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FOREWORD

The Department of Budget and Management annually produces the capital budget volume of the State Budget. This volume provides a description of each capital project and program funded in the proposed capital budget and five-year capital improvement program. Each chapter of the volume contains the capital improvement program for a separate State Agency. The chapter begins with a summary of factors influencing the capital improvement program, a summary of changes to the prior capital improvement program, followed by one or two sections summarizing any proposed State-owned capital projects and Grant and Loan programs.

The format of the pages for capital projects and capital programs is explained in Illustration #1 below and in Illustration #2 on the next page. Dollar amounts in the funding charts are displayed in thousands. For example:

1 = 1,000
 10 = 10,000
 100 = 100,000
 1,000 = 1,000,000
 10,000 = 10,000,000

UNIVERSITY SYSTEM OF MARYLAND

FY 2017 - FY 2021 Capital Improvement Program

Agency Name: **UNIVERSITY OF MARYLAND, BALTIMORE**
 Project Type: **State-Owned Facilities**
 Budget Code: **RB21**

Project Title: **Health Sciences Research Facility III (Baltimore City)**
 Project Description: **Construct a new 224,986 NASF/428,970 GSF research building for the Schools of Medicine, Pharmacy, and Dentistry. The facility will be located on the site formerly occupied by Hayden-Harris Hall at 666 West Baltimore Street in Baltimore City. Approximately one-third of the building will be used for functions currently in the Medical School Teaching Facility to enable the phased renovation of that building. The remaining two-thirds of the facility will address the campus' need for additional research space to support growth in federal and private sponsored research. The FY 2017 budget includes funding to continue construction of the facility.**

Current Budget Year Amount: **FY 2017 Total \$81,000**

Source	Prior Auth.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GO Bonds	155,792	81,000	3,600	-	-	-	240,392
Non-Budgeted Funds	41,050	14,150	9,800	-	-	-	65,000
TOTAL	196,842	95,150	13,400	-	-	-	305,392

Use	26,242	-	-	-	-	-	26,242
Planning	26,242	-	-	-	-	-	26,242
Construction	170,600	74,650	3,400	-	-	-	248,650
Equipment	-	20,500	10,000	-	-	-	30,500

CIP Total

Note: ALL dollars are displayed in thousands.

Illustration #1 (Capital Project)

FOREWORD

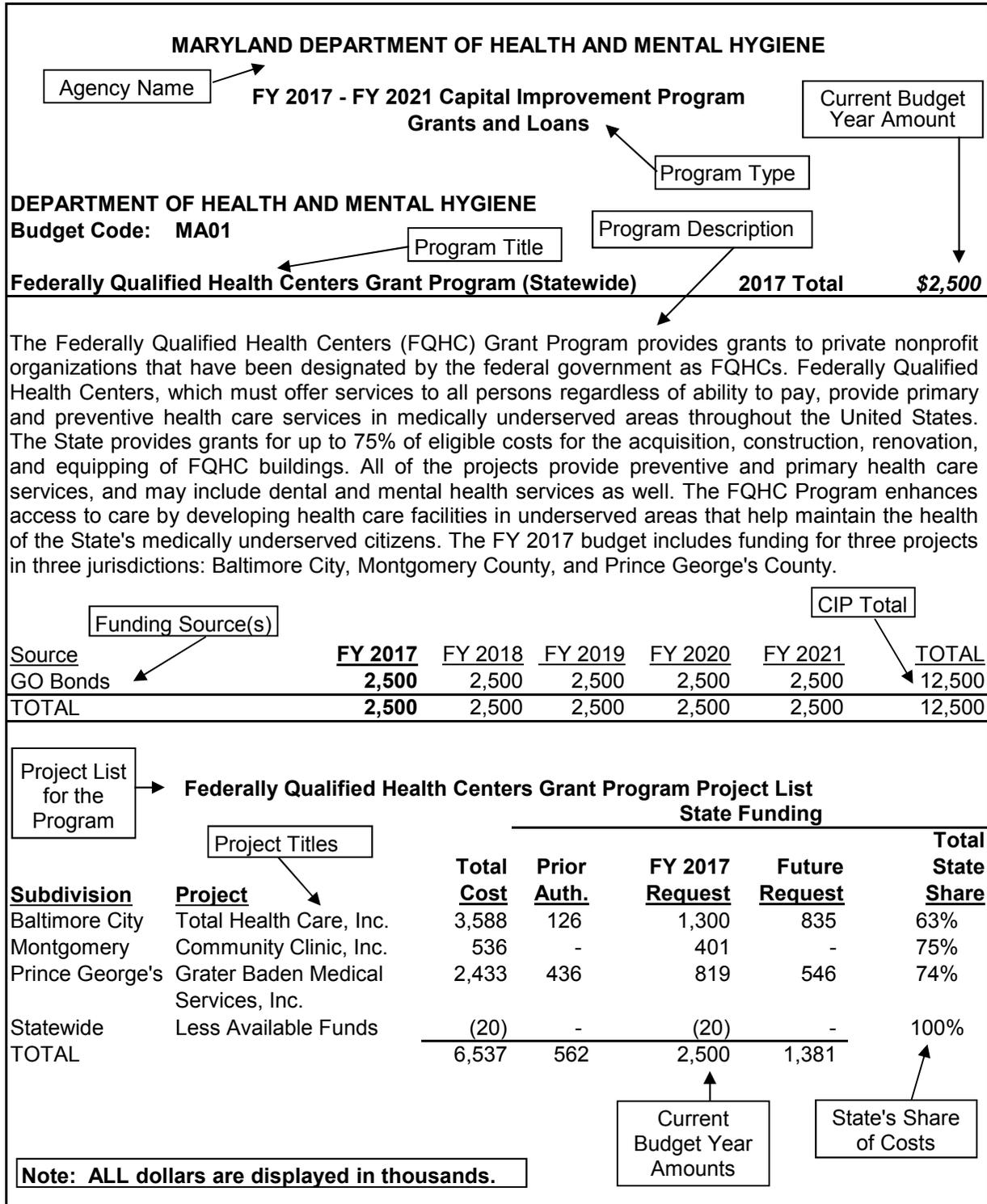


Illustration #2 (Capital Program)

INTRODUCTION

Maryland's proposed Capital Improvement Program (CIP) for fiscal year 2017, exclusive of the Department of Transportation, totals \$1,449,983,000 and is derived from several fund sources:

Source	Amount - in thousands
General Obligation Bonds	1,002,385
General Funds	2,380
Special Funds	341,099
Federal Funds	74,939
Revenue Bonds	24,500
Qualified Zone Academy Bonds	4,680
	<hr/> 1,449,983

General obligation bonds are authorized and issued to provide funds for State-owned capital improvements such as prisons, State hospitals, facilities at public institutions of higher education, and State office buildings. General obligation bonds are also issued for various local capital projects, local jails, public schools, and community health centers.

General tax revenues or general funds, are most frequently used for operating budget items. However, a portion of general funds in FY 2017 - FY 2021 has been set aside for capital projects or programs and are identified herein. These funds are also referred to as "Capital Appropriations" or "PAYGO".

Special funds are dedicated to specific purposes such as parks and open space. They include private grants, user fees, dedicated taxes, and loan repayments.

Federal funds are grants from the federal government, which are designated for a specific purpose, such as construction of military facilities or the financing of housing programs.

Revenue bonds are funds generated through the sale of bonds secured by dedicated revenues and are not considered an obligation of the State of Maryland.

Qualified Zone Academy Bonds (QZAB) are special federally-authorized tax-credit bonds, which allow QZAB purchasers (limited to qualified insurance companies, banks, and other lenders) