
<b>J4121 PRIVATE ROAD RECONSTRUCTION PROGRAM</b> 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 II.	828	0	0	0	0	0	828
<b>J4136 FY1994 MARSHALEE DRIVE IMPROVEMENTS</b> This project is to fund the County's share of the design and construction of Marshalee Drive to a minor arterial standard from relocated Montgomery Road (near MD103) to Montgomery Road (near Marshalee Woods) including the intersection with existing Montgomery Road.	4,388	0	0	0	0	0	4,388
<b>J4142 FY1998 HALL SHOP ROAD IMPROVEMENTS</b> Reconstruct Hall Shop Road (a major collector) at two locations to improve sight distance and eliminate a sharp curve.	842	1,400	0	0	0	0	2,242
<b>J4148 FY2000 DORSEY RUN ROAD EXTENSION</b> This project is for the extension of Dorsey Run Road from MD103 to MD175, a total of approximately 3 miles.	33,730	0	0	0	0	0	33,730
<b>J4154 FY1998 RETAINING WALL REPLACEMENTS</b> A Countywide project for the design and construction of replacement or rehabilitated retaining walls.	2,344	0	0	0	0	0	2,344
<b>J4155 FY2012 MARIOTTSTVILLE RD SAFETY IMPROVEMENTS</b> Reconstruct shoulders and place guardrails at numerous locations along 2.	225	2,400	0	0	0	0	2,625
<b>J4157 FY2008 MINSTREL WAY EXTENDED</b> A project for the extension of Minstrel Way from Snowden River Parkway to Gerwig Lane.	475	0	0	0	0	0	475
<b>J4163 FY1999 ENGINEERING STUDY PROGRAM</b> A project for engineering roads to conform with the Plan Howard 2030 Highways Map, to evaluate realignment schemes and to support the transportation and safety needs of the County.	260	0	0	0	0	0	260

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : ROAD CONSTRUCTION PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>J4164 FY1997 ROADWAY CAPACITY IMPROVEMENTS</b> A project to provide increased capacity and safety of various County roads and intersections.	8,221	0	0	0	0	0	8,221
<b>J4167 FY2010 SNOWDEN RIVER/BROKEN LAND INTERSECT</b> 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.	250	0	0	0	0	0	250
<b>J4168 FY1998 ROADWAY REHABILITATION/SAFETY PROGRAM</b> 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
<b>J4170 FY2004 ROGER'S AVENUE IMPROVEMENTS</b> A project for design and construction of approximately 1,500 LF of Rogers Avenue from existing improvements near US40 to Court House Drive.	3,515	0	0	0	0	0	3,515
<b>J4173 FY2000 HANOVER ROAD IMPROVEMENTS</b> A project for the study, design and reconstruction of the Hanover Road at High Tech Road intersection.	650	1,135	0	0	0	0	1,785
<b>J4177 FY2001 STATE ROAD CONSTRUCTION</b> 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	0	0	0	0	0	21,765
<b>J4178 FY2001 COUNTY / STATE NOISE ABATEMENT</b> A program with SHA for the construction of noise reduction sound walls to shield sections of residential communities.	7,000	0	0	0	0	0	7,000
<b>J4181 FY2003 GUILFORD RD (US1 to DORSEY RUN RD)</b> 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	16,720	0	0	0	0	18,595
<b>J4182 FY2002 DORSEY RUN ROAD IMPROVEMENTS</b> 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.	4,500	8,800	0	0	0	0	13,300
<b>J4202 FY2004 STEPHENS ROAD IMPROVEMENTS</b> 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
<b>J4204 FY2005 US 29 IMPROVEMENTS</b> A project for cost sharing of improvements to US29 northbound between MD175 and Middle Patuxent River.	2,050	0	0	0	0	0	2,050
<b>J4205 FY2006 MARRIOTTSTVILLE ROAD IMPROVEMENTS</b> 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

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : ROAD CONSTRUCTION PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>J4206 FY2007 MONTEVIDEO ROAD IMPROVEMENTS</b> A project to improve Montevideo Road as detailed in the Montevideo Road Study.	9,355	4,420	0	0	0	0	13,775
<b>J4207 FY2009 OAKLAND MILLS ROAD IMPROVEMENTS</b> A project to improve Oakland Mills Road from Guilford Road northward to Carters Lane.	6,100	0	0	0	0	0	6,100
<b>J4208 FY2006 WATERSVILLE ROAD SLOPE RECONSTRUCTION</b> A project to stabilize/reconstruct the slope that supports the roadbed of Watersville Road.	510	0	0	0	0	0	510
<b>J4209 FY2006 BONNIE BRANCH RD SLOPE STABILIZATION</b> A project to stabilize/reconstruct the slope that supports the roadbed of Bonnie Branch Road.	1,025	0	0	0	0	0	1,025
<b>J4211 FY2007 ROADWAY CAPACITY IMPROVEMENTS</b> A project to provide increased capacity and safety on various County roads and intersections.	1,375	1,300	0	0	0	0	2,675
<b>J4212 FY2007 STATE ROAD CONSTRUCTION</b> A project for cost sharing of new State roadway construction within Howard County that is consistent with the objectives of the Plan Howard 2030.	24,750	0	0	0	0	0	24,750
<b>J4213 FY2007 COLLEGE AVENUE SLOPE STABILIZATION</b> A project to stabilize/reconstruct the slope that supports the roadbed in the vicinity of 3961 College Avenue.	835	0	0	0	0	0	835
<b>J4214 FY2007 GUILFORD AT VOLLMERHAUSEN IMPROVEMENTS</b> 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.	3,420	0	0	0	0	0	3,420
<b>J4215 FY2007 MARRIOTTSVILLE ROAD from US40 to MD144</b> Realignment and shoulder improvements to Marriottsville Road from US40 to MD144.	3,800	2,200	0	0	0	0	6,000
<b>J4217 FY2007 TOWER DRIVE DRAINAGE AND SIDEWALKS</b> A project to design and construct improved drainage along Tower Drive.	545	0	0	0	0	0	545
<b>J4219 FY2015 ENGINEERING STUDY PROGRAM</b> A project for engineering roads to conform with the Plan Howard 2030 Highways Map to evaluate realignment schemes to support the transportation and safety needs of the County.	150	250	0	0	0	0	400
<b>J4220 FY2014 DEVELOPER/COUNTY SHARED IMPROVEMENTS</b> A project to facilitate the design, land acquisition and construction of roadway modifications and their appurtenances at various intersections or roadway segments.	600	600	0	0	0	0	1,200

**Howard County, MD  
FY 2015 Extended Capital Resolution (\$000)  
Program : ROAD CONSTRUCTION PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>J4222 FY2008 SNOWDEN RIVER PARKWAY WIDENING</b> <b>BROKENLAND TO OAKLAND MILLS</b> 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 Rd.	2,925	9,350	0	0	0	0	12,275
<b>J4224 FY2008 GATEWAY at ROBERT FULTON INTERSECTION IMP</b> A project to design and reconstruct the intersection of Gateway Drive and Robert Fulton Drive to improve the capacity.	325	0	0	0	0	0	325
<b>J4225 FY2008 ELLICOTT CENTER DR CONNECTION to ROGERS</b> A project to design and construct a road to connect Ellicott Center Drive to Rogers Ave.	2,060	0	0	0	0	0	2,060
<b>J4226 FY2008 ROAD PROJECTS CONTINGENCY FUND</b> A project to provide funds for unanticipated needs related to bridges and roadways.	1,800	400	0	0	0	0	2,200
<b>J4228 FY2008 ILCHESTER and LANDING ROAD INTERSECT</b> 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.	790	0	0	0	0	0	790
<b>J4229 FY2008 WHISKEY BOTTOM ROAD IMPROVEMENTS</b> A project to design and construct improvements to Whiskey Bottom Road from US1 to the Anne Arundel County Line.	620	0	0	0	0	0	620
<b>J4230 FY2017 SANNER ROAD IMPROVEMENTS</b> 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.	0	930	0	0	0	0	930
<b>J4231 FY2013 ELKRIDGE MAIN STREET IMPROVEMENTS</b> 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
<b>J4234 FY2010 SNOWDEN RIVER PARKWAY IMPROVEMENTS</b> A project to add a third lane to Snowden River Parkway, in each direction, from Oakland Mills Road to MD108.	200	0	0	0	0	0	200
<b>J4237 FY2010 MD175/OAKLAND MILLS ROAD INTERCHANGE</b> 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.	13,000	13,400	0	0	0	0	26,400
<b>J4238 FY2018 AUTUMN GRAIN GATE</b> A project to bring Autumn Grain Gate into the public road system network.	0	320	0	0	0	0	320
<b>J4239 FY2014 OLD ROXBURY ROAD</b> A project to design and construct improvements to Old Roxbury Road.	175	735	0	0	0	0	910



**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : ROAD CONSTRUCTION PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>J4240 ROADWAY REHABILITATION/SAFETY PROGRAM</b> A project to correct safety or structural problems on existing roads.	0	1,450	250	0	0	0	1,700
<b>J4241 FY2011 US RT 1 RT 175 to MONTEVIDEO ROAD</b> A project for the design and reconstruction of approximately 2,500 feet of US1 from MD175 to Montevideo Road.	5,500	12,100	0	0	0	0	17,600
<b>J4242 FY2014 BRIGHTON DAM ROAD at HIGHLAND ROAD ROUNDABOUT</b> 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
<b>J4243 FY2016 McNEAL ROAD</b> Construction of a public access road.	0	1,500	0	0	0	0	1,500
<b>J4244 FY2015 BUSINESS PARKWAY-BLUESTREAM DRIVE EMERGENCY ACCESS</b> A project to design and construct a connection between Business Parkway and Bluestream Drive to act as an emergency access or exit.	45	130	0	0	0	0	175
<b>J4711 FY2011 DEVELOPER INSPECTION PROGRAM</b> 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.	8,000	0	0	0	0	0	8,000
	<b>217,668</b>	<b>101,690</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>319,608</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**ROAD-ROAD CONSTRUCTION PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	Total
			2021 Budget	2022 Budget	2023 Budget	2024 Budget		
B BONDS	25,687	11,040	250	0	0	0	0	36,977
D DEVELOPER CONTRIBUTION	21,615	400	0	0	0	0	0	22,015
E EXCISE TAX	20,972	0	0	0	0	0	0	20,972
G GRANTS	1,230	0	0	0	0	0	0	1,230
O OTHER SOURCES	1,549	0	0	0	0	0	0	1,549
P PAY AS YOU GO	1,118	250	0	0	0	0	0	1,368
X EXCISE TAX BACKED BONDS	145,497	89,800	0	0	0	0	0	235,297
Z EDUCATION EXCISE BONDS	0	200	0	0	0	0	0	200
<b>Total</b>	<b>217,668</b>	<b>101,690</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>319,608</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SIDEWALKS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>K5034 FY2001 HUNT CLUB SIDEWALK</b> A project to construct approximately 4,000 LF of sidewalk along Hunt Club Road from US1 to Bauman Drive.	595	200	0	0	0	0	795
<b>K5035 FY1998 SCHOOL ROUTE PATHWAYS or SIDEWALKS</b> This project is for the installation of sidewalks and/or pathways to provide for improved routes for school children.	288	600	0	0	0	0	888
<b>K5036 FY1998 ROUTINE SIDEWALK / WALKWAY EXTENSIONS</b> A project to design and construct routine sidewalk and walkway extensions up to about 1,000 feet in length.	520	300	0	0	0	0	820
<b>K5038 FY1999 SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	1,505	0	0	0	0	0	1,505
<b>K5040 FY2005 GUILFORD RD PEDESTRIAN/BIKE IMPROVE</b> A project for the design and construction of sidewalk on one or both sides of Guilford Road between Oakland Mills Road and US1.	725	1,680	0	0	0	0	2,405
<b>K5043 SIDEWALK REPAIR PROGRAM</b> This project is for the repair of deteriorated sidewalks and driveway aprons that are in the public rights-of-way.	4,170	3,125	0	0	0	0	7,295
<b>K5052 FY2018 LONG GATE SIDEWALK</b> The project is for the reconstruction of approximately 1,500 LF concrete curb storm drain inlets and sidewalk along Long Gate Parkway, including the bridge over MD100.	0	325	250	0	0	0	575
<b>K5054 FY2003 ROADSIDE IMPROVEMENT PROGRAM</b> 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	1,480	0	0	0	0	5,195
<b>K5061 FY2007 PEDESTRIAN PLAN PROJECTS</b> A project for the ongoing evaluation, design and construction of pedestrian improvements listed in the Howard County Pedestrian Master Plan.	2,427	1,965	0	0	0	0	4,392
<b>K5062 FY2009 STATE ROADS SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	100	500	0	0	0	0	600
<b>K5063 FY2017 NORTH LAUREL ROAD SIDEWALK</b> A project for the design and construction of a sidewalk along the southwest side of North Laurel Road from Linville Ave to US1.	0	220	0	0	0	0	220
<b>K5064 FY2017 MISSION ROAD SIDEWALK</b> A project to install sidewalk along parts of Mission Road.	0	285	0	0	0	0	285

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SIDEWALKS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>K5065 FY2018 DONCASTER DRIVE SIDEWALK</b> A project to construct approximately 1,200 LF of sidewalk along Doncaster Drive from Roundhill Road to Hale Haven Road.	0	110	0	0	0	0	110
<b>K5066 FY2014 BICYCLE PLAN PROJECTS</b> A project for the implementation of the comprehensive Howard County Bicycle Master Plan.	1,600	1,700	0	0	0	0	3,300
	<b>15,645</b>	<b>12,490</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,385</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**SIDE-SIDEWALKS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	7,202	7,100	250	0	0	0	14,552
D DEVELOPER CONTRIBUTION	695	200	0	0	0	0	895
G GRANTS	1,650	415	0	0	0	0	2,065
O OTHER SOURCES	481	175	0	0	0	0	656
P PAY AS YOU GO	5,617	4,600	0	0	0	0	10,217
<b>Total</b>	<b>15,645</b>	<b>12,490</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,385</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : LIBRARY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>L0012 FY2007 MILLER BRANCH/HISTORICAL CENTER</b> 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.	27,945	0	0	0	0	0	27,945
<b>L0014 FY2011 MILLER BRANCH PHASE II: LIBRARY SPACE CONVERSION</b> This project repurposes the obsolete Howard County Library, Miller Branch into consolidated HCL business offices (23,000sf).	8,521	0	0	0	0	0	8,521
<b>L0015 FY2008 ELKRIDGE BRANCH/SENIOR CENTER</b> A project to provide additional required public library & senior center space in the RT1 Corridor of Elkridge.	22,200	3,905	0	0	0	0	26,105
<b>L0016 FY2012 RENOVATE CENTRAL &amp; EAST COLUMBIA BRANCHES</b> 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.	2,925	0	0	0	0	0	2,925
<b>L0017 FY2008 SAVAGE BRANCH</b> A project to provide additional required public library space in the RT1 Corridor of North Laurel.	6,075	0	0	0	0	0	6,075
	<b>67,666</b>	<b>3,905</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>71,571</b>

Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 LIBRA-LIBRARY PROJECTS

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	58,648	3,905	0	0	0	0	62,553
G GRANTS	5,353	0	0	0	0	0	5,353
O OTHER SOURCES	665	0	0	0	0	0	665
P PAY AS YOU GO	3,000	0	0	0	0	0	3,000
<b>Total</b>	<b>67,666</b>	<b>3,905</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>71,571</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : HOWARD COMMUNITY COLLEGE**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>M0526 FY1996 CAMPUS PARKING</b> Expand on-site parking by adding new lots and parking decks as necessary that will maximize the use, layout and accessibility of the existing campus.	15,167	0	0	0	0	0	15,167
<b>M0532 FY2010 ALLIED HEALTH INSTRUCTIONAL BUILDING</b> The design and construction of a health sciences building of approximately 112,692 GSF and 67,036 NASF.	50,707	0	0	0	0	0	50,707
<b>M0536 FY2015 NURSING and ST BUILDING RENOVATIONS</b> Renovate the Nursing Building and ST Building of approximately 101,000 GSF following the move of health sciences programs and science, engineering and technology programs into their new buildings.	1,532	39,748	0	0	0	0	41,280
<b>M0539 FY2018 MATHEMATICS BUILDING</b> The purpose of this project is to design and construct a new mathematics building of approximately 71,000 GSF.	0	25,720	0	0	0	0	25,720
<b>M0540 FY2008 SAFETY COMPLIANCE and FACILITY RENEWALS</b> This project will provide campuswide improvements and modifications to address safety, compliance, and facility renewals in accordance with accepted county and state codes.	11,585	10,828	1,231	1,237	1,243	1,250	27,374
<b>M0542 FY2016 CAMPUS ROADWAYS and PARKING</b> Provide required modifications to campus roadways and parking to accommodate necessary changes to vehicular and pedestrian traffic patterns.	8,683	23,747	13,800	1,600	18,500	0	66,330
<b>M0543 FY2012 SCIENCE ENGINEERING and TECHNOLOGY BLDG</b> Design and construct a science, engineering, and technology building of approximately 145,942 GSF.	24,060	49,956	0	0	0	0	74,016
<b>M0545 FY2017 MAINTENANCE BUILDING</b> The purpose of this project is to obtain a maintenance building to support plant operations and facilities.	0	14,840	0	0	0	0	14,840
<b>M0546 FY2019 ATHLETIC and FITNESS CENTER</b> Construct a new athletic and fitness center of approximately 110,000 GSF to replace the existing facility constructed in 1969.	0	23,800	19,600	6,400	0	0	49,800
<b>M0547 FY2020 CONTINUING EDUCATION BUILDING</b> 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	2,360	21,600	2,200	0	0	26,160
<b>M0548 FY2021 ENGLISH and WORLD LANGUAGES BUILDING</b> Construct a new facility of approximately 60,000 GSF to accommodate the English and world languages division.	0	0	2,280	20,800	2,200	0	25,280



**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : HOWARD COMMUNITY COLLEGE**

Project Description	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>M0549 FY2022 STUDENT LIFE BUILDING</b>	0	0	2,560	26,400	2,400	31,360
Construct a new student life building of approximately 60,000 GSF to serve the student life and student club activities at the college.						
	190,999	58,511	34,797	48,343	3,650	448,034
<b>Total</b>	<b>0</b>					
	111,734					

Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 HCC-HOWARD COMMUNITY COLLEGE

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	57,677	104,747	29,871	18,017	24,793	2,450	237,555
G GRANTS	38,890	78,772	28,640	16,780	23,550	1,200	187,832
O OTHER SOURCES	15,167	7,480	0	0	0	0	22,647
<b>Total</b>	<b>111,734</b>	<b>190,999</b>	<b>58,511</b>	<b>34,797</b>	<b>48,343</b>	<b>3,650</b>	<b>448,034</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : PARKS PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>N3102 FY2000 BLANDAIR REGIONAL PARK</b> 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.	29,073	24,300	0	0	0	0	53,373
<b>N3103 FY2000 PARKLAND ACQUISITION PROGRAM</b> This project establishes a fund for County-wide park land acquisition and related expenses.	23,033	2,520	0	0	0	0	25,553
<b>N3105 FY1995 MEADOWBROOK PARK</b> A project to master plan, design, and develop an 84-acre park located southeast of MD100/US29.	8,473	0	0	0	0	0	8,473
<b>N3107 FY2000 ROCKBURN BRANCH PARK</b> A project to provide additional improvements at Rockburn Park to include the Clover Hill Historic Site, a maintenance building, synthetic turf fields, parking, field and court lighting, a restroom and utility extensions.	5,779	1,050	0	0	0	0	6,829
<b>N3108 FY2004 PARK SYSTEMIC IMPROVEMENTS</b> 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.	19,501	6,350	0	0	0	0	25,851
<b>N3109 FY2004 PARKS RESURFACING PROGRAM</b> A project to fund roadway, pathway, trails, parking lot, playground and game court resurfacing, replacement and additions within the County's park system.	5,440	2,500	0	0	0	0	7,940
<b>N3932 FY2000 WESTERN REGIONAL PARK</b> A project to design and construct a 160-acre regional park located northwest of the intersection of Carrs Mill Road and MD97.	18,161	2,900	0	0	0	0	21,061
<b>N3940 FY2000 NORTH LAUREL PARK</b> A project to design and construct a 51-acre park and outdoor swimming pool lying northeast of North Laurel Road and Washington Avenue.	6,526	4,000	0	0	0	0	10,526
<b>N3947 FY1999 NEIGHBORHOOD PLAYGROUND PROGRAM</b> This project will develop neighborhood playground facilities on County parkland or open space throughout the County where community need has been demonstrated.	228	0	0	0	0	0	228
<b>N3953 FY2000 CENTENNIAL LAKE RESTORATION</b> A project to design and construct improvements to Centennial Lake to include dredging, artificial aeration, and shoreline stabilization.	687	6,000	0	0	0	0	6,687
<b>N3957 FY2003 TROY PARK &amp; HISTORIC REHABILITATION</b> A project to acquire an additional 5 acres, rehabilitate an 1820 historic house, and design and construct a 106 acre Regional Park at MD100 and US1.	22,543	23,300	0	0	0	0	45,843

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : PARKS PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>N3958 FY2003 HISTORIC STRUCTURES REHABILITATION</b> This project creates a fund for the preservation and rehabilitation of historic properties under the management of the Department of Recreation and Parks.	5,498	2,500	0	0	0	0	7,998
<b>N3959 FY2005 PATAPSCO FEMALE INSTITUTE SITE WORK</b> 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
<b>N3960 FY2006 ROBINSON PROPERTY NATURE CENTER</b> 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.	17,303	0	0	0	0	0	17,303
<b>N3962 FY2008 CENTENNIAL PARK IMPROVEMENTS</b> 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, pier and boat ramp upgrades, shop/office addition, boat rental expansion, pavilion and restroom upgrades, stage renovations, roadway/parking repairs and upgrades, court renovations, pathway and seating area renovation, and new signage.	614	1,800	0	0	0	0	2,414
<b>N3963 FY2009 PATHWAY and TRAIL REHAB and EXPANSION</b> A project to rehabilitate and expand the existing Pathway and Trail System throughout the County.	900	1,100	0	0	0	0	2,000
<b>N3964 FY2007 ALPHA RIDGE PARK ADDITIONS</b> A project to design and construct a restroom, a lighted pavilion over the existing roller hockey rink, parking expansion, a pathway and parking lot courtesy lights within Alpha Ridge Park located on RT99 just east of Sand Hill Road.	670	0	0	0	0	0	670
<b>N3965 FY2007 MIDDLE PATUXENT IMPROVEMENTS</b> 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.	1,270	0	0	0	0	0	1,270
<b>N3967 FY2007 SOUTH BRANCH PARK</b> A project to design and construct a seven-acre park located at Old West Friendship Road and the Patapsco River just south of Sykesville.	760	1,000	0	0	0	0	1,760
<b>N3968 FY2007 CEDAR LANE ATHLETIC FIELD IMPROVEMENTS</b> A project to upgrade the athletic field lighting and fencing at Cedar Lane Park located at MD108 and Cedar Lane.	2,253	0	0	0	0	0	2,253
<b>N3969 FY2019 HAMMOND PARK RESTROOM</b> A project to design and construct a restroom within the existing Hammond Community Park located at the end of Glen Hannah Drive.	0	495	0	0	0	0	495

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : PARKS PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>N3970 FY2008 RECREATION and PARKS HEADQUARTERS EXPAN</b> 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	2,897	0	0	0	0	3,015
<b>N3971 FY2009 FOREST CONSERVATION MITIGATION EASEMENT</b> <b>PGM</b> 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
<b>N3972 FY2011 DEFAULTED FOREST CONSERVATION and LANDSCAPING</b> 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.	460	0	0	0	0	0	460
<b>N3973 FY2014 EAST COLUMBIA LIBRARY ATHLETIC FIELD and SITE IMPROVEMENTS</b> A project to upgrade the athletic fields at East Columbia Library, located off of Cradlerock in Columbia.	3,700	0	0	0	0	0	3,700
	<b>177,627</b>	<b>82,712</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>260,339</b>

Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 PARKS-PARKS PROJECTS

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	82,443	71,092	0	0	0	0	153,535
D DEVELOPER CONTRIBUTION	504	0	0	0	0	0	504
G GRANTS	44,092	3,700	0	0	0	0	47,792
O OTHER SOURCES	9,124	120	0	0	0	0	9,244
P PAY AS YOU GO	2,176	0	0	0	0	0	2,176
T TRANSFER TAX	39,288	7,800	0	0	0	0	47,088
<b>Total</b>	<b>177,627</b>	<b>82,712</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>260,339</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : POLICE PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>P4920 FY2001 MOBILE DATA POLICE COMPUTERS</b> 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
<b>P4922 FY2006 SPECIALTY VEHICLE STORAGE BLDG</b> A project for the design and construction of a large vehicle storage building on the grounds of the Public Safety Complex on Scaggsville Road, and two smaller flare storage buildings.	1,655	0	0	0	0	0	1,655
<b>P4926 FY2009 CHILD ADVOCACY CENTER</b> 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
<b>P4927 FY2009 CRIMINAL INVESTIGATIONS BUREAU BLDG/WARFIELD ADDITION</b> A project for the construction of new Criminal Investigations space & space for relocation of Police forces from the Gateway Bldg, as an addition to the present Northern District Police Station.	0	11,565	0	0	0	0	11,565
<b>P4928 FY2015 NEW/THIRD POLICE STATION</b> Construct a third fully staffed 24-hour operation Police Station.	100	19,200	0	0	0	0	19,300
	<b>6,255</b>	<b>37,860</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>44,115</b>

Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 POLICE-POLICE PROJECTS

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	1,755	37,860	0	0	0	0	39,615
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
<b>Total</b>	<b>6,255</b>	<b>37,860</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>44,115</b>



**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SEWER PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>S6175 FY2001 LITTLE PATUXENT WATER/WASTEWATER PARALLEL SEWER</b> A project for the study, design and construction of the Little Patuxent Parallel Sewer.	53,230	0	0	0	0	0	53,230
<b>S6189 FY2001 N LAUREL PUMP STATION</b> A project for the design and replacement of the North Laurel Wastewater Pump Station to increase the pumping capacity of the station to meet projected wastewater flows.	9,130	0	0	0	0	0	9,130
<b>S6214 SEWER CONTINGENCY FUND</b> 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
<b>S6232 FY2001 SEWER CORROSION CORRECTION PROGRAM</b> A project to televise sewer pipes in the County's sanitary sewer system for evidence of corrosion.	9,935	2,040	0	0	0	0	11,975
<b>S6237 FY2001 PATAPSCO CONVEY/TREAT FACILITIES</b> 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
<b>S6249 DEFAULTED DEVELOPER AGREEMENTS</b> 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
<b>S6250 FY2004 PATAPSCO SERVICE AREA ASSESSMENT</b> A project for the study and evaluation of the Patapsco sewer service area from the Daniels area to the Deep Run.	1,780	0	0	0	0	0	1,780
<b>S6260 FY2007 ROCKBURN HILL ROAD SEWER</b> A project to provide sewer service to properties along Rockburn Hill Road.	4,025	0	0	0	0	0	4,025
<b>S6264 FY2008 LPWRP CAPITAL REPAIRS</b> 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.	23,588	6,995	0	0	0	0	30,583
<b>S6268 FY2008 PIPELINE REHABILITATION PROGRAM</b> A project to protect and stabilize sewers and water mains in areas where stream and soil erosion have compromised the integrity of the system.	4,830	1,950	0	0	0	0	6,780

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SEWER PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>S6269 FY2009 ASHLEIGH KNOLLS SHARED SEWAGE DISP FAC UPGD</b> 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.	824	0	0	0	0	0	824
<b>S6271 FY2010 DEEP RUN INTERCEPTOR IMPROVEMENTS</b> A project for the design and construction of 1,400 LF of replacement sewer, a third 150-foot 18-inch siphon and junction chambers on the Deep Run Interceptor in the vicinity of the Patapsco River.	1,660	0	0	0	0	0	1,660
<b>S6273 FY2011 LITTLE PATUXENT INTERCEPTOR IMPROVEMENTS</b> 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
<b>S6274 FY2015 UPPER LITTLE PATUXENT PARALLEL SEWER</b> A project for the design and construction of 2,500 LF of parallel sewer, adjacent to the Little Patuxent Interceptor Sewer, north of MD108.	400	1,600	0	0	0	0	2,000
<b>S6275 FY2012 DANIELS AREA PUMPING STATION</b> 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.	1,800	0	0	0	0	0	1,800
<b>S6276 FY2011 SEWER CLEANING MAPPING AND TELEVISION INSPECTION MAINTENANCE</b> Develop a Sewer Manhole and Line Segment Inspection and Cleaning Program that will include all County owned water sewer lines within the collection system.	4,417	2,919	0	0	0	0	7,336
<b>S6277 FY2014 OLD FREDERICK ROAD SEWER</b> A project for the design and construction of 750 LF sewer in Old Frederick Road north of Howard Run Drive to serve 6 properties on Old Frederick Road.	230	0	0	0	0	0	230
<b>S6279 FY2013 MEADOWRIDGE FORCE MAIN REPLACEMENT</b> 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.	1,250	0	0	0	0	0	1,250
<b>S6280 FY2013 HAMMOND/PATUXENT INTERCEPTOR IMPROVEMENTS</b> A project for the study, design and construction of 20,000 feet of parallel sewer in the Hammond Branch and Patuxent sewer drainage areas.	2,950	4,100	4,750	0	0	0	11,800
<b>S6281 FY2013 DORSEY/GUILFORD INTERCEPTOR IMPROVEMENTS</b> 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.	1,505	6,850	10	0	0	0	8,365

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SEWER PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>S6282 FY2013 BONNIE BRANCH/ROCKBURN INTERCEPTOR IMPROVEMENTS</b> A project for the design and construction of 5,700 feet of parallel sewer in the Bonnie Branch sewer drainage area and the re-commissioning and upgrade of the Kerger Road Pumping Station and force main.	3,370	1,955	0	0	0	0	5,325
<b>S6283 FY2013 TIBER/SUCKER BRANCH INTERCEPTOR IMPROVEMENTS</b> A project for the design and construction of 18,000 feet of parallel sewer in the Tiber Branch and Sucker Branch sewer drainage areas.	2,915	6,390	0	0	0	0	9,305
<b>S6284 FY2013 DEEP RUN/SHALLOW RUN INTERCEPTOR IMPROVEMENTS</b> A project for the design and construction of 39,000 feet of parallel sewer in the Deep Run and Shallow Run sewer drainage areas.	4,205	16,005	0	0	0	0	20,210
<b>S6285 FY2016 MD108 PUMP STATION OUTFALL IMPROVEMENTS</b> 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.	0	1,300	0	0	0	0	1,300
<b>S6286 FY2013 DORSEY RUN PUMP STATION UPGRADE</b> A project to upgrade and increase the pumping capacity of the Dorsey Run Pumping Station.	4,567	0	0	0	0	0	4,567
<b>S6287 FY2021 NORTH LAUREL PUMP STATION PARALLEL FORCE MAIN</b> 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.	0	0	170	1,630	0	0	1,800
<b>S6288 FY2020 ROCKBURN PUMPING STATION UPGRADE</b> A project to upgrade and increase the pumping capacity of the Rockburn Pumping Station.	0	330	2,990	0	0	0	3,320
<b>S6289 FY2014 PARK AVENUE SEWER EXTENSION</b> A project for the design and construction of 350 LF of 8-inch sewer to serve three properties on Park Avenue in Ellicott City.	225	0	0	0	0	0	225
<b>S6290 FY2014 SAVAGE AREA SEWER STUDY and REALIGNMENT</b> 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.	1,200	0	0	0	0	0	1,200
<b>S6291 FY2014 MD ROUTE 99 SEWER EXTENSION</b> A project for the design and construction of 250 LF of sewer to serve one property located on MD Route 99.	90	0	0	0	0	0	90

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SEWER PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>S6292 FY2015 OLD FREDERICK ROAD SEWER</b> A project for the design and construction of 900 LF of sewer to serve four properties located on Old Frederick Road.	300	0	0	0	0	0	300
<b>S6293 FY2015 TURF VALLEY ROAD SEWER</b> A project for the design and construction of 2,000 LF of sewer to serve three properties located on US40.	700	0	0	0	0	0	700
<b>S6294 FY2015 ANNAPOLIS JUNCTION PUMPING STATION RENOVATION</b> A project for the renovation of the Annapolis Junction Pumping Station.	275	0	0	0	0	0	275
<b>S6698 ROUTINE SEWER EXTENSION PROGRAM</b> A project to design and construct routine sewer main extensions in the Metropolitan District requested by landowners.	3,625	3,125	0	0	0	0	6,750
<b>S6699 ON SITE SEPTIC SYSTEM CONVERSION PROGRAM</b> 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.	3,000	15,000	0	0	0	0	18,000
<b>S6711 FY2011 DEVELOPER INSPECTION PROGRAM</b> 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.	6,000	0	0	0	0	0	6,000
<b>S6812 FY2012 ADV DEPOSIT LARGE HSE CONNECTIONS</b> 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 inch and larger, short main extensions, or other appurtenances.	150	0	0	0	0	0	150
<b>S6862 FY2012 SEWER HOUSE CONNECTIONS</b> A project to provide for the construction of sewer house connections by the Bureau of Utilities for residential sizes 4 and 6 inch.	150	0	0	0	0	0	150
<b>S6950 DEVELOPER CONSTRUCTED HOUSE CONNECTIONS</b> 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
<b>S6960 FY2015 DEVELOPER CONSTRUCTED MAJOR FACILITIES</b> 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
	<b>297,706</b>	<b>77,559</b>	<b>7,920</b>	<b>1,630</b>	<b>0</b>	<b>0</b>	<b>384,815</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**SEWER-SEWER PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021		FISCAL 2022		FISCAL 2023		FISCAL 2024		Total
			Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
B BONDS	662	0	0	0	0	0	0	0	0	0	662
C UTILITY CASH	51,625	10,985	0	0	0	0	0	0	0	0	62,610
D DEVELOPER CONTRIBUTION	8,050	0	0	0	0	0	0	0	0	0	8,050
G GRANTS	10,000	0	0	0	0	0	0	0	0	0	10,000
I IN-AID of CONSTRUCT UTILITIES	14,746	2,919	0	0	0	0	0	0	0	0	17,665
M METRO DISTRICT BOND	183,150	63,655	7,920	1,630	0	0	0	0	0	0	256,355
O OTHER SOURCES	5,375	0	0	0	0	0	0	0	0	0	5,375
P PAY AS YOU GO	162	0	0	0	0	0	0	0	0	0	162
W WATER QUALITY State Bond Loan	23,936	0	0	0	0	0	0	0	0	0	23,936
<b>Total</b>	<b>297,706</b>	<b>77,559</b>	<b>7,920</b>	<b>1,630</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>384,815</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : TRAFFIC IMPROVEMENTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>T7087 FY1999 STREET LIGHT SETBACK SAFETY PROGRAM</b> A program to provide safety improvements along arterial roadways in Columbia by setting back and upgrading all existing street lights.	600	0	0	0	0	0	600
<b>T7088 FY2001 SCHOOL CROSSWALK IMPROVEMENTS</b> 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.	1,193	250	100	100	100	100	1,843
<b>T7089 FY2005 RESIDENTIAL TRAFFIC CALMING</b> A project to construct geometric roadway changes to reduce traffic speeding in residential areas.	1,210	300	0	0	0	0	1,510
<b>T7094 FY2007 STREET LIGHTING PROGRAM</b> This project is for the installation of new street lights in existing communities and commercial/industrial areas, and the conversion of existing post-top style street lights to high pressure sodium vapor fixtures.	2,075	630	0	0	0	0	2,705
<b>T7101 FY2008 STATE/COUNTY SHARED INTERSECTIONS</b> A project for the design, review and construction funding of geometric and traffic control modifications at various intersections of State and / or County roads.	1,400	0	0	0	0	0	1,400
<b>T7102 FY2008 STREET SIGN PROGRAM</b> 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.	600	180	0	0	0	0	780
<b>T7103 FY2009 STATE/COUNTY SHARED TRAFFIC CONTROL</b> A project for design, review and construction funding of traffic control at various intersections of State and County roads.	800	950	0	0	0	0	1,750
<b>T7104 FY2009 DEVELOPER/COUNTY SIGNALS</b> A project to facilitate the design, construction, and modification of traffic signals and appurtenances at various new development locations where warranted.	1,100	50	0	0	0	0	1,150
<b>T7105 FY2011-SIGNALIZATION PROGRAM</b> 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.	1,760	1,600	0	0	0	0	3,360
<b>T7106 INTERSECTION IMPROVEMENT PROGRAM</b> This project is for the study, design and construction of geometric and pedestrian modifications to improve the safety or increase capacity at various intersections.	1,690	690	0	0	0	0	2,380

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : TRAFFIC IMPROVEMENTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
T7107 FY2014 DOWNTOWN COLUMBIA PATUXENT BRANCH TRAIL EXTENSION A project connecting Downtown Columbia at Lake Kittamaquindi and extending to the existing Patuxent Branch Trail.	50	1,550	0	0	0	0	1,600
	12,478	6,200	100	100	100	100	19,078

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**TRAF-TRAFFIC IMPROVEMENTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	3,843	4,680	100	100	100	100	8,923
D DEVELOPER CONTRIBUTION	1,280	200	0	0	0	0	1,480
E EXCISE TAX	600	0	0	0	0	0	600
G GRANTS	460	1,000	0	0	0	0	1,460
O OTHER SOURCES	755	20	0	0	0	0	775
P PAY AS YOU GO	2,840	300	0	0	0	0	3,140
X EXCISE TAX BACKED BONDS	2,700	0	0	0	0	0	2,700
<b>Total</b>	<b>12,478</b>	<b>6,200</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>19,078</b>



**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : COMMUNITY RENEWAL**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>U7097 FY2012 NEW ROGER CARTER RECREATION CENTER</b> This project is for the design and construction of a community recreation center on Ellicott Mills Drive in Ellicott City.	5,923	0	0	0	0	0	5,923
	<b>5,923</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,923</b>

Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 URBAN-COMMUNITY RENEWAL

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	1,423	0	0	0	0	0	1,423
O OTHER SOURCES	4,500	0	0	0	0	0	4,500
<b>Total</b>	<b>5,923</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,923</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>W8146 ACQUISITION CONTINGENCY FUND</b> 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.	600	0	0	0	0	0	600
<b>W8200 FY2007 US29 WATER PUMP STATION IMPROVEMENTS</b> A project for the design and construction of improvements to the US29 water pumping station to increase pumping capacity of the station to meet projected demands.	2,185	0	0	0	0	0	2,185
<b>W8206 FY1995 METALLIC PIPELINE CORROSION STUDIES</b> A project to fund the study, maintenance, and remediation of corrosion related failures at various locations throughout the County.	3,600	1,300	0	0	0	0	4,900
<b>W8207 FY1995 P.C.C.P. STUDY and FAILURE MITIGATION</b> A project to investigate and determine the condition of all prestressed concrete cylinder pipe (PCCP) transmission mains in the water distribution system.	9,250	0	0	0	0	0	9,250
<b>W8218 WATER CONTINGENCY FUND</b> 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.	650	0	0	0	0	0	650
<b>W8220 FY1998 SHARED WATER FACILITY IMPROVEMENTS</b> 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.	21,050	100,000	0	0	0	0	121,050
<b>W8245 FY2003 RIGHT of WAY RESTORATION PROGRAM</b> The State and County roads, sidewalks and curbs which are damaged, primarily by water main breaks, require permanent restoration.	3,301	1,236	0	0	0	0	4,537
<b>W8248 FY2002 SLEEVES RELOCATIONS &amp; APPURTENANCES</b> 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.	7,650	0	0	0	0	0	7,650
<b>W8262 FY2004 GUILFORD ELEVATED WATER TANK</b> A project for the design and construction of a 2.	5,530	0	0	0	0	0	5,530
<b>W8263 FY2004 MARRIOTTVILLE RD ELEVATED TANK</b> A project for the design and construction of a 1.	5,050	0	0	0	0	0	5,050
<b>W8265 FY2005 US 29/BROKEN LAND PARKWAY 30inch WATER</b> 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

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>W8267 FY2005 WATER VALVE MANAGEMENT SYSTEM</b> This project will develop a water valve information database which catalogs all County owned valves within the water distribution system.	1,342	495	0	0	0	0	1,837
<b>W8269 FY2005 PARTICIPATION 3RD ZONE WATER SUPPLY</b> 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
<b>W8274 FY 2007 SCADA SYSTEM UPGRADE</b> A project to upgrade the Supervisory Control and Data Acquisition System (SCADA) at the Bureau of Utilities Operations building and all remote sites.	2,539	2,295	0	0	0	0	4,834
<b>W8276 FY2007 SOUTHWEST TRANSMISSION MAIN REPLACEMENT</b> A project to assess the condition of 38,000 LF of 54-inch and 36-inch diameter water mains in Baltimore City, Baltimore County and Howard County and to relocate and/or replace defective or inadequate portions of pipeline.	23,500	0	0	0	0	0	23,500
<b>W8289 FY2009 WATER METER BATTERY REPLACEMENT</b> This project is to provide for the replacement of the battery systems 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.	10,796	6,180	0	0	0	0	16,976
<b>W8290 FY2009 BUREAU of UTILITIES MAINT YARD UPGRADE</b> A project to study, design, and reconstruct the Bureau of Utilities maintenance yard.	2,680	0	0	0	0	0	2,680
<b>W8291 FY2009 ELEVATED WATER TANK RECOATING</b> A project to study, prioritize, and conduct repairs/recoating to the County water system's existing elevated water storage tanks.	5,624	618	0	0	0	0	6,242
<b>W8292 FY2009 DORSEY RUN ROAD PHASE B WATER MAIN</b> 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
<b>W8293 FY2009 HICKORY GLEN DRIVE WATER MAIN LOOP</b> A project for the design and construction of 500 LF of 8-inch water main to loop the water system in Jerrys Drive to the water system in Hickory Ridge Road.	210	0	0	0	0	0	210
<b>W8296 FY2010 US29 WATER MAIN/MD108 TO BROKEN LAND PKWY</b> A project for the design and construction of 18,000 LF of 36-inch water main within the US29 corridor from MD108 to Brokenland Parkway.	27,500	0	0	0	0	0	27,500
<b>W8297 FY2010 KINDLER ROAD WATER MAIN</b> A project for the design and construction of 3,100 LF of 12-inch water main on Kinder Road from First League to Woodstream Way.	1,400	0	0	0	0	0	1,400

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>W8299 FY2011 PINE ORCHARD WATER PUMPING STATION IMPROVEMENTS</b> A project to upgrade the Pine Orchard Water Pumping Station.	1,300	0	0	0	0	0	1,300
<b>W8300 FY2011 LEVERING AVENUE WATER MAIN</b> A project for the design and construction of 6,350 LF of 16-inch water main from Gun Road in the Patapsco State Park in Baltimore County to Levering Avenue in Howard County to US1.	3,286	0	0	0	0	0	3,286
<b>W8301 FY2012 GRACE DRIVE WATER MAIN LOOP</b> A project for the design and construction of 900 LF of 12-inch water main loop along Grace Drive (550 zone) to Quiet Night Ride (630 west zone).	420	0	0	0	0	0	420
<b>W8303 FY2018 LOUDON AVE/RAILROAD STREET WATER MAIN</b> 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.	0	1,000	0	0	0	0	1,000
<b>W8304 FY2015 COLUMBIA WATER PUMPING STATION IMPROVEMENTS</b> A project to upgrade the Columbia Water Pumping Station.	240	1,010	0	0	0	0	1,250
<b>W8305 FY2018 LANDING ROAD WATER MAIN LOOP</b> 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.	0	1,500	0	0	0	0	1,500
<b>W8306 FY2013 SANNER ROAD WATER MAIN LOOP</b> A project for the design and construction of 4,000 LF of 12-inch water main from Maple Lawn to Sanner Road.	2,000	0	0	0	0	0	2,000
<b>W8307 FY2013 BROKEN LAND PKWY WATER MAIN</b> A project for the design and construction of 4,100 LF of 30-inch water main along Brokenland Parkway from Stevens Forest Road to Cradlerock Way.	5,000	0	0	0	0	0	5,000
<b>W8308 FY2013 US29 WATER MAIN/MD32 TO MD216</b> A project for the design and construction of 14,000 LF of 24-inch water main parallel to US29 from MD32 to MD216.	1,490	9,010	0	0	0	0	10,500
<b>W8309 FY2014 MISSION ROAD WATER MAIN LOOP</b> A project for the design and construction of 4,500 LF of 12-inch water main along Mission Road to Columbia Gateway Drive.	1,860	0	0	0	0	0	1,860
<b>W8311 FY2011 US 40 WATER SERVICE MAIN REPLACEMENT</b> A project for the design and construction of 6,200 LF of 8-inch replacement water main within US40 from US29 to Dogwood Drive.	2,600	0	0	0	0	0	2,600
<b>W8312 FY2011 ROCKBURN HILL (CROSSVIEW RD) WATER MAIN</b> A project for the design and construction of 1,200 LF of 8-inch water main from the terminus of County owned Rockburn Hill Road, west to Crossview Road to serve 6 properties.	705	0	0	0	0	0	705

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>W8313 FY2011 FIRE HYDRANT INSPECTION PROGRAM</b> Develop a water Fire Hydrant Inspection Program that will include all County owned water Fire Hydrants within the distribution system.	3,381	2,619	0	0	0	0	6,000
<b>W8314 FY2011 RECLAIMED WATER IMPLEMENTATION STUDY</b> A Project to develop engineering standards, plumbing standards, and County Code modifications for the implementation user connection to the County's reclaimed water system.	150	0	0	0	0	0	150
<b>W8315 FY2012 WATER SYSTEM ELEVATED STORAGE AND CONVEYANCE STUDY</b> A project to study the County's elevated water storage and conveyance needs to meet existing and future demands for domestic use and emergency fire storage.	300	0	0	0	0	0	300
<b>W8316 FY2013 ILCHESTER ROAD WATER MAIN REHABILITATION</b> A project for the rehabilitation of 5,800 feet of 12-inch water main within Ilchester Road from Montgomery Road to Ellis Lane and reinforcement of the 630 zone.	2,550	500	0	0	0	0	3,050
<b>W8317 FY2013 ELKRIDGE PUMP STATION IMPROVEMENTS</b> A project for the design and installation of a 1,000 kW emergency generator and electrical, mechanical, and structural improvements at the Elkridge Water Pumping Station.	2,880	0	0	0	0	0	2,880
<b>W8318 FY2013 MONTGOMERY ROAD WATER MAIN REHABILITATION</b> A project for the rehabilitation of 12,000 feet of 12-inch water main within Montgomery Road from Lawyers Hill Road to Rockburn Drive.	5,450	0	0	0	0	0	5,450
<b>W8319 FY2013 BLANDAIR PARK WATER and SEWER EXTENSION</b> A project for the design and construction of 2,200 LF of water main and 2,000 LF of sewer to serve Blandair Regional Park.	515	0	0	0	0	0	515
<b>W8320 FY2013 WHISKEY BOTTOM PUMP STATION RELOCATION</b> A project to relocate the Whiskey Bottom Road pumping station and related suction and discharge pipelines and to increase pumping capacity.	1,000	4,000	0	0	0	0	5,000
<b>W8321 FY2013 PIRCH WAY/ASPERN DRIVE WATER REPLACEMENT</b> A project for the design and construction of 3,000 LF of 8-inch water main within the Pirch Way/Aspern Drive community.	1,315	0	0	0	0	0	1,315
<b>W8322 FY2013 WILDE LAKE WATER MAIN STUDY and REHABILITATION</b> 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
<b>W8323 FY2013 FORT MEADE RECLAIMED WATER</b> A project for the design and construction of a diversion structure, pumping station, elevated storage tank and reclaimed water lines to supply Fort Meade with reclaimed water to be used for non-potable purposes.	55,000	0	0	0	0	0	55,000

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>W8324 FY2014 WATER SYSTEM LOOPING/FIRE PROTECTION UPGRADE</b> 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 required for fire protection.	1,500	2,500	0	0	0	0	4,000
<b>W8325 FY2014 RECLAIMED WATER SYSTEM DEVELOPMENT</b> 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.	4,573	3,892	0	0	0	0	8,465
<b>W8326 FY2015 SAINT PAUL STREET WATER MAIN</b> A project for the design and construction of 400 LF of 8-inch water main in Saint Paul Street in Ellicott City.	175	0	0	0	0	0	175
<b>W8327 FY2015 OLD LAWYER HILL ROAD WATER SUPPLY MAIN REPLACEMENT</b> A project for the replacement of 2,300 LF of 8-inch water main in Old Lawyers Hill Road.	950	0	0	0	0	0	950
<b>W8328 FY2015 630 WEST ZONE WATER PUMPING STATION</b> A project for the design and construction of a pumping station to serve the Elevation 630 West water zone.	1,340	8,660	0	0	0	0	10,000
<b>W8329 FY2015 PCCP STUDY AND FAILURE MITIGATION</b> A project to investigate and determine the condition of all prestressed concrete cylinder pipe (PCCP) transmission mains in the water distribution system.	1,500	2,500	0	0	0	0	4,000
<b>W8600 UTILITY SYSTEMIC ADDITIONS / IMPROVEMENTS</b> A project for the design and construction of various additions and improvements to the water and sewer system or its associated infrastructure.	12,115	0	0	0	0	0	12,115
<b>W8698 ROUTINE WATER EXTENSION PROGRAM</b> A project to design and construct routine water main extensions in the Metropolitan District requested by landowners.	3,025	3,125	0	0	0	0	6,150
<b>W8812 FY2012 ADV DEPOSIT LARGE WATER HSE CONNECTIONS</b> 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.	252	0	0	0	0	0	252
<b>W8862 FY2012 WATER HOUSE CONNECTIONS</b> A project to provide for the construction of water house connections by the Bureau of Utilities for residential size up to 1 inch.	500	0	0	0	0	0	500

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : WATER PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>W8900 FY2011 DEVELOPER REBATES WATER &amp; SEWER</b> 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.	2,000	0	0	0	0	0	2,000
<b>W8913 FY2013 DEVELOPER REBATES WATER &amp; SEWER</b> 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.	2,000	0	0	0	0	0	2,000
	<b>279,909</b>	<b>171,440</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>451,349</b>



**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**WATER-WATER PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
C UTILITY CASH	85,507	114,006	0	0	0	0	199,513
D DEVELOPER CONTRIBUTION	752	0	0	0	0	0	752
G GRANTS	115	0	0	0	0	0	115
I IN-AID of CONSTRUCT UTILITIES	9,998	4,247	0	0	0	0	14,245
M METRO DISTRICT BOND	183,452	53,187	0	0	0	0	236,639
O OTHER SOURCES	85	0	0	0	0	0	85
<b>Total</b>	<b>279,909</b>	<b>171,440</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>451,349</b>



**Amendment 1 to Council Resolution No. 44-2014**

**BY: Chairperson at the request  
of the County Executive**

**Legislative Day No. 6  
Date: May 21, 2014**

**Amendment No. 1**

*(This amendment reflects changes to the Capital Program for Fiscal Years 2016 through 2020 and to the Extended Capital Program for Fiscal Years 2021 through 2024 as a result of changes to the Capital Budget for Fiscal Year 2015.)*

1 In the Capital Program for Fiscal Years 2016 through 2020, attached to the Resolution as  
2 introduced, remove pages 4, 5, 7, 8, 9, 10, 11, 14, 15 and ~~29, 29, 48, 49, 50~~ and substitute pages  
3 4, 5, 7, 8, 9, 10, 11, 14, 15 and ~~29, 29, 48, 49, 50~~ as attached to this amendment.

4  
5 In the Extended Capital Program for Fiscal Years 2020 through 2023, attached to the Resolution  
6 as introduced, remove pages 63, 64, 66, 67, 68, 70, 71, 74, 75, and ~~89, 89, 109, and 110~~ and  
7 substitute pages 63, 64, 66, 67, 68, 70, 71, 74, 75, and ~~89, 89, 109, and 110~~ as attached to this  
8 amendment.

ADOPTED 5/21/2014  
FAILED \_\_\_\_\_  
SIGNATURE D. J. Tolles

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>C0182 FY1985 PUBLIC SAFETY EDUCATION CENTER</b> A project for design and construction of a group of facilities for training of public safety employees.	27,326	1,185	7,940	0	0	36,451
<b>C0214 FY199- CATEGORY CONTINGENCY FUND</b> 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.	70,600	10,000	0	10,000	0	100,600
<b>C0256 ENVIRONMENTAL ASSESSMNT CONTINGENCY FUND</b> 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.	470	50	26	50	26	672
<b>C0264 FY1998 SYSTEMIC FACILITY IMPROVEMENTS</b> 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 to provide for system management initiatives, energy initiatives, or environmental initiatives.	26,980	0	0	0	0	26,980
<b>C0282 FY2001 GOVERNMENT SERVICE CAMPUS</b> A project to purchase, renovate or construct additional County office space, Courthouse and related parking both at the current County campus location in Ellicott City and at additional locations (outside of the current campus) which are being explored.	77,264	0	0	0	0	77,264
<b>C0285 FY2002 US1 CORRIDOR REVITALIZATION</b> 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.	8,050	1,000	1,000	1,000	1,000	13,050
<b>C0286 FY2002 BUS STOP IMPROVEMENTS</b> A project to implement a series of systemic improvements to Howard Transit bus stops.	1,719	0	0	0	0	1,719
<b>C0287 FY2002 COMMUNITY RENEWAL / ENHANCEMENTS</b> A project to design and implement a series of pedestrian improvements, streetscape enhancements and repair or enhancement of public green spaces.	889	100	100	100	100	1,389
<b>C0289 FY2002 TRANSIT OPERATION REPAIR FACILITY</b> A project for site selection, acquisition, design and construction of a multi-jurisdictional transit facility.	15,619	0	0	0	0	15,619
<b>C0290 FY2003 COURTHOUSE RENOVATION</b> A project to expand and renovate the existing courthouse.	8,580	19,800	8,600	0	0	36,980

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>C0298 FY2005 US 40 CORRIDOR ENHANCEMENT</b> A project to plan, design and implement improvements (eg 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	200	200	200	200	200	200	200	200	200	200	2,050
<b>C0299 FY2005 WASTE MANAGEMENT IMPROVEMENTS</b> 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	1,084	760	512	1,186	0	0	0	0	0	0	26,608
<b>C0301 FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES</b> A project to upgrade infrastructure of the County's Local Area Networks and Wide Area Networks.	16,446	2,000	1,740	0	0	0	0	0	0	0	0	20,186
<b>C0309 FY2007 LAND ACQUISITION CONTINGENCY RESERVE</b> 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.	32,000	750	750	750	750	750	750	750	750	750	750	35,000
<b>C0311 FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS</b> Enhancements to 800 MHz Motorola Astro trunking radio system for Public Safety.	8,600	5,370	21,500	8,320	0	0	0	0	0	0	0	43,790
<b>C0312 FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM</b> The County currently is utilizing SAP ERP software solution as the system of Financial Accounting, Purchasing and Utility Water and Sewer billing.	16,350	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	22,350
<b>C0313 FY2008 ENVIRONMENTAL COMPLIANCE</b> A project to support environmental compliance activities for County Facilities.	9,634	943	178	182	252	448	0	0	0	0	0	11,637
<b>C0315 FY2009 PUBLIC SAFETY SYSTEM ENHANCEMENTS</b> This project will provide a variety of functionality enhancements for the County's existing Public Safety System.	3,095	700	905	0	0	0	0	0	0	0	0	4,700
<b>C0316 FY2010 ELLICOTT CITY VISITORS CENTER RESTORATION &amp; RENOVATION</b> Renovate the Historic Ellicott City Post Office in the heart of Ellicott City.	1,025	0	0	0	0	0	0	0	0	0	0	1,025
<b>C0317 FY2013 SYSTEMIC FACILITY IMPROVEMENTS</b> 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.	18,750	5,000	4,000	4,000	4,000	0	0	0	0	0	0	31,750
<b>C0318 FY2010 MARC SAVAGE STATION GARAGE</b> 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	0	0	0	0	0	17,000
<b>C0319 FY2010 TAX INCREMENT FINANCING PROJECTS</b> A project for funding of tax increment financing projects.	50,000	0	0	0	0	0	0	0	0	0	0	50,000

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>C0334 FY2014 EMERGENCY ALTERNATIVE POWER</b> 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.	4,000	1,000	1,000	1,000	1,000	1,000	9,000
<b>C0335 FY2014 CITIZEN SERVICES FACILITY/PROGRAM ENHANCEMENTS</b> A project to determine the additional facility needs for the Department of Citizen Services.	300	4,570	300	0	0	0	5,170
<b>C0336 FY2014 LANDFILL RESOURCE MANAGEMENT</b> 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
<b>C0337 FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS</b> This is a project to provide a variety of repairs and improvements to public infrastructure and address other community improvements and needs to improve the downtown and historic district of the Howard County Seat.	4,200	0	0	0	0	0	4,200
<b>C0338 FY2015 BROADBAND INSTALLATIONS</b> 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
<b>C0339 FY2015 BROADBAND INSTALLATIONS NON-COUNTY GOVERNMENT</b> 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
<b>C0340 FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT</b> The Broadband Installation project will extend services to non-government facilities to our fiber network.	10,000	0	0	0	0	0	10,000
<b>C0341 FY2015 TOWER GENERATOR REPLACEMENTS</b> 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
<b>C0414 FY2011 ONE MARYLAND BROADBAND PLAN</b> A project resulting from the American Recovery and Reinvestment Act (ARRA) to include all costs to administer and purchase and install dark fiber infrastructure across 10 local government jurisdictions.	87,503	0	0	0	0	0	87,503
	<b>584,266</b>	<b>64,337</b>	<b>51,249</b>	<b>27,764</b>	<b>6,164</b>	<b>12,948</b>	<b>746,728</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**GENCO-GENERAL COUNTY PROJECTS**

Revenue Source	Total	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	FISCAL	Total
		2016	2017	2018	2019	2020	Budget	
		Budget	Budget	Budget	Budget	Budget	Budget	
B BONDS	209,254	41,497	49,078	15,914	4,338	1,848		321,929
C UTILITY CASH	4,850	500	500	500	500	0		6,850
G GRANTS	164,093	20,450	550	10,550	550	10,550		206,743
O OTHER SOURCES	93,303	-3,300	250	0	0	0		90,253
P PAY AS YOU GO	43,216	4,790	871	800	776	550		51,003
R STORMWATER UTILITY FUNDING	2,300	400	0	0	0	0		2,700
T TRANSFER TAX	250	0	0	0	0	0		250
TIF TIF BONDS	67,000	0	0	0	0	0		67,000
<b>Total</b>	<b>584,266</b>	<b>64,337</b>	<b>51,249</b>	<b>27,764</b>	<b>6,164</b>	<b>12,948</b>		<b>746,728</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : DRAINAGE PROJECTS**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>D1112 FY1997 DAVIS AVE AREA DRAINAGE IMPROVEMENTS</b> This project is for the design and construction of storm drainage facilities in the area of Davis Avenue in North Laurel.	687	0	0	0	0	0	0	0	0	0	0	687
<b>D1124 FY2007 DRAINAGE IMPROVEMENT PROGRAM</b> A project for the design and construction of small to medium size drainage improvements requested by County residents and the Bureau of Highways.	2,435	425	425	425	425	0	0	0	0	0	0	3,710
<b>D1125 FY2004 EMERGENCY STORM DRAIN RECONSTRUCTION</b> 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.	1,475	0	150	0	0	0	0	0	0	0	0	1,625
<b>D1140 FY2005 PINE TREE/GLEN COURT STORM DRAIN SYSTEM</b> A project for the design and construction of a storm drain system along Pine Tree Road, Glen Court, and Guilford Road.	2,495	465	0	0	0	0	0	0	0	0	0	2,960
<b>D1148 FY2007 NPDES WATERSHED MANAGEMENT PROGRAM</b> 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.	4,805	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	14,805
<b>D1150 FY2005 HIGH RIDGE DRAINAGE</b> A project to design and construct storm drain improvements in the High Ridge area including, but not limited to: Naylor Avenue, Hughes Avenue, Robinson Boulevard, Gross Avenue, Bryant Avenue, Grant Avenue, and Lyon Ave.	1,400	75	585	0	0	0	0	0	0	0	0	2,060
<b>D1155 FY2006 LINCOLN DRIVE at CEDAR VIL PARK DRAINAGE</b> A project to eliminate the freezing of runoff on Lincoln Drive, Cedar Avenue, and Wye Ave.	1,635	0	0	0	0	0	0	0	0	0	0	1,635
<b>D1157 FY2006 ST JOHNS LANE VICINITY DRAINAGE</b> A project for the construction of drainage improvements along St Johns Lane, Northfield Road, Southfield Road, Crescent Road, Hawthorne Road, Crestleigh Road and the adjacent neighborhoods.	1,515	0	0	0	0	0	0	0	0	0	0	1,515
<b>D1158 FY2008 WATERSHED MANAGEMENT CONSTRUCTION</b> This project is for design and construction of stormwater facility improvements.	16,475	4,000	4,500	5,000	5,000	5,000	5,500	6,000	6,000	6,000	6,000	41,475
<b>D1159 FY2007 STORMWATER MANAGEMENT FACILITY RECONSTRUC</b> 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.	17,690	4,800	5,030	5,690	5,690	5,690	6,190	6,190	6,190	6,190	6,190	45,590
<b>D1160 FY2010 STORMWATER MANAGEMENT RETROFITS</b> A project for the retrofit of stormwater management facilities to include water quality management.	11,240	2,620	2,700	3,040	3,040	3,040	3,375	3,715	3,715	3,715	3,715	26,690
<b>D1161 FY2018 SHAFFERSVILLE ROAD CULVERT REPLACEMENT</b> A project to replace the existing culvert on Shaffersville Road (between Florence Road and Shaffers Mill Road).	0	0	0	0	0	100	25	400	400	400	400	525



**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : DRAINAGE PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>D1162 FY2012 DRAINAGE EASEMENT ACQUISITION/REFURBISH</b> A project for the purchase of easements as required and repairs for pipes under County roads in the older sections of the County.	1,650	300	300	300	300	0	2,850
<b>D1163 FY2012 TROTTER ROAD SLOPE STABILIZATION</b> 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.	575	0	0	0	0	0	575
<b>D1164 FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS</b> This project is for design and construction of Environmental Site Design (ESD) small scale storm water facilities.	2,950	1,200	1,200	1,200	1,200	1,000	8,750
<b>D1165 FY2013 FLOOD MITIGATION and STORMWATER/WATERWAY ENHANCEMENT</b> This project is for the study, design, and construction of flood mitigation and stormwater/waterway enhancement efforts in downtown Ellicott City.	2,675	750	750	750	0	0	4,925
<b>D1166 FY2015 CHESTNUT HILLS DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Chestnut Hills Community including but not limited to: Deerfield Drive, Family Way and Ivy Lane.	100	100	900	0	0	0	1,100
<b>D1167 FY2015 GLENBROOK DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Glenbrook Community including but not limited to: Walker Drive and Dogwood Drive.	100	170	350	0	0	0	620
<b>D1168 FY2015 MORGAN WOODBINE ROAD SLOPE STABILIZATION</b> 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
	<b>70,102</b>	<b>16,930</b>	<b>19,330</b>	<b>18,505</b>	<b>18,590</b>	<b>19,305</b>	<b>162,762</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**DRAIN-DRAINAGE PROJECTS**

Revenue Source	Total	FISCAL 2016 Budget	FISCAL 2017 Budget	FISCAL 2018 Budget	FISCAL 2019 Budget	FISCAL 2020 Budget	Total
B BONDS	40,585	6,905	8,815	7,190	7,500	7,960	78,955
D DEVELOPER CONTRIBUTION	200	0	0	0	0	0	200
G GRANTS	9,180	0	0	0	0	0	9,180
O OTHER SOURCES	267	0	0	0	0	0	267
P PAY AS YOU GO	4,580	800	800	800	500	1,000	8,480
R STORMWATER UTILITY FUNDING	13,175	9,000	9,440	10,290	10,590	10,345	62,840
S STORM DRAINAGE FUND	2,115	225	275	225	0	0	2,840
<b>Total</b>	<b>70,102</b>	<b>16,930</b>	<b>19,330</b>	<b>18,505</b>	<b>18,590</b>	<b>19,305</b>	<b>162,762</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SCHOOL SYSTEM PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>E1026 FY2012 PHELPS LUCK ELEM RENOVATION</b> A project to expand educational program spaces and renovate Phelps Luck Elementary School.	19,208	0	0	0	0	0	19,208
<b>E1027 FY2013 LONGFELLOW ELEM ADDITION</b> A project to expand educational program spaces and renovate Longfellow Elementary School.	16,930	0	0	0	0	0	16,930
<b>E1028 FY2018 NEW ELEMENTARY SCHOOL #42</b> A project to construct a new elementary school to relieve the Southeastern region.	0	0	0	3,528	31,896	0	35,424
<b>E1029 FY2019 OAKLAND MILLS HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Oakland Mills High School.	0	0	0	0	5,929	37,244	43,173
<b>E1030 FY2014 DEEP RUN ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Deep Run Elementary School.	20,154	0	0	0	0	0	20,154
<b>E1031 FY2014 WILDE LAKE MIDDLE SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Wilde Lake Middle School.	10,858	26,279	0	0	0	0	37,137
<b>E1032 FY2014 LAUREL WOODS ELEM SCHOOL ADDITION</b> A project to expand educational program spaces Laurel Woods Elementary School.	8,023	0	0	0	0	0	8,023
<b>E1033 FY2015 PATUXENT VALLEY MIDDLE SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Patuxent Valley Middle School.	8,145	14,691	4,636	0	0	0	27,472
<b>E1034 FY2015 SWANSFIELD ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Swansfield Elementary School.	1,898	10,520	7,013	0	0	0	19,431
<b>E1035 FY2024 NEW HIGH SCHOOL #13</b> A project to construct a new high school to relieve the Northeast region.	0	0	0	0	0	0	0
	<b>662,797</b>	<b>123,192</b>	<b>135,771</b>	<b>118,109</b>	<b>144,003</b>	<b>136,837</b>	<b>1,320,709</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**EDUC-SCHOOL SYSTEM PROJECTS**

Revenue Source	Total	FISCAL 2016 Budget	FISCAL 2017 Budget	FISCAL 2018 Budget	FISCAL 2019 Budget	FISCAL 2020 Budget	Total
A STATE AID for SCHOOLS	181,335	0	0	0	0	0	181,335
B BONDS	379,083	123,192	135,771	118,109	144,003	136,837	1,036,995
D DEVELOPER CONTRIBUTION	4,000	0	0	0	0	0	4,000
P PAY AS YOU GO	4,858	0	0	0	0	0	4,858
T TRANSFER TAX	52,598	0	0	0	0	0	52,598
Z EDUCATION EXCISE BONDS	40,923	0	0	0	0	0	40,923
<b>Total</b>	<b>662,797</b>	<b>123,192</b>	<b>135,771</b>	<b>118,109</b>	<b>144,003</b>	<b>136,837</b>	<b>1,320,709</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SIDEWALKS**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>K5034 FY2001 HUNT CLUB SIDEWALK</b> A project to construct approximately 4,000 LF of sidewalk along Hunt Club Road from US1 to Bauman Drive.	595	200	0	0	0	0	795
<b>K5035 FY1998 SCHOOL ROUTE PATHWAYS or SIDEWALKS</b> This project is for the installation of sidewalks and/or pathways to provide for improved routes for school children.	288	300	300	0	0	0	888
<b>K5036 FY1998 ROUTINE SIDEWALK / WALKWAY EXTENSIONS</b> A project to design and construct routine sidewalk and walkway extensions up to about 1,000 feet in length.	520	150	0	150	0	0	820
<b>K5038 FY1999 SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	1,505	0	0	0	0	0	1,505
<b>K5040 FY2005 GUILFORD RD PEDESTRIAN/BIKE IMPROVE</b> A project for the design and construction of sidewalk on one or both sides of Guilford Road between Oakland Mills Road and US1.	725	700	70	400	80	430	2,405
<b>K5043 SIDEWALK REPAIR PROGRAM</b> This project is for the repair of deteriorated sidewalks and driveway aprons that are in the public rights-of-way.	4,170	625	625	625	625	625	7,295
<b>K5052 FY2018 LONG GATE SIDEWALK</b> The project is for the reconstruction of approximately 1,500 LF concrete curb storm drain inlets and sidewalk along Long Gate Parkway, including the bridge over MD100.	0	0	0	75	0	250	325
<b>K5054 FY2003 ROADSIDE IMPROVEMENT PROGRAM</b> 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	370	370	370	370	0	5,195
<b>K5061 FY2007 PEDESTRIAN PLAN PROJECTS</b> A project for the ongoing evaluation, design and construction of pedestrian improvements listed in the Howard County Pedestrian Master Plan.	2,427	655	655	655	0	0	4,392
<b>K5062 FY2009 STATE ROADS SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	100	100	100	100	100	100	600
<b>K5063 FY2017 NORTH LAUREL ROAD SIDEWALK</b> A project for the design and construction of a sidewalk along the southwest side of North Laurel Road from Linville Ave to US1.	0	0	75	25	120	0	220
<b>K5064 FY2017 MISSION ROAD SIDEWALK</b> A project to install sidewalk along parts of Mission Road.	0	0	75	210	0	0	285
<b>K5065 FY2018 DONCASTER DRIVE SIDEWALK</b> A project to construct approximately 1,200 LF of sidewalk along Doncaster Drive from Roundhill Road to Hale Haven Road.	0	0	0	50	60	0	110

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : TRAFFIC IMPROVEMENTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>T7087 FY1999 STREET LIGHT SETBACK SAFETY PROGRAM</b> A program to provide safety improvements along arterial roadways in Columbia by setting back and upgrading all existing street lights.	600	0	0	0	0	0	600
<b>T7088 FY2001 SCHOOL CROSSWALK IMPROVEMENTS</b> 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.	1,193	50	50	50	50	50	1,443
<b>T7089 FY2005 RESIDENTIAL TRAFFIC CALMING</b> A project to construct geometric roadway changes to reduce traffic speeding in residential areas.	1,210	100	100	100	0	0	1,510
<b>T7094 FY2007 STREET LIGHTING PROGRAM</b> This project is for the installation of new street lights in existing communities and commercial/industrial areas, and the conversion of existing post-top style street lights to high pressure sodium vapor fixtures.	2,075	415	215	0	0	0	2,705
<b>T7101 FY2008 STATE/COUNTY SHARED INTERSECTIONS</b> A project for the design, review and construction funding of geometric and traffic control modifications at various intersections of State and / or County roads.	1,400	0	0	0	0	0	1,400
<b>T7102 FY2008 STREET SIGN PROGRAM</b> 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.	600	90	90	0	0	0	780
<b>T7103 FY2009 STATE/COUNTY SHARED TRAFFIC CONTROL</b> A project for design, review and construction funding of traffic control at various intersections of State and County roads.	800	200	250	250	250	0	1,750
<b>T7104 FY2009 DEVELOPER/COUNTY SIGNALS</b> A project to facilitate the design, construction, and modification of traffic signals and appurtenances at various new development locations where warranted.	1,100	50	0	0	0	0	1,150
<b>T7105 FY2011-SIGNALIZATION PROGRAM</b> 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.	1,760	700	300	300	300	0	3,360
<b>T7106 INTERSECTION IMPROVEMENT PROGRAM</b> This project is for the study, design and construction of geometric and pedestrian modifications to improve the safety or increase capacity at various intersections.	1,690	230	230	230	0	0	2,380
<b>T7107 FY2014 DOWNTOWN COLUMBIA PATUXENT BRANCH TRAIL EXTENSION</b> A project connecting Downtown Columbia at Lake Kittamaquidi and extending to the existing Patuxent Branch Trail.	50	1,550	0	0	0	0	1,600

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12,478      3,385      1,235      930      600      50      18,678

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**TRAF-TRAFFIC IMPROVEMENTS**

Revenue Source	Total	FISCAL 2016 Budget	FISCAL 2017 Budget	FISCAL 2018 Budget	FISCAL 2019 Budget	FISCAL 2020 Budget	Total
B BONDS	3,843	2,165	1,065	800	600	50	8,523
D DEVELOPER CONTRIBUTION	1,280	110	60	30	0	0	1,480
E EXCISE TAX	600	0	0	0	0	0	600
G GRANTS	460	1,000	0	0	0	0	1,460
O OTHER SOURCES	755	10	10	0	0	0	775
P PAY AS YOU GO	2,840	100	100	100	0	0	3,140
X EXCISE TAX BACKED BONDS	2,700	0	0	0	0	0	2,700
<b>Total</b>	<b>12,478</b>	<b>3,385</b>	<b>1,235</b>	<b>930</b>	<b>600</b>	<b>50</b>	<b>18,678</b>



**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>C0182 FY1985 PUBLIC SAFETY EDUCATION CENTER</b> A project for design and construction of a group of facilities for training of public safety employees.	27,326	9,125	0	0	0	0	36,451
<b>C0214 FY1999- CATEGORY CONTINGENCY FUND</b> 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.	70,600	30,000	0	10,000	0	0	110,600
<b>C0256 ENVIRONMENTAL ASSESSMNT CONTINGENCY FUND</b> 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.	470	202	26	50	26	50	824
<b>C0264 FY1998 SYSTEMIC FACILITY IMPROVEMENTS</b> 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 to provide for system management initiatives, energy initiatives, or environmental initiatives.	26,980	0	0	0	0	0	26,980
<b>C0282 FY2001 GOVERNMENT SERVICE CAMPUS</b> A project to purchase, renovate or construct additional County office space, Courthouse and related parking both at the current County campus location in Ellicott City and at additional locations (outside of the current campus) which are being explored.	77,264	0	0	0	0	0	77,264
<b>C0285 FY2002 US1 CORRIDOR REVITALIZATION</b> 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.	8,050	5,000	1,000	1,000	1,000	1,000	17,050
<b>C0286 FY2002 BUS STOP IMPROVEMENTS</b> A project to implement a series of systemic improvements to Howard Transit bus stops.	1,719	0	0	0	0	0	1,719
<b>C0287 FY2002 COMMUNITY RENEWAL / ENHANCEMENTS</b> A project to design and implement a series of pedestrian improvements, streetscape enhancements and repair or enhancement of public green spaces.	889	500	100	100	100	0	1,689
<b>C0289 FY2002 TRANSIT OPERATION REPAIR FACILITY</b> A project for site selection, acquisition, design and construction of a multi-jurisdictional transit facility.	15,619	0	0	0	0	0	15,619
<b>C0290 FY2003 COURTHOUSE RENOVATION</b> A project to expand and renovate the existing courthouse.	8,560	28,400	0	0	0	0	36,960

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>C0298 FY2005 US 40 CORRIDOR ENHANCEMENT</b> A project to plan, design and implement improvements (eg 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	1,000	200	200	200	0	2,650
<b>C0299 FY2005 WASTE MANAGEMENT IMPROVEMENTS</b> 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	3,542	4,635	0	1,321	0	32,564
<b>C0301 FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES</b> A project to upgrade infrastructure of the County's Local Area Networks and Wide Area Networks.	16,446	3,740	0	0	0	0	20,186
<b>C0309 FY2007 LAND ACQUISITION CONTINGENCY RESERVE</b> 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.	32,000	3,000	0	0	0	0	35,000
<b>C0311 FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS</b> Enhancements to 800 MHz Motorola Astro trunking radio system for Public Safety.	8,600	35,190	0	0	0	0	43,790
<b>C0312 FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM</b> The County currently is utilizing SAP ERP software solution as the system of Financial Accounting, Purchasing and Utility Water and Sewer billing.	16,350	6,000	0	0	0	0	22,350
<b>C0313 FY2008 ENVIRONMENTAL COMPLIANCE</b> A project to support environmental compliance activities for County Facilities.	9,634	2,003	478	186	178	180	12,659
<b>C0315 FY2009 PUBLIC SAFETY SYSTEM ENHANCEMENTS</b> This project will provide a variety of functionality enhancements for the County's existing Public Safety System.	3,095	1,605	0	0	0	0	4,700
<b>C0316 FY2010 ELLICOTT CITY VISITORS CENTER RESTORATION &amp; RENOVATION</b> Renovate the Historic Ellicott City Post Office in the heart of Ellicott City.	1,025	0	0	0	0	0	1,025
<b>C0317 FY2013 SYSTEMIC FACILITY IMPROVEMENTS</b> 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.	18,750	13,000	0	0	0	0	31,750
<b>C0318 FY2010 MARC SAVAGE STATION GARAGE</b> 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

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>C0333 FY2015 DETENTION CENTER RENOVATIONS</b> 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.	395	7,210	0	0	0	0	7,605
<b>C0334 FY2014 EMERGENCY ALTERNATIVE POWER</b> 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.	4,000	5,000	0	0	0	0	9,000
<b>C0335 FY2014 CITIZEN SERVICES FACILITY/PROGRAM ENHANCEMENTS</b> A project to determine the additional facility needs for the Department of Citizen Services.	300	4,870	0	0	0	0	5,170
<b>C0336 FY2014 LANDFILL RESOURCE MANAGEMENT</b> 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
<b>C0337 FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS</b> This is a project to provide a variety of repairs and improvements to public infrastructure and address other community improvements and needs to improve the downtown and historic district of the Howard County Seat.	4,200	0	0	0	0	0	4,200
<b>C0338 FY2015 BROADBAND INSTALLATIONS</b> 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
<b>C0339 FY2015 BROADBAND INSTALLATIONS NON-COUNTY GOVERNMENT</b> 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
<b>C0340 FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT</b> The Broadband Installation project will extend services to non-government facilities to our fiber network.	10,000	0	0	0	0	0	10,000
<b>C0341 FY2015 TOWER GENERATOR REPLACEMENTS</b> 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
<b>C0414 FY2011 ONE MARYLAND BROADBAND PLAN</b> A project resulting from the American Recovery and Reinvestment Act (ARRA) to include all costs to administer and purchase and install dark fiber infrastructure across 10 local government jurisdictions.	87,503	0	0	0	0	0	87,503

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584,266	162,462	6,589	11,686	2,975	1,380	769,358
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**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**GENCO-GENERAL COUNTY PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	209,254	112,675	6,013	1,086	2,399	880	332,307
C UTILITY CASH	4,850	2,000	0	0	0	0	6,850
G GRANTS	164,093	42,650	50	10,050	50	50	216,943
O OTHER SOURCES	93,303	-3,050	0	0	0	0	90,253
P PAY AS YOU GO	43,216	7,787	526	550	526	450	53,055
R STORMWATER UTILITY FUNDING	2,300	400	0	0	0	0	2,700
T TRANSFER TAX	250	0	0	0	0	0	250
TIF TIF BONDS	67,000	0	0	0	0	0	67,000
<b>Total</b>	<b>584,266</b>	<b>162,462</b>	<b>6,589</b>	<b>11,686</b>	<b>2,975</b>	<b>1,380</b>	<b>769,358</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : DRAINAGE PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>D1160 FY2010 STORMWATER MANAGEMENT RETROFITS</b> A project for the retrofit of stormwater management facilities to include water quality management.	11,240	15,450	0	0	0	0	26,690
<b>D1161 FY2018 SHAFFERSVILLE ROAD CULVERT REPLACEMENT</b> A project to replace the existing culvert on Shaffersville Road (between Florence Road and Shaffers Mill Road).	0	525	0	0	0	0	525
<b>D1162 FY2012 DRAINAGE EASEMENT ACQUISITION/REFURBISH</b> A project for the purchase of easements as required and repairs for pipes under County roads in the older sections of the County.	1,650	1,200	0	0	0	0	2,850
<b>D1163 FY2012 TROTTER ROAD SLOPE STABILIZATION</b> 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.	575	0	0	0	0	0	575
<b>D1164 FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS</b> This project is for design and construction of Environmental Site Design (ESD) small scale storm water facilities.	2,950	5,800	1,000	1,000	1,000	1,000	12,750
<b>D1165 FY2013 FLOOD MITIGATION and STORMWATER/WATERWAY ENHANCEMENT</b> This project is for the study, design, and construction of flood mitigation and stormwater/waterway enhancement efforts in downtown Ellicott City.	2,675	2,250	0	0	0	0	4,925
<b>D1166 FY2015 CHESTNUT HILLS DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Chestnut Hills Community including but not limited to: Deerfield Drive, Family Way and Ivy Lane.	100	1,000	0	0	0	0	1,100
<b>D1167 FY2015 GLENBROOK DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Glenbrook Community including but not limited to: Walker Drive and Dogwood Drive.	100	520	0	0	0	0	620
<b>D1168 FY2015 MORGAN WOODBINE ROAD SLOPE STABILIZATION</b> 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
	<b>70,102</b>	<b>92,660</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>166,762</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**DRAIN-DRAINAGE PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	40,585	38,370	0	0	0	0	78,955
D DEVELOPER CONTRIBUTION	200	0	0	0	0	0	200
G GRANTS	9,180	0	0	0	0	0	9,180
O OTHER SOURCES	267	0	0	0	0	0	267
P PAY AS YOU GO	4,580	3,900	1,000	1,000	1,000	1,000	12,480
R STORMWATER UTILITY FUNDING	13,175	49,665	0	0	0	0	62,840
S STORM DRAINAGE FUND	2,115	725	0	0	0	0	2,840
<b>Total</b>	<b>70,102</b>	<b>92,660</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>166,762</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SCHOOL SYSTEM PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>E1024 FY2016 HAMMOND HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Hammond High School.	0	65,012	0	0	0	0	65,012
<b>E1025 FY2022 CENTENNIAL HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Centennial High School.	0	0	0	5,914	37,154	24,770	67,838
<b>E1026 FY2012 PHELPS LUCK ELEM RENOVATION</b> A project to expand educational program spaces and renovate Phelps Luck Elementary School.	19,208	0	0	0	0	0	19,208
<b>E1027 FY2013 LONGFELLOW ELEM ADDITION</b> A project to expand educational program spaces and renovate Longfellow Elementary School.	16,930	0	0	0	0	0	16,930
<b>E1028 FY2018 NEW ELEMENTARY SCHOOL #42</b> A project to construct a new elementary school to relieve the Southeastern region.	0	35,424	0	0	0	0	35,424
<b>E1029 FY2019 OAKLAND MILLS HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Oakland Mills High School.	0	43,173	24,829	0	0	0	68,002
<b>E1030 FY2014 DEEP RUN ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Deep Run Elementary School.	20,154	0	0	0	0	0	20,154
<b>E1031 FY2014 WILDE LAKE MIDDLE SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Wilde Lake Middle School.	10,858	26,279	0	0	0	0	37,137
<b>E1032 FY2014 LAUREL WOODS ELEM SCHOOL ADDITION</b> A project to expand educational program spaces Laurel Woods Elementary School.	8,023	0	0	0	0	0	8,023
<b>E1033 FY2015 PATUXENT VALLEY MIDDLE SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Patuxent Valley Middle School.	8,145	19,327	0	0	0	0	27,472
<b>E1034 FY2015 SWANSFIELD ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Swansfield Elementary School.	1,898	17,533	0	0	0	0	19,431
<b>E1035 FY2024 NEW HIGH SCHOOL #13</b> A project to construct a new high school to relieve the Northeast region.	0	0	0	0	0	10,439	10,439
	<b>662,797</b>	<b>657,912</b>	<b>105,461</b>	<b>84,463</b>	<b>118,925</b>	<b>120,364</b>	<b>1,749,922</b>



**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**EDUC-SCHOOL SYSTEM PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021		FISCAL 2022		FISCAL 2023		FISCAL 2024		Total
			Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
A STATE AID for SCHOOLS	181,335	0	0	0	0	0	0	0	0	0	181,335
B BONDS	379,083	657,912	105,461	84,463	118,925	120,364	1,466,208				
D DEVELOPER CONTRIBUTION	4,000	0	0	0	0	0	4,000				
P PAY AS YOU GO	4,858	0	0	0	0	0	4,858				
T TRANSFER TAX	52,598	0	0	0	0	0	52,598				
Z EDUCATION EXCISE BONDS	40,923	0	0	0	0	0	40,923				
<b>Total</b>	<b>662,797</b>	<b>657,912</b>	<b>105,461</b>	<b>84,463</b>	<b>118,925</b>	<b>120,364</b>	<b>1,749,922</b>				

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SIDEWALKS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>K5034 FY2001 HUNT CLUB SIDEWALK</b> A project to construct approximately 4,000 LF of sidewalk along Hunt Club Road from US1 to Bauman Drive.	595	200	0	0	0	0	795
<b>K5035 FY1998 SCHOOL ROUTE PATHWAYS or SIDEWALKS</b> This project is for the installation of sidewalks and/or pathways to provide for improved routes for school children.	288	600	0	0	0	0	888
<b>K5036 FY1998 ROUTINE SIDEWALK / WALKWAY EXTENSIONS</b> A project to design and construct routine sidewalk and walkway extensions up to about 1,000 feet in length.	520	300	0	0	0	0	820
<b>K5038 FY1999 SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	1,505	0	0	0	0	0	1,505
<b>K5040 FY2005 GUILFORD RD PEDESTRIAN/BIKE IMPROVE</b> A project for the design and construction of sidewalk on one or both sides of Guilford Road between Oakland Mills Road and US1.	725	1,680	0	0	0	0	2,405
<b>K5043 SIDEWALK REPAIR PROGRAM</b> This project is for the repair of deteriorated sidewalks and driveway aprons that are in the public rights-of-way.	4,170	3,125	0	0	0	0	7,295
<b>K5052 FY2018 LONG GATE SIDEWALK</b> The project is for the reconstruction of approximately 1,500 LF concrete curb storm drain inlets and sidewalk along Long Gate Parkway, including the bridge over MD100.	0	325	250	0	0	0	575
<b>K5054 FY2003 ROADSIDE IMPROVEMENT PROGRAM</b> 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	1,480	0	0	0	0	5,195
<b>K5061 FY2007 PEDESTRIAN PLAN PROJECTS</b> A project for the ongoing evaluation, design and construction of pedestrian improvements listed in the Howard County Pedestrian Master Plan.	2,427	1,965	0	0	0	0	4,392
<b>K5062 FY2009 STATE ROADS SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	100	500	0	0	0	0	600
<b>K5063 FY2017 NORTH LAUREL ROAD SIDEWALK</b> A project for the design and construction of a sidewalk along the southwest side of North Laurel Road from Linville Ave to US1.	0	220	0	0	0	0	220
<b>K5064 FY2017 MISSION ROAD SIDEWALK</b> A project to install sidewalk along parts of Mission Road.	0	285	0	0	0	0	285

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : TRAFFIC IMPROVEMENTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
T7107 FY2014 DOWNTOWN COLUMBIA PATUXENT BRANCH TRAIL EXTENSION A project connecting Downtown Columbia at Lake Kittamaquundi and extending to the existing Patuxent Branch Trail.	50	1,550	0	0	0	0	1,600
	12,478	6,200	100	100	100	100	19,078

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**TRAF-TRAFFIC IMPROVEMENTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	3,843	4,680	100	100	100	100	8,923
D DEVELOPER CONTRIBUTION	1,280	200	0	0	0	0	1,480
E EXCISE TAX	600	0	0	0	0	0	600
G GRANTS	460	1,000	0	0	0	0	1,460
O OTHER SOURCES	755	20	0	0	0	0	775
P PAY AS YOU GO	2,840	300	0	0	0	0	3,140
X EXCISE TAX BACKED BONDS	2,700	0	0	0	0	0	2,700
<b>Total</b>	<b>12,478</b>	<b>6,200</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>19,078</b>

Amendment   1   to Council Resolution No. 44-2014

BY: Chairperson at the request  
of the County Executive

Legislative Day No. 6  
Date: May 21, 2014

Amendment No.   1  

*(This amendment reflects changes to the Capital Program for Fiscal Years 2016 through 2020 and to the Extended Capital Program for Fiscal Years 2021 through 2024 as a result of changes to the Capital Budget for Fiscal Year 2015.)*

1 In the Capital Program for Fiscal Years 2016 through 2020, attached to the Resolution as  
2 introduced, remove pages 5, 7, 8, 9, 10, 11, 14,15 and 29 and substitute pages 5, 7, 8, 9, 10, 11,  
3 14,15 and 29 as attached to this amendment.

4  
5 In the Extended Capital Program for Fiscal Years 2020 through 2023, attached to the Resolution  
6 as introduced, remove pages 64, 66, 67, 68, 70, 71, 74,75, and 89 and substitute pages 64, 66, 67,  
7 68, 70, 71, 74,75, and 89 as attached to this amendment.

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget	Total
<b>C0334 FY2014 EMERGENCY ALTERNATIVE POWER</b> 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.	4,000	1,000	1,000	1,000	1,000	1,000	9,000
<b>C0335 FY2014 CITIZEN SERVICES FACILITY/PROGRAM ENHANCEMENTS</b> A project to determine the additional facility needs for the Department of Citizen Services.	300	4,570	300	0	0	0	5,170
<b>C0336 FY2014 LANDFILL RESOURCE MANAGEMENT</b> 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
<b>C0337 FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS</b> This is a project to provide a variety of repairs and improvements to public infrastructure and address other community improvements and needs to improve the downtown and historic district of the Howard County Seat.	4,200	0	0	0	0	0	4,200
<b>C0338 FY2015 BROADBAND INSTALLATIONS</b> 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
<b>C0339 FY2015 BROADBAND INSTALLATIONS NON-COUNTY GOVERNMENT</b> 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
<b>C0340 FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT</b> The Broadband Installation project will extend services to non-government facilities to our fiber network.	10,000	0	0	0	0	0	10,000
<b>C0341 FY2015 TOWER GENERATOR REPLACEMENTS</b> 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
<b>C0414 FY2011 ONE MARYLAND BROADBAND PLAN</b> A project resulting from the American Recovery and Reinvestment Act (ARRA) to include all costs to administer and purchase and install dark fiber infrastructure across 10 local government jurisdictions.	87,503	0	0	0	0	0	87,503
	<b>583,766</b>	<b>64,337</b>	<b>51,249</b>	<b>27,764</b>	<b>6,164</b>	<b>12,948</b>	<b>746,228</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**GENCO-GENERAL COUNTY PROJECTS**

Revenue Source	Total	FISCAL 2016 Budget	FISCAL 2017 Budget	FISCAL 2018 Budget	FISCAL 2019 Budget	FISCAL 2020 Budget	Total
B BONDS	209,254	41,497	49,078	15,914	4,338	1,848	321,929
C UTILITY CASH	4,850	500	500	500	500	0	6,850
G GRANTS	163,593	20,450	550	10,550	550	10,550	206,243
O OTHER SOURCES	93,303	-3,300	250	0	0	0	90,253
P PAY AS YOU GO	43,216	4,790	871	800	776	550	51,003
R STORMWATER UTILITY FUNDING	2,300	400	0	0	0	0	2,700
T TRANSFER TAX	250	0	0	0	0	0	250
TIF TIF BONDS	67,000	0	0	0	0	0	67,000
<b>Total</b>	<b>583,766</b>	<b>64,337</b>	<b>51,249</b>	<b>27,764</b>	<b>6,164</b>	<b>12,948</b>	<b>746,228</b>

768,858

1,380

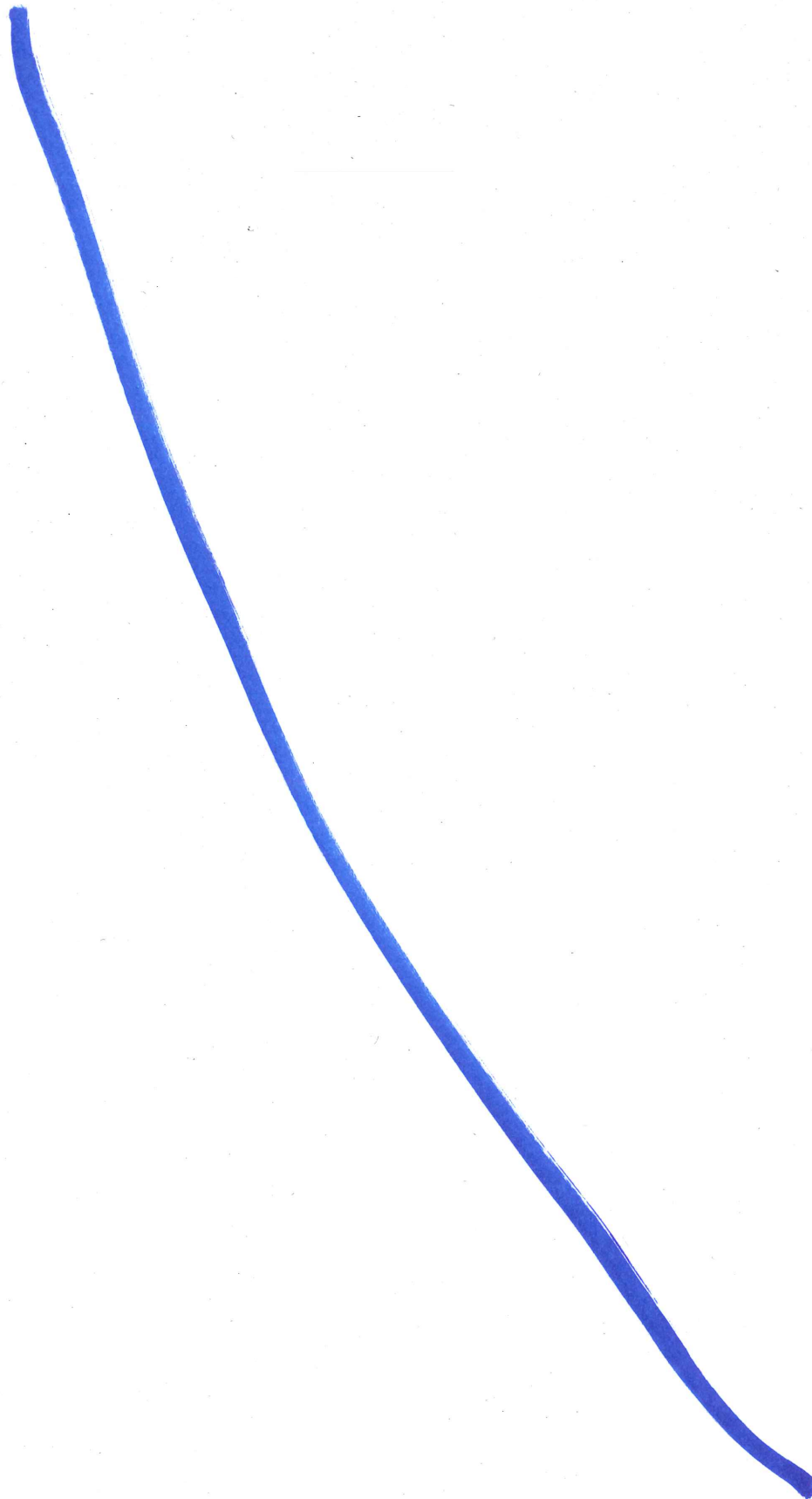
2,975

11,686

6,589

162,462

583,766





**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**GENCO-GENERAL COUNTY PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	209,254	112,675	6,013	1,086	2,399	880	332,307
C UTILITY CASH	4,850	2,000	0	0	0	0	6,850
G GRANTS	163,593	42,650	50	10,050	50	50	216,443
O OTHER SOURCES	93,303	-3,050	0	0	0	0	90,253
P PAY AS YOU GO	43,216	7,787	526	550	526	450	53,055
R STORMWATER UTILITY FUNDING	2,300	400	0	0	0	0	2,700
T TRANSFER TAX	250	0	0	0	0	0	250
TIF TIF BONDS	67,000	0	0	0	0	0	67,000
<b>Total</b>	<b>583,766</b>	<b>162,462</b>	<b>6,589</b>	<b>11,686</b>	<b>2,975</b>	<b>1,380</b>	<b>768,858</b>

Amendment 1 to Amendment 1 to Council Resolution 44-2014

BY: Chairperson at the request of  
the County Executive

Legislative Day No: 6  
Date: May 21, 2014

Amendment No. 1 to Amendment 1

*(This amendment reflects the changes made in the Amendment to Amendment 11 to CB 24 that moves \$500,000 in grant funding from project T7107 to C0214.)*

- 1 On page 1, in line 2, before “5”, in each instance, insert “4,” and strike “and 29” and substitute “29, 48, 49, 50”.
- 2
- 3
- 4 On page 1, in line 3, strike “and 29” and substitute “, 29, 48, 49, 50”.
- 5
- 6 On page 1, in line 6, before “64”, in each instance, insert “63,” and strike “and 89” and
- 7 substitute “, 89, 109, and 110”.
- 8
- 9 On page 1, in line 7, strike “and 89” and substitute “, 89, 109, and 110”.
- 10
- 11 Attach revised pages 4, 48, 49, 50, 63, 109, and 110 to Amendment 1.
- 12
- 13 Remove pages 7, 8, 67, and 68 from Amendment 1 and substitute revised pages 7, 8, 67, and 68
- 14 as attached to this Amendment to Amendment 1.

ADOPTED 5/21/2014  
FAILED \_\_\_\_\_  
SIGNATURE Shirley Johnson

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>C0182 FY1985 PUBLIC SAFETY EDUCATION CENTER</b> A project for design and construction of a group of facilities for training of public safety employees.	27,326	1,185	7,940	0	0	0	0	0	0	0	0	36,451
<b>C0214 FY1999- CATEGORY CONTINGENCY FUND</b> 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.	70,600	10,000	0	10,000	0	10,000	0	0	10,000	0	0	100,600
<b>C0256 ENVIRONMENTAL ASSESSMNT CONTINGENCY FUND</b> 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.	470	50	26	50	26	50	26	50	26	50	26	672
<b>C0264 FY1998 SYSTEMIC FACILITY IMPROVEMENTS</b> 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 to provide for system management initiatives, energy initiatives, or environmental initiatives.	26,980	0	0	0	0	0	0	0	0	0	0	26,980
<b>C0282 FY2001 GOVERNMENT SERVICE CAMPUS</b> A project to purchase, renovate or construct additional County office space, Courthouse and related parking both at the current County campus location in Ellicott City and at additional locations (outside of the current campus) which are being explored.	77,264	0	0	0	0	0	0	0	0	0	0	77,264
<b>C0285 FY2002 US1 CORRIDOR REVITALIZATION</b> 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.	8,050	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	13,050
<b>C0286 FY2002 BUS STOP IMPROVEMENTS</b> A project to implement a series of systemic improvements to Howard Transit bus stops.	1,719	0	0	0	0	0	0	0	0	0	0	1,719
<b>C0287 FY2002 COMMUNITY RENEWAL / ENHANCEMENTS</b> A project to design and implement a series of pedestrian improvements, streetscape enhancements and repair or enhancement of public green spaces.	889	100	100	100	100	100	100	100	100	100	100	1,389
<b>C0289 FY2002 TRANSIT OPERATION REPAIR FACILITY</b> A project for site selection, acquisition, design and construction of a multi-jurisdictional transit facility.	15,619	0	0	0	0	0	0	0	0	0	0	15,619
<b>C0290 FY2003 COURTHOUSE RENOVATION</b> A project to expand and renovate the existing courthouse.	8,580	19,800	8,600	0	0	0	0	0	0	0	0	36,980

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>C0334 FY2014 EMERGENCY ALTERNATIVE POWER</b> 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.	4,000	1,000	1,000	1,000	1,000	1,000	9,000
<b>C0335 FY2014 CITIZEN SERVICES FACILITY/PROGRAM ENHANCEMENTS</b> A project to determine the additional facility needs for the Department of Citizen Services.	300	4,570	300	0	0	0	5,170
<b>C0336 FY2014 LANDFILL RESOURCE MANAGEMENT</b> 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
<b>C0337 FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS</b> This is a project to provide a variety of repairs and improvements to public infrastructure and address other community improvements and needs to improve the downtown and historic district of the Howard County Seat.	4,200	0	0	0	0	0	4,200
<b>C0338 FY2015 BROADBAND INSTALLATIONS</b> 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
<b>C0339 FY2015 BROADBAND INSTALLATIONS NON-COUNTY GOVERNMENT</b> 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
<b>C0340 FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT</b> The Broadband Installation project will extend services to non-government facilities to our fiber network.	10,000	0	0	0	0	0	10,000
<b>C0341 FY2015 TOWER GENERATOR REPLACEMENTS</b> 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
<b>C0414 FY2011 ONE MARYLAND BROADBAND PLAN</b> A project resulting from the American Recovery and Reinvestment Act (ARRA) to include all costs to administer and purchase and install dark fiber infrastructure across 10 local government jurisdictions.	87,503	0	0	0	0	0	87,503
	<b>584,266</b>	<b>64,337</b>	<b>51,249</b>	<b>27,764</b>	<b>6,164</b>	<b>12,948</b>	<b>746,728</b>

Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 GENCO-GENERAL COUNTY PROJECTS

Revenue Source	Total	FISCAL 2016 Budget	FISCAL 2017 Budget	FISCAL 2018 Budget	FISCAL 2019 Budget	FISCAL 2020 Budget	Total
B BONDS	209,254	41,497	49,078	15,914	4,338	1,848	321,929
C UTILITY CASH	4,850	500	500	500	500	0	6,850
G GRANTS	164,093	20,450	550	10,550	550	10,550	206,743
O OTHER SOURCES	93,303	-3,300	250	0	0	0	90,253
P PAY AS YOU GO	43,216	4,790	871	800	776	550	51,003
R STORMWATER UTILITY FUNDING	2,300	400	0	0	0	0	2,700
T TRANSFER TAX	250	0	0	0	0	0	250
TIF TIF BONDS	67,000	0	0	0	0	0	67,000
<b>Total</b>	<b>584,266</b>	<b>64,337</b>	<b>51,249</b>	<b>27,764</b>	<b>6,164</b>	<b>12,948</b>	<b>746,728</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : TRAFFIC IMPROVEMENTS**

Project Description	Total	Fiscal 2016		Fiscal 2017		Fiscal 2018		Fiscal 2019		Fiscal 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>T7087 FY1999 STREET LIGHT SETBACK SAFETY PROGRAM</b> A program to provide safety improvements along arterial roadways in Columbia by setting back and upgrading all existing street lights.	600	0	0	0	0	0	0	0	0	0	0	600
<b>T7088 FY2001 SCHOOL CROSSWALK IMPROVEMENTS</b> 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.	1,193	50	50	50	50	50	50	50	50	50	50	1,443
<b>T7089 FY2005 RESIDENTIAL TRAFFIC CALMING</b> A project to construct geometric roadway changes to reduce traffic speeding in residential areas.	1,210	100	100	100	100	100	0	0	0	0	0	1,510
<b>T7094 FY2007 STREET LIGHTING PROGRAM</b> This project is for the installation of new street lights in existing communities and commercial/industrial areas, and the conversion of existing post-top style street lights to high pressure sodium vapor fixtures.	2,075	415	215	215	0	0	0	0	0	0	0	2,705
<b>T7101 FY2008 STATE/COUNTY SHARED INTERSECTIONS</b> A project for the design, review and construction funding of geometric and traffic control modifications at various intersections of State and / or County roads.	1,400	0	0	0	0	0	0	0	0	0	0	1,400
<b>T7102 FY2008 STREET SIGN PROGRAM</b> 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.	600	90	90	90	0	0	0	0	0	0	0	780
<b>T7103 FY2009 STATE/COUNTY SHARED TRAFFIC CONTROL</b> A project for design, review and construction funding of traffic control at various intersections of State and County roads.	800	200	250	250	250	250	0	250	0	0	0	1,750
<b>T7104 FY2009 DEVELOPER/COUNTY SIGNALS</b> A project to facilitate the design, construction, and modification of traffic signals and appurtenances at various new development locations where warranted.	1,100	50	0	0	0	0	0	0	0	0	0	1,150
<b>T7105 FY2011-SIGNALIZATION PROGRAM</b> 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.	1,760	700	300	300	300	300	0	300	0	0	0	3,360
<b>T7106 INTERSECTION IMPROVEMENT PROGRAM</b> This project is for the study, design and construction of geometric and pedestrian modifications to improve the safety or increase capacity at various intersections.	1,690	230	230	230	230	230	0	0	0	0	0	2,380
<b>T7107 FY2014 DOWNTOWN COLUMBIA PATUXENT BRANCH TRAIL EXTENSION</b> A project connecting Downtown Columbia at Lake Kitamaquandi and extending to the existing Patuxent Branch Trail.	50	1,550	0	0	0	0	0	0	0	0	0	1,600

12,478    3,385    1,235    930    600    50    18,678

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**TRAF-TRAFFIC IMPROVEMENTS**

Revenue Source	Total	FISCAL 2016		FISCAL 2017		FISCAL 2018		FISCAL 2019		FISCAL 2020		Total
		Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
B BONDS	3,843	2,165	1,065	800	600	50						8,523
D DEVELOPER CONTRIBUTION	1,280	110	60	30	0	0						1,480
E EXCISE TAX	600	0	0	0	0	0						600
G GRANTS	460	1,000	0	0	0	0						1,460
O OTHER SOURCES	755	10	10	0	0	0						775
P PAY AS YOU GO	2,840	100	100	100	0	0						3,140
X EXCISE TAX BACKED BONDS	2,700	0	0	0	0	0						2,700
<b>Total</b>	<b>12,478</b>	<b>3,385</b>	<b>1,235</b>	<b>930</b>	<b>600</b>	<b>50</b>						<b>18,678</b>



**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>C0182 FY1985 PUBLIC SAFETY EDUCATION CENTER</b> A project for design and construction of a group of facilities for training of public safety employees.	27,326	9,125	0	0	0	0	36,451
<b>C0214 FY1999- CATEGORY CONTINGENCY FUND</b> 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.	70,600	30,000	0	10,000	0	0	110,600
<b>C0256 ENVIRONMENTAL ASSESSMNT CONTINGENCY FUND</b> 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.	470	202	26	50	26	50	824
<b>C0264 FY1998 SYSTEMIC FACILITY IMPROVEMENTS</b> 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 to provide for system management initiatives, energy initiatives, or environmental initiatives.	26,980	0	0	0	0	0	26,980
<b>C0282 FY2001 GOVERNMENT SERVICE CAMPUS</b> A project to purchase, renovate or construct additional County office space, Courthouse and related parking both at the current County campus location in Ellicott City and at additional locations (outside of the current campus) which are being explored.	77,264	0	0	0	0	0	77,264
<b>C0285 FY2002 US1 CORRIDOR REVITALIZATION</b> 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.	8,050	5,000	1,000	1,000	1,000	1,000	17,050
<b>C0286 FY2002 BUS STOP IMPROVEMENTS</b> A project to implement a series of systemic improvements to Howard Transit bus stops.	1,719	0	0	0	0	0	1,719
<b>C0287 FY2002 COMMUNITY RENEWAL / ENHANCEMENTS</b> A project to design and implement a series of pedestrian improvements, streetscape enhancements and repair or enhancement of public green spaces.	889	500	100	100	100	0	1,689
<b>C0289 FY2002 TRANSIT OPERATION REPAIR FACILITY</b> A project for site selection, acquisition, design and construction of a multi-jurisdictional transit facility.	15,619	0	0	0	0	0	15,619
<b>C0290 FY2003 COURTHOUSE RENOVATION</b> A project to expand and renovate the existing courthouse.	8,580	28,400	0	0	0	0	36,980

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584,266      162,462      6,589      11,686      2,975      1,380      769,358

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**GENCO-GENERAL COUNTY PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021		FISCAL 2022		FISCAL 2023		FISCAL 2024		Total
			Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
B BONDS	209,254	112,675	6,013	1,086	2,399	880					332,307
C UTILITY CASH	4,850	2,000	0	0	0	0	0	0	0	0	6,850
G GRANTS	164,093	42,650	50	10,050	50	50	50	50	50	50	216,943
O OTHER SOURCES	93,303	-3,050	0	0	0	0	0	0	0	0	90,253
P PAY AS YOU GO	43,216	7,787	526	550	526	450					53,055
R STORMWATER UTILITY FUNDING	2,300	400	0	0	0	0	0	0	0	0	2,700
T TRANSFER TAX	250	0	0	0	0	0	0	0	0	0	250
TIF TIF BONDS	67,000	0	0	0	0	0	0	0	0	0	67,000
<b>Total</b>	<b>584,266</b>	<b>162,462</b>	<b>6,589</b>	<b>11,686</b>	<b>2,975</b>	<b>1,380</b>					<b>769,358</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : TRAFFIC IMPROVEMENTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
T7107 FY2014 DOWNTOWN COLUMBIA PATUXENT BRANCH TRAIL EXTENSION A project connecting Downtown Columbia at Lake Kittamaquundi and extending to the existing Patuxent Branch Trail.	50	1,550	0	0	0	0	1,600
	12,478	6,200	100	100	100	100	19,078

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**TRAF-TRAFFIC IMPROVEMENTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	3,843	4,680	100	100	100	100	8,923
D DEVELOPER CONTRIBUTION	1,280	200	0	0	0	0	1,480
E EXCISE TAX	600	0	0	0	0	0	600
G GRANTS	460	1,000	0	0	0	0	1,460
O OTHER SOURCES	755	20	0	0	0	0	775
P PAY AS YOU GO	2,840	300	0	0	0	0	3,140
X EXCISE TAX BACKED BONDS	2,700	0	0	0	0	0	2,700
<b>Total</b>	<b>12,478</b>	<b>6,200</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>19,078</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$'000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	Fiscal					Total
		Budget	Budget	Budget	Budget	Budget	
		2016	2017	2018	2019	2020	
<b>C0182 FY1985 PUBLIC SAFETY EDUCATION CENTER</b> A project for design and construction of a group of facilities for training of public safety employees.	27,326	1,185	7,940	0	0	0	36,451
<b>C0214 FY199- CATEGORY CONTINGENCY FUND</b> 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.	70,100	10,000	0	10,000	0	10,000	100,100
<b>C0256 ENVIRONMENTAL ASSESSMNT CONTINGENCY FUND</b> 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.	470	50	26	50	26	50	672
<b>C0264 FY1998 SYSTEMIC FACILITY IMPROVEMENTS</b> 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 to provide for system management initiatives, energy initiatives, or environmental initiatives.	26,980	0	0	0	0	0	26,980
<b>C0282 FY2001 GOVERNMENT SERVICE CAMPUS</b> A project to purchase, renovate or construct additional County office space, Courthouse and related parking both at the current County campus location in Ellicott City and at additional locations (outside of the current campus) which are being explored.	77,264	0	0	0	0	0	77,264
<b>C0285 FY2002 US1 CORRIDOR REVITALIZATION</b> 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.	8,050	1,000	1,000	1,000	1,000	1,000	13,050
<b>C0286 FY2002 BUS STOP IMPROVEMENTS</b> A project to implement a series of systemic improvements to Howard Transit bus stops.	1,719	0	0	0	0	0	1,719
<b>C0287 FY2002 COMMUNITY RENEWAL / ENHANCEMENTS</b> A project to design and implement a series of pedestrian improvements, streetscape enhancements and repair or enhancement of public green spaces.	889	100	100	100	100	100	1,389
<b>C0289 FY2002 TRANSIT OPERATION REPAIR FACILITY</b> A project for site selection, acquisition, design and construction of a multi-jurisdictional transit facility.	15,619	0	0	0	0	0	15,619
<b>C0290 FY2003 COURTHOUSE RENOVATION</b> A project to expand and renovate the existing courthouse.	8,580	19,800	8,600	0	0	0	36,980

**Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 Program : GENERAL COUNTY PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>C0298 FY2005 US 40 CORRIDOR ENHANCEMENT</b> A project to plan, design and implement improvements (eg 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	200	200	200	200	200	2,050
<b>C0299 FY2005 WASTE MANAGEMENT IMPROVEMENTS</b> A project for the design and construction of capital improvements at the Alpha Ridge Solid Waste Facility, New Cut and Carrs Mill Landfills.	28,066	1,084	760	512	1,186	0	31,608
<b>C0301 FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES</b> A project to upgrade infrastructure of the County's Local Area Networks and Wide Area Networks.	16,446	2,000	1,740	0	0	0	20,186
<b>C0309 FY2007 LAND ACQUISITION CONTINGENCY RESERVE</b> 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.	32,000	750	750	750	750	0	35,000
<b>C0311 FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS</b> Enhancements to 800 MHz Motorola Astro trunking radio system for Public Safety.	8,600	5,370	21,500	8,320	0	0	43,790
<b>C0312 FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM</b> The County currently is utilizing SAP ERP software solution as the system of Financial Accounting, Purchasing and Utility Water and Sewer billing.	16,350	1,500	1,500	1,500	1,500	0	22,350
<b>C0313 FY2008 ENVIRONMENTAL COMPLIANCE</b> A project to support environmental compliance activities for County Facilities.	9,634	943	178	182	252	448	11,637
<b>C0315 FY2009 PUBLIC SAFETY SYSTEM ENHANCEMENTS</b> This project will provide a variety of functionality enhancements for the County's existing Public Safety System.	3,095	700	905	0	0	0	4,700
<b>C0316 FY2010 ELLICOTT CITY VISITORS CENTER RESTORATION &amp; RENOVATION</b> Renovate the Historic Ellicott City Post Office in the heart of Ellicott City.	1,025	0	0	0	0	0	1,025
<b>C0317 FY2013 SYSTEMIC FACILITY IMPROVEMENTS</b> 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.	18,750	5,000	4,000	4,000	0	0	31,750
<b>C0318 FY2010 MARC SAVAGE STATION GARAGE</b> 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
<b>C0319 FY2010 TAX INCREMENT FINANCING PROJECTS</b> A project for funding of tax increment financing projects.	50,000	0	0	0	0	0	50,000

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	Fiscal Budget					Total
		2016	2017	2018	2019	2020	
<b>C0334 FY2014 EMERGENCY ALTERNATIVE POWER</b> 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.	4,000	1,000	1,000	1,000	1,000	1,000	9,000
<b>C0335 FY2014 CITIZEN SERVICES FACILITY/PROGRAM ENHANCEMENTS</b> A project to determine the additional facility needs for the Department of Citizen Services.	300	4,570	300	0	0	0	5,170
<b>C0336 FY2014 LANDFILL RESOURCE MANAGEMENT</b> 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
<b>C0337 FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS</b> This is a project to provide a variety of repairs and improvements to public infrastructure and address other community improvements and needs to improve the downtown and historic district of the Howard County Seat.	4,200	0	0	0	0	0	4,200
<b>C0338 FY2015 BROADBAND INSTALLATIONS</b> 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
<b>C0339 FY2015 BROADBAND INSTALLATIONS NON-COUNTY GOVERNMENT</b> 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
<b>C0340 FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT</b> The Broadband Installation project will extend services to non-government facilities to our fiber network.	10,000	0	0	0	0	0	10,000
<b>C0341 FY2015 CELL TOWER GENERATOR REPLACEMENTS</b> 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
<b>C0414 FY2011 ONE MARYLAND BROADBAND PLAN</b> A project resulting from the American Recovery and Reinvestment Act (ARRA) to include all costs to administer and purchase and install dark fiber infrastructure across 10 local government jurisdictions.	73,000	0	0	0	0	0	73,000
	574,263	64,337	51,249	27,764	6,164	12,948	736,725



Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 GENCO-GENERAL COUNTY PROJECTS

Revenue Source	FISCAL 2016		FISCAL 2017		FISCAL 2018		FISCAL 2019		FISCAL 2020		Total
	Total	Budget	Total	Budget	Total	Budget	Total	Budget	Total	Budget	
B BONDS	212,254	41,497	49,078	15,914	4,338	1,848	324,929				
C UTILITY CASH	4,850	500	500	500	500	0	6,850				
G GRANTS	163,593	20,450	550	10,550	550	10,550	206,243				
O OTHER SOURCES	78,800	-3,300	250	0	0	0	75,750				
P PAY AS YOU GO	45,216	4,790	871	800	776	550	53,003				
R STORMWATER UTILITY FUNDING	2,300	400	0	0	0	0	2,700				
T TRANSFER TAX	250	0	0	0	0	0	250				
TIF TIF BONDS	67,000	0	0	0	0	0	67,000				
<b>Total</b>	<b>574,263</b>	<b>64,337</b>	<b>51,249</b>	<b>27,764</b>	<b>6,164</b>	<b>12,948</b>	<b>736,725</b>				

**Howard County, MD**  
**FY 2015 Capital Resolution (\$'000)**  
**Program : DRAINAGE PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020	Total
		Budget	Budget	Budget	Budget	Budget	
<b>D1112 FY1997 DAVIS AVE AREA DRAINAGE IMPROVEMENTS</b> This project is for the design and construction of storm drainage facilities in the area of Davis Avenue in North Laurel.	687	0	0	0	0	0	687
<b>D1124 FY2007 DRAINAGE IMPROVEMENT PROGRAM</b> A project for the design and construction of small to medium size drainage improvements requested by County residents and the Bureau of Highways.	2,435	425	425	425	0	0	3,710
<b>D1125 FY2004 EMERGENCY STORM DRAIN RECONSTRUCTION</b> 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.	1,475	0	150	0	0	0	1,625
<b>D1140 FY2005 PINE TREE/GLEN COURT STORM DRAIN SYSTEM</b> A project for the design and construction of a storm drain system along Pine Tree Road, Glen Court, and Guilford Road.	2,495	465	0	0	0	0	2,960
<b>D1148 FY2007 NPDES WATERSHED MANAGEMENT PROGRAM</b> 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.	4,805	2,000	2,000	2,000	2,000	2,000	14,805
<b>D1150 FY2005 HIGH RIDGE DRAINAGE</b> A project to design and construct storm drain improvements in the High Ridge area including, but not limited to: Naylor Avenue, Hughes Avenue, Robinson Boulevard, Gross Avenue, Bryant Avenue, Grant Avenue, and Lyon Ave.	1,400	75	585	0	0	0	2,060
<b>D1155 FY2006 LINCOLN DRIVE at CEDAR VIL PARK DRAINAGE</b> A project to eliminate the freezing of runoff on Lincoln Drive, Cedar Avenue, and Wye Ave.	1,635	0	0	0	0	0	1,635
<b>D1157 FY2006 ST JOHNS LANE VICINITY DRAINAGE</b> A project for the construction of drainage improvements along St Johns Lane, Northfield Road, Southfield Road, Crescent Road, Hawthorne Road, Crestleigh Road and the adjacent neighborhoods.	1,515	0	0	0	0	0	1,515
<b>D1158 FY2008 WATERSHED MANAGEMENT CONSTRUCTION</b> This project is for design and construction of stormwater facility improvements.	16,475	4,000	4,500	5,000	5,500	6,000	41,475
<b>D1159 FY2007 STORMWATER MANAGEMENT FACILITY RECONSTRUCTION</b> 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.	17,690	4,800	5,030	5,690	6,190	6,190	45,590
<b>D1160 FY2010 STORMWATER MANAGEMENT RETROFITS</b> A project for the retrofit of stormwater management facilities to include water quality management.	12,240	2,620	2,700	3,040	3,375	3,715	27,690
<b>D1161 FY2018 SHAFFERSVILLE ROAD CULVERT REPLACEMENT</b> A project to replace the existing culvert on Shaffersville Road (between Florence Road and Shaffers Mill Road).	0	0	0	100	25	400	525

**Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 Program : DRAINAGE PROJECTS**

Project Description	Total	Fiscal Year Budget					Total	
		Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal 2019	Fiscal 2020		
<b>D1162 FY2012 DRAINAGE EASEMENT ACQUISITION/REFURBISH</b> A project for the purchase of easements as required and repairs for pipes under County roads in the older sections of the County.	1,650	300	300	300	300	300	0	2,850
<b>D1163 FY2012 TROTTER ROAD SLOPE STABILIZATION</b> 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.	575	0	0	0	0	0	0	575
<b>D1164 FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS</b> This project is for design and construction of Environmental Site Design (ESD) small scale storm water facilities.	2,950	1,200	1,200	1,200	1,200	1,200	1,000	8,750
<b>D1165 FY2013 FLOOD MITIGATION and STORMWATER/WATERWAY ENHANCEMENT</b> This project is for the study, design, and construction of flood mitigation and stormwater/waterway enhancement efforts in downtown Ellicott City.	2,675	750	750	750	750	0	0	4,925
<b>D1166 FY2015 CHESTNUT HILLS DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Chestnut Hills Community including but not limited to: Deerfield Drive, Family Way and Ivy Lane.	100	100	900	0	0	0	0	1,100
<b>D1167 FY2015 GLENBROOK DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Glenbrook Community including but not limited to: Walker Drive and Dogwood Drive.	100	170	350	0	0	0	0	620
<b>D1168 FY2015 MORGAN WOODBINE ROAD SLOPE STABILIZATION</b> 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	0	665
	<b>71,102</b>	<b>16,930</b>	<b>19,330</b>	<b>18,505</b>	<b>18,590</b>	<b>19,305</b>		<b>163,762</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**DRAIN-DRAINAGE PROJECTS**

Revenue Source	FISCAL 2016		FISCAL 2017		FISCAL 2018		FISCAL 2019		FISCAL 2020		Total
	Total	Budget	Total	Budget	Total	Budget	Total	Budget	Total	Budget	
B BONDS	40,585	6,905	8,815	7,190	7,500	7,960	78,955				
D DEVELOPER CONTRIBUTION	200	0	0	0	0	0	200				
G GRANTS	9,180	0	0	0	0	0	9,180				
O OTHER SOURCES	267	0	0	0	0	0	267				
P PAY AS YOU GO	4,580	800	800	800	500	1,000	8,480				
R STORMWATER UTILITY FUNDING	14,175	9,000	9,440	10,290	10,590	10,345	63,840				
S STORM DRAINAGE FUND	2,115	225	275	225	0	0	2,840				
<b>Total</b>	<b>71,102</b>	<b>16,930</b>	<b>19,330</b>	<b>18,505</b>	<b>18,590</b>	<b>19,305</b>	<b>163,762</b>				

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**Program : SCHOOL SYSTEM PROJECTS**

Project Description	Total	Fiscal 2016	Fiscal 2017	Fiscal 2018	Fiscal	Fiscal	Total
		Budget	Budget	Budget	2019	2020	
<b>E1026 FY2012 PHELPS LUCK ELEM RENOVATION</b> A project to expand educational program spaces and renovate Phelps Luck Elementary School.	19,208	0	0	0	0	0	19,208
<b>E1027 FY2013 LONGFELLOW ELEM ADDITION</b> A project to expand educational program spaces and renovate Longfellow Elementary School.	16,930	0	0	0	0	0	16,930
<b>E1028 FY2018 NEW ELEMENTARY SCHOOL #42</b> A project to construct a new elementary school to relieve the Southeastern region.	0	0	0	3,528	31,896	0	35,424
<b>E1029 FY2019 OAKLAND MILLS HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Oakland Mills High School.	0	0	0	0	5,929	37,244	43,173
<b>E1030 FY2014 DEEP RUN ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Deep Run Elementary School.	20,154	0	0	0	0	0	20,154
<b>E1031 FY2014 WILDE LAKE MIDDLE SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Wilde Lake Middle School.	10,858	26,279	0	0	0	0	37,137
<b>E1032 FY2014 LAUREL WOODS ELEM SCHOOL ADDITION</b> A project to expand educational program spaces Laurel Woods Elementary School.	8,062	0	0	0	0	0	8,062
<b>E1033 FY2015 PATUXENT VALLEY MIDDLE SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Patuxent Valley Middle School.	9,360	13,476	4,636	0	0	0	27,472
<b>E1034 FY2015 SWANSFIELD ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Swansfield Elementary School.	1,898	10,520	7,013	0	0	0	19,431
<b>E1035 FY2024 NEW HIGH SCHOOL #13</b> A project to construct a new high school to relieve the Northeast region.	0	0	0	0	0	0	0
	<b>664,051</b>	<b>121,977</b>	<b>135,771</b>	<b>118,109</b>	<b>144,003</b>	<b>136,837</b>	<b>1,320,748</b>

**Howard County, MD**  
**FY 2015 Capital Resolution (\$000)**  
**EDUC-SCHOOL SYSTEM PROJECTS**

Revenue Source	FISCAL 2016		FISCAL 2017		FISCAL 2018		FISCAL 2019		FISCAL 2020		Total
	Total	Budget	Total	Budget	Total	Budget	Total	Budget	Total	Budget	
A STATE AID for SCHOOLS	182,589	0	0	0	0	0	0	0	0	0	182,589
B BONDS	379,083	121,977	135,771	118,109	144,003	136,837	1,035,780	4,000	4,858	52,598	40,923
D DEVELOPER CONTRIBUTION	4,000	0	0	0	0	0	0	0	0	0	0
P PAY AS YOU GO	4,858	0	0	0	0	0	0	0	0	0	0
T TRANSFER TAX	52,598	0	0	0	0	0	0	0	0	0	0
Z EDUCATION EXCISE BONDS	40,923	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>664,051</b>	<b>121,977</b>	<b>135,771</b>	<b>118,109</b>	<b>144,003</b>	<b>136,837</b>	<b>1,320,748</b>				

**Howard County, MD  
FY 2015 Capital Resolution (\$000)  
Program : SIDEWALKS**

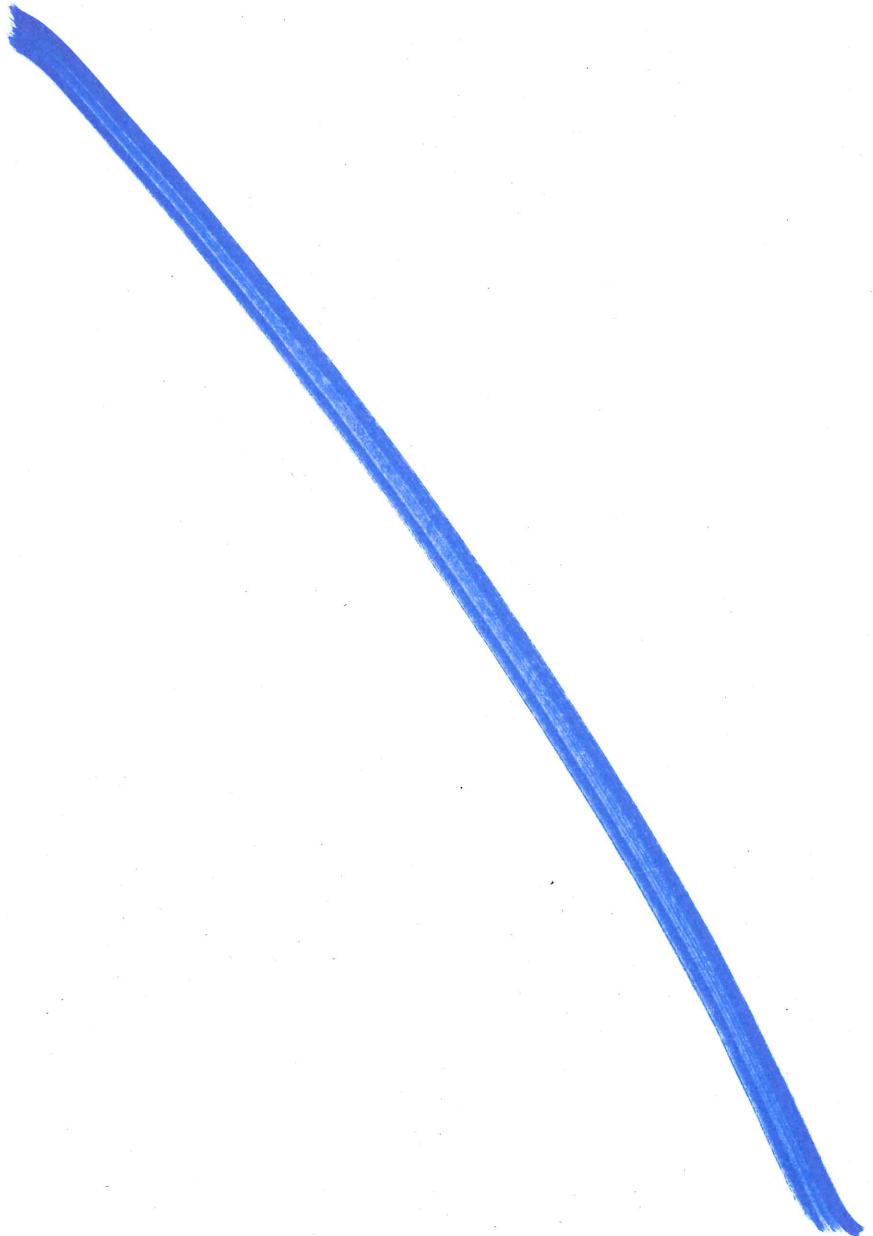
Project Description	Total	Fiscal Year					Total	
		Fiscal 2016 Budget	Fiscal 2017 Budget	Fiscal 2018 Budget	Fiscal 2019 Budget	Fiscal 2020 Budget		
<b>K5034 FY2001 HUNT CLUB SIDEWALK</b> A project to construct approximately 4,000 LF of sidewalk along Hunt Club Road from US1 to Bauman Drive.	595	200	0	0	0	0	0	795
<b>K5035 FY1998 SCHOOL ROUTE PATHWAYS or SIDEWALKS</b> This project is for the installation of sidewalks and/or pathways to provide for improved routes for school children.	288	300	300	0	0	0	0	888
<b>K5036 FY1998 ROUTINE SIDEWALK / WALKWAY EXTENSIONS</b> A project to design and construct routine sidewalk and walkway extensions up to about 1,000 feet in length.	520	150	0	150	0	0	0	820
<b>K5038 FY1999 SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	1,505	0	0	0	0	0	0	1,505
<b>K5040 FY2005 GUILFORD RD PEDESTRIAN/BIKE IMPROVE</b> A project for the design and construction of sidewalk on one or both sides of Guilford Road between Oakland Mills Road and US1.	725	700	70	400	80	430	0	2,405
<b>K5043 SIDEWALK REPAIR PROGRAM</b> This project is for the repair of deteriorated sidewalks and driveway aprons that are in the public rights-of-way.	4,170	625	625	625	625	625	625	7,295
<b>K5052 FY2018 LONG GATE SIDEWALK</b> The project is for the reconstruction of approximately 1,500 LF concrete curb storm drain inlets and sidewalk along Long Gate Parkway, including the bridge over MD100.	0	0	0	75	0	0	250	325
<b>K5054 FY2003 ROADSIDE IMPROVEMENT PROGRAM</b> This project is to repair, replace or install sidewalks and ramps for handicapped 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	370	370	370	370	370	0	5,195
<b>K5061 FY2007 PEDESTRIAN PLAN PROJECTS</b> A project for the ongoing evaluation, design and construction of pedestrian improvements listed in the Howard County Pedestrian Master Plan.	2,427	655	655	655	0	0	0	4,392
<b>K5062 FY2009 STATE ROADS SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	100	100	100	100	100	100	100	600
<b>K5063 FY2017 NORTH LAUREL ROAD SIDEWALK</b> A project for the design and construction of a sidewalk along the southwest side of North Laurel Road from Linville Ave to US1.	0	0	75	25	120	0	0	220
<b>K5064 FY2017 MISSION ROAD SIDEWALK</b> A project to install sidewalk along parts of Mission Road.	0	0	75	210	0	0	0	285
<b>K5065 FY2018 DONCASTER DRIVE SIDEWALK</b> A project to construct approximately 1,200 LF of sidewalk along Doncaster Drive from Roundhill Road to Hale Haven Road.	0	0	0	50	60	0	0	110

**Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 Program : TRAFFIC IMPROVEMENTS**

Project Description	Total	Fiscal					Total
		Budget	Budget	Budget	Budget	Budget	
<b>T7087 FY1999 STREET LIGHT SETBACK SAFETY PROGRAM</b> A program to provide safety improvements along arterial roadways in Columbia by setting back and upgrading all existing street lights.	600	0	0	0	0	0	600
<b>T7088 FY2001 SCHOOL CROSSWALK IMPROVEMENTS</b> 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.	1,193	50	50	50	50	50	1,443
<b>T7089 FY2005 RESIDENTIAL TRAFFIC CALMING</b> A project to construct geometric roadway changes to reduce traffic speeding in residential areas.	1,210	100	100	100	100	0	1,510
<b>T7094 FY2007 STREET LIGHTING PROGRAM</b> This project is for the installation of new street lights in existing communities and commercial/industrial areas, and the conversion of existing post-top style street lights to high pressure sodium vapor fixtures.	2,075	415	215	0	0	0	2,705
<b>T7101 FY2008 STATE/COUNTY SHARED INTERSECTIONS</b> A project for the design, review and construction funding of geometric and traffic control modifications at various intersections of State and / or County roads.	1,400	0	0	0	0	0	1,400
<b>T7102 FY2008 STREET SIGN PROGRAM</b> 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.	600	90	90	0	0	0	780
<b>T7103 FY2009 STATE/COUNTY SHARED TRAFFIC CONTROL</b> A project for design, review and construction funding of traffic control at various intersections of State and County roads.	800	200	250	250	250	0	1,750
<b>T7104 FY2009 DEVELOPER/COUNTY SIGNALS</b> A project to facilitate the design, construction, and modification of traffic signals and appurtenances at various new development locations where warranted.	1,100	50	0	0	0	0	1,150
<b>T7105 FY2011-SIGNALIZATION PROGRAM</b> 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.	1,760	700	300	300	300	0	3,360
<b>T7106 INTERSECTION IMPROVEMENT PROGRAM</b> This project is for the study, design and construction of geometric and pedestrian modifications to improve the safety or increase capacity at various intersections.	1,690	230	230	230	0	0	2,380
<b>T7107 FY2014 DOWNTOWN COLUMBIA PATUXENT BRANCH TRAIL EXTENSION</b> A project connecting Downtown Columbia at Lake Kitamagundi and extending to the existing Patuxent Branch Trail.	550	1,550	0	0	0	0	2,100



12,978 3,385 1,235 930 600 50 19,178



**Howard County, MD  
 FY 2015 Capital Resolution (\$000)  
 TRAF-TRAFFIC IMPROVEMENTS**

Revenue Source	FISCAL 2016		FISCAL 2017		FISCAL 2018		FISCAL 2019		FISCAL 2020		Total
	Total	Budget	Total	Budget	Total	Budget	Total	Budget	Total	Budget	
B BONDS	3,843	2,165	1,065	800	600	50	8,523				
D DEVELOPER CONTRIBUTION	1,280	110	60	30	0	0	1,480				
E EXCISE TAX	600	0	0	0	0	0	600				
G GRANTS	960	1,000	0	0	0	0	1,960				
O OTHER SOURCES	755	10	10	0	0	0	775				
P PAY AS YOU GO	2,840	100	100	100	0	0	3,140				
X EXCISE TAX BACKED BONDS	2,700	0	0	0	0	0	2,700				
<b>Total</b>	<b>12,978</b>	<b>3,385</b>	<b>1,235</b>	<b>930</b>	<b>600</b>	<b>50</b>	<b>19,178</b>				

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>C0182 FY1985 PUBLIC SAFETY EDUCATION CENTER</b> A project for design and construction of a group of facilities for training of public safety employees.	27,326	9,125	0	0	0	0	36,451
<b>C0214 FY199- CATEGORY CONTINGENCY FUND</b> 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.	70,100	30,000	0	10,000	0	0	110,100
<b>C0256 ENVIRONMENTAL ASSESSMENT CONTINGENCY FUND</b> 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.	470	202	26	50	26	50	824
<b>C0264 FY1998 SYSTEMIC FACILITY IMPROVEMENTS</b> 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 to provide for system management initiatives, energy initiatives, or environmental initiatives.	26,980	0	0	0	0	0	26,980
<b>C0282 FY2001 GOVERNMENT SERVICE CAMPUS</b> A project to purchase, renovate or construct additional County office space, Courthouse and related parking both at the current County campus location in Ellicott City and at additional locations (outside of the current campus) which are being explored.	77,264	0	0	0	0	0	77,264
<b>C0285 FY2002 US1 CORRIDOR REVITALIZATION</b> 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.	8,050	5,000	1,000	1,000	1,000	1,000	17,050
<b>C0286 FY2002 BUS STOP IMPROVEMENTS</b> A project to implement a series of systemic improvements to Howard Transit bus stops.	1,719	0	0	0	0	0	1,719
<b>C0287 FY2002 COMMUNITY RENEWAL / ENHANCEMENTS</b> A project to design and implement a series of pedestrian improvements, streetscape enhancements and repair or enhancement of public green spaces.	889	500	100	100	100	0	1,689
<b>C0289 FY2002 TRANSIT OPERATION REPAIR FACILITY</b> A project for site selection, acquisition, design and construction of a multi-jurisdictional transit facility.	15,619	0	0	0	0	0	15,619
<b>C0290 FY2003 COURTHOUSE RENOVATION</b> A project to expand and renovate the existing courthouse.	8,580	28,400	0	0	0	0	36,980

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>C0298 FY2005 US 40 CORRIDOR ENHANCEMENT</b> A project to plan, design and implement improvements (eg 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	1,000	200	200	200	0	2,650
<b>C0299 FY2005 WASTE MANAGEMENT IMPROVEMENTS</b> A project for the design and construction of capital improvements at the Alpha Ridge Solid Waste Facility, New Cut and Carrs Mill Landfills.	28,066	3,542	4,635	0	1,321	0	37,564
<b>C0301 FY2005 TECHNOLOGY INFRASTRUCTURE UPGRADES</b> A project to upgrade infrastructure of the County's Local Area Networks and Wide Area Networks.	16,446	3,740	0	0	0	0	20,186
<b>C0309 FY2007 LAND ACQUISITION CONTINGENCY RESERVE</b> 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.	32,000	3,000	0	0	0	0	35,000
<b>C0311 FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS</b> Enhancements to 800 MHz Motorola Astro trunking radio system for Public Safety.	8,600	35,190	0	0	0	0	43,790
<b>C0312 FY2007 ENTERPRISE RESOURCE PLANNING SYSTEM</b> The County currently is utilizing SAP ERP software solution as the system of Financial Accounting, Purchasing and Utility Water and Sewer billing.	16,360	6,000	0	0	0	0	22,360
<b>C0313 FY2008 ENVIRONMENTAL COMPLIANCE</b> A project to support environmental compliance activities for County Facilities.	9,634	2,003	478	186	178	180	12,659
<b>C0315 FY2009 PUBLIC SAFETY SYSTEM ENHANCEMENTS</b> This project will provide a variety of functionality enhancements for the County's existing Public Safety System.	3,095	1,605	0	0	0	0	4,700
<b>C0316 FY2010 ELLICOTT CITY VISITORS CENTER RESTORATION &amp; RENOVATION</b> Renovate the Historic Ellicott City Post Office in the heart of Ellicott City.	1,025	0	0	0	0	0	1,025
<b>C0317 FY2013 SYSTEMIC FACILITY IMPROVEMENTS</b> 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.	18,750	13,000	0	0	0	0	31,750
<b>C0318 FY2010 MARC SAVAGE STATION GARAGE</b> 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

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : GENERAL COUNTY PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>C0333 FY2015 DETENTION CENTER RENOVATIONS</b> 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.	395	7,210	0	0	0	0	7,605
<b>C0334 FY2014 EMERGENCY ALTERNATIVE POWER</b> 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.	4,000	5,000	0	0	0	0	9,000
<b>C0335 FY2014 CITIZEN SERVICES FACILITY/PROGRAM ENHANCEMENTS</b> A project to determine the additional facility needs for the Department of Citizen Services.	300	4,870	0	0	0	0	5,170
<b>C0336 FY2014 LANDFILL RESOURCE MANAGEMENT</b> 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
<b>C0337 FY2014 ELLICOTT CITY IMPROVEMENTS and ENHANCEMENTS</b> This is a project to provide a variety of repairs and improvements to public infrastructure and address other community improvements and needs to improve the downtown and historic district of the Howard County Seat.	4,200	0	0	0	0	0	4,200
<b>C0338 FY2015 BROADBAND INSTALLATIONS</b> 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
<b>C0339 FY2015 BROADBAND INSTALLATIONS NON-COUNTY GOVERNMENT</b> 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
<b>C0340 FY2015 BROADBAND INSTALLATIONS NON-GOVERNMENT</b> The Broadband Installation project will extend services to non-government facilities to our fiber network.	10,000	0	0	0	0	0	10,000
<b>C0341 FY2015 CELL TOWER GENERATOR REPLACEMENTS</b> 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
<b>C0414 FY2011 ONE MARYLAND BROADBAND PLAN</b> A project resulting from the American Recovery and Reinvestment Act (ARRA) to include all costs to administer and purchase and install dark fiber infrastructure across 10 local government jurisdictions.	73,000	0	0	0	0	0	73,000

574,263

162,462

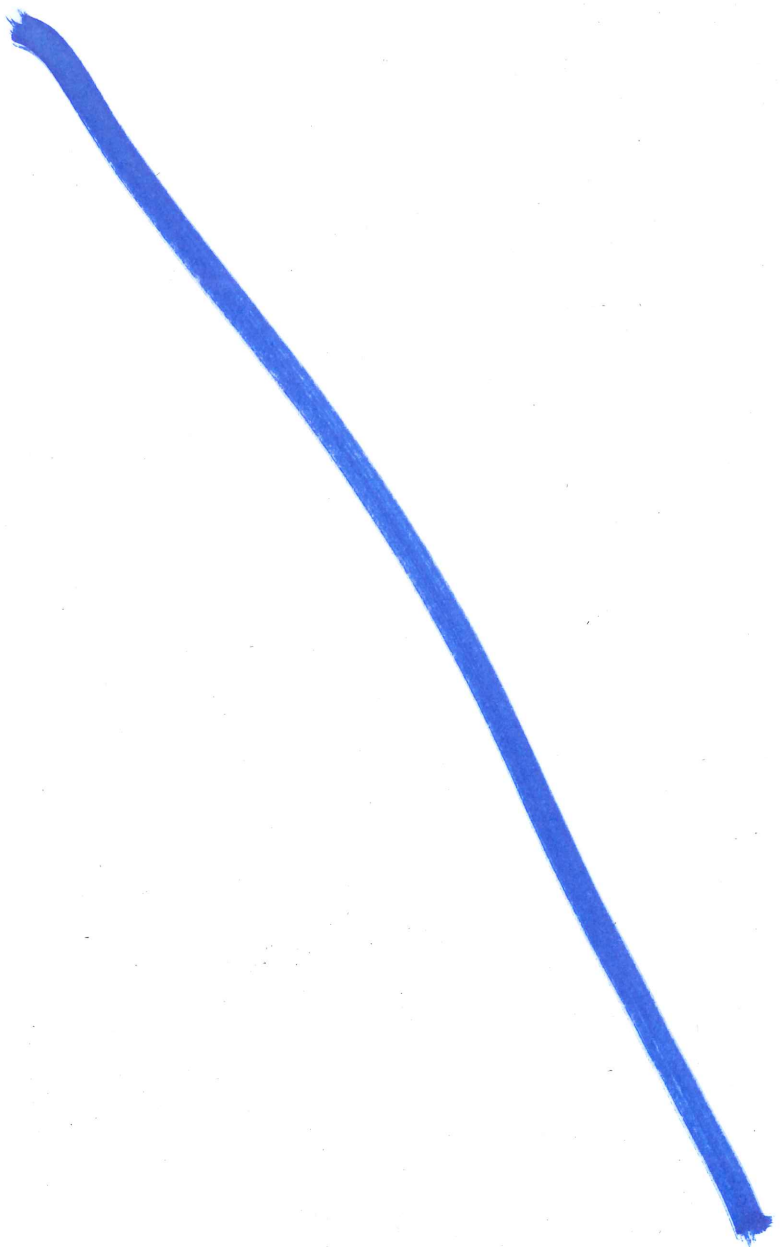
6,589

11,686

2,975

1,380

759,355



**Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 GENCO-GENERAL COUNTY PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL	FISCAL	FISCAL	FISCAL	Total
			2021 Budget	2022 Budget	2023 Budget	2024 Budget	
B BONDS	212,254	112,675	6,013	1,086	2,399	880	335,307
C UTILITY CASH	4,850	2,000	0	0	0	0	6,850
G GRANTS	163,593	42,650	50	10,050	50	50	216,443
O OTHER SOURCES	78,800	-3,050	0	0	0	0	75,750
P PAY AS YOU GO	45,216	7,787	526	550	526	450	55,055
R STORMWATER UTILITY FUNDING	2,300	400	0	0	0	0	2,700
T TRANSFER TAX	250	0	0	0	0	0	250
TIF TIF BONDS	67,000	0	0	0	0	0	67,000
<b>Total</b>	<b>574,263</b>	<b>162,462</b>	<b>6,589</b>	<b>11,686</b>	<b>2,975</b>	<b>1,380</b>	<b>759,355</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : DRAINAGE PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>D1160 FY2010 STORMWATER MANAGEMENT RETROFITS</b> A project for the retrofit of stormwater management facilities to include water quality management.	12,240	15,450	0	0	0	0	27,690
<b>D1161 FY2018 SHAFFERSVILLE ROAD CULVERT REPLACEMENT</b> A project to replace the existing culvert on Shaffersville Road (between Florence Road and Shaffers Mill Road).	0	525	0	0	0	0	525
<b>D1162 FY2012 DRAINAGE EASEMENT ACQUISITION/REFURBISH</b> A project for the purchase of easements as required and repairs for pipes under County roads in the older sections of the County.	1,650	1,200	0	0	0	0	2,850
<b>D1163 FY2012 TROTTER ROAD SLOPE STABILIZATION</b> 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.	575	0	0	0	0	0	575
<b>D1164 FY2013 COMMUNITY ENVIRONMENTAL PARTNERSHIPS</b> This project is for design and construction of Environmental Site Design (ESD) small scale storm water facilities.	2,950	5,800	1,000	1,000	1,000	1,000	12,750
<b>D1165 FY2013 FLOOD MITIGATION and STORMWATERWATERWAY ENHANCEMENT</b> This project is for the study, design, and construction of flood mitigation and stormwater/waterway enhancement efforts in downtown Ellicoct City.	2,675	2,250	0	0	0	0	4,925
<b>D1166 FY2015 CHESTNUT HILLS DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Chestnut Hills Community including but not limited to: Deerfield Drive, Family Way and Ivy Lane.	100	1,000	0	0	0	0	1,100
<b>D1167 FY2015 GLENBROOK DRAINAGE IMPROVEMENTS</b> A project to design and construct drainage improvements in the Glenbrook Community including but not limited to: Walker Drive and Dogwood Drive.	100	520	0	0	0	0	620
<b>D1168 FY2015 MORGAN WOODBINE ROAD SLOPE STABILIZATION</b> 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
	<b>71,102</b>	<b>92,660</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>167,762</b>



**Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 DRAIN-DRAINAGE PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
B BONDS	40,585	38,370	0	0	0	0	78,955
D DEVELOPER CONTRIBUTION	200	0	0	0	0	0	200
G GRANTS	9,180	0	0	0	0	0	9,180
O OTHER SOURCES	267	0	0	0	0	0	267
P PAY AS YOU GO	4,580	3,900	1,000	1,000	1,000	1,000	12,480
R STORMWATER UTILITY FUNDING	14,175	49,665	0	0	0	0	63,840
S STORM DRAINAGE FUND	2,115	725	0	0	0	0	2,840
<b>Total</b>	<b>71,102</b>	<b>92,660</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>167,762</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SCHOOL SYSTEM PROJECTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>E1024 FY2016 HAMMOND HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Hammond High School.	0	65,012	0	0	0	0	65,012
<b>E1025 FY2022 CENTENNIAL HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Centennial High School.	0	0	0	5,914	37,154	24,770	67,838
<b>E1026 FY2012 PHELPS LUCK ELEM RENOVATION</b> A project to expand educational program spaces and renovate Phelps Luck Elementary School.	19,208	0	0	0	0	0	19,208
<b>E1027 FY2013 LONGFELLOW ELEM ADDITION</b> A project to expand educational program spaces and renovate Longfellow Elementary School.	16,930	0	0	0	0	0	16,930
<b>E1028 FY2018 NEW ELEMENTARY SCHOOL #42</b> A project to construct a new elementary school to relieve the Southeastern region.	0	35,424	0	0	0	0	35,424
<b>E1029 FY2019 OAKLAND MILLS HIGH SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Oakland Mills High School.	0	43,173	24,829	0	0	0	68,002
<b>E1030 FY2014 DEEP RUN ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Deep Run Elementary School.	20,154	0	0	0	0	0	20,154
<b>E1031 FY2014 WILDE LAKE MIDDLE SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Wilde Lake Middle School.	10,858	26,279	0	0	0	0	37,137
<b>E1032 FY2014 LAUREL WOODS ELEM SCHOOL ADDITION</b> A project to expand educational program spaces Laurel Woods Elementary School.	8,062	0	0	0	0	0	8,062
<b>E1033 FY2015 PATUXENT VALLEY MIDDLE SCHOOL RENOVATION</b> A project to expand educational program spaces and renovate Patuxent Valley Middle School.	9,360	18,112	0	0	0	0	27,472
<b>E1034 FY2015 SWANSFIELD ELEM SCHOOL RENOVATION/ADDITION</b> A project to expand educational program spaces and renovate Swansfield Elementary School.	1,898	17,533	0	0	0	0	19,431
<b>E1035 FY2024 NEW HIGH SCHOOL #13</b> A project to construct a new high school to relieve the Northeast region.	0	0	0	0	0	10,439	10,439
	<b>664,051</b>	<b>656,697</b>	<b>105,461</b>	<b>84,463</b>	<b>118,925</b>	<b>120,364</b>	<b>1,749,961</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**EDUC-SCHOOL SYSTEM PROJECTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL 2021 Budget	FISCAL 2022 Budget	FISCAL 2023 Budget	FISCAL 2024 Budget	Total
A STATE AID for SCHOOLS	182,589	0	0	0	0	0	182,589
B BONDS	379,083	656,697	105,461	84,463	118,925	120,364	1,464,993
D DEVELOPER CONTRIBUTION	4,000	0	0	0	0	0	4,000
P PAY AS YOU GO	4,858	0	0	0	0	0	4,858
T TRANSFER TAX	52,598	0	0	0	0	0	52,598
Z EDUCATION EXCISE BONDS	40,923	0	0	0	0	0	40,923
<b>Total</b>	<b>664,051</b>	<b>656,697</b>	<b>105,461</b>	<b>84,463</b>	<b>118,925</b>	<b>120,364</b>	<b>1,749,961</b>

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**Program : SIDEWALKS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>K5034 FY2001 HUNT CLUB SIDEWALK</b> A project to construct approximately 4,000 LF of sidewalk along Hunt Club Road from US1 to Bauman Drive.	595	200	0	0	0	0	795
<b>K5035 FY1998 SCHOOL ROUTE PATHWAYS or SIDEWALKS</b> This project is for the installation of sidewalks and/or pathways to provide for improved routes for school children.	288	600	0	0	0	0	888
<b>K5036 FY1998 ROUTINE SIDEWALK / WALKWAY EXTENSIONS</b> A project to design and construct routine sidewalk and walkway extensions up to about 1,000 feet in length.	520	300	0	0	0	0	820
<b>K5038 FY1999 SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	1,505	0	0	0	0	0	1,505
<b>K5040 FY2005 GULLFORD RD PEDESTRIAN/BIKE IMPROVE</b> A project for the design and construction of sidewalk on one or both sides of Gullford Road between Oakland Mills Road and US1.	725	1,680	0	0	0	0	2,405
<b>K5043 SIDEWALK REPAIR PROGRAM</b> This project is for the repair of deteriorated sidewalks and driveway aprons that are in the public rights-of-way.	4,170	3,125	0	0	0	0	7,295
<b>K5052 FY2018 LONG GATE SIDEWALK</b> The project is for the reconstruction of approximately 1,500 LF concrete curb storm drain inlets and sidewalk along Long Gate Parkway, including the bridge over MD100.	0	325	250	0	0	0	575
<b>K5054 FY2003 ROADSIDE IMPROVEMENT PROGRAM</b> This project is to repair, replace or install sidewalks and ramps for handicapped 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	1,480	0	0	0	0	5,195
<b>K5061 FY2007 PEDESTRIAN PLAN PROJECTS</b> A project for the ongoing evaluation, design and construction of pedestrian improvements listed in the Howard County Pedestrian Master Plan.	2,427	1,965	0	0	0	0	4,392
<b>K5062 FY2009 STATE ROADS SIDEWALK RETROFIT PROGRAM</b> A project to design and construct improved pedestrian access along State roads.	100	500	0	0	0	0	600
<b>K5063 FY2017 NORTH LAUREL ROAD SIDEWALK</b> A project for the design and construction of a sidewalk along the southwest side of North Laurel Road from Linville Ave to US1.	0	220	0	0	0	0	220
<b>K5064 FY2017 MISSION ROAD SIDEWALK</b> A project to install sidewalk along parts of Mission Road.	0	285	0	0	0	0	285

**Howard County, MD  
 FY 2015 Extended Capital Resolution (\$000)  
 Program : TRAFFIC IMPROVEMENTS**

Project Description	Total	5Yr Capital Improvement Program	Fiscal 2021 Budget	Fiscal 2022 Budget	Fiscal 2023 Budget	Fiscal 2024 Budget	Total
<b>T7107 FY2014 DOWNTOWN COLUMBIA PATUXENT BRANCH TRAIL EXTENSION</b>	550	1,550	0	0	0	0	2,100
A project connecting Downtown Columbia at Lake Kitamaquundi and extending to the existing Patuxent Branch Trail.	12,978	6,200	100	100	100	100	19,578

**Howard County, MD**  
**FY 2015 Extended Capital Resolution (\$000)**  
**TRAF-TRAFFIC IMPROVEMENTS**

Revenue Source	Total	5Yr Capital Improvement Program	FISCAL				Total
			2021 Budget	2022 Budget	2023 Budget	2024 Budget	
B BONDS	3,843	4,680	100	100	100	100	8,923
D DEVELOPER CONTRIBUTION	1,280	200	0	0	0	0	1,480
E EXCISE TAX	600	0	0	0	0	0	600
G GRANTS	960	1,000	0	0	0	0	1,960
O OTHER SOURCES	755	20	0	0	0	0	775
P PAY AS YOU GO	2,840	300	0	0	0	0	3,140
X EXCISE TAX BACKED BONDS	2,700	0	0	0	0	0	2,700
<b>Total</b>	<b>12,978</b>	<b>6,200</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>19,578</b>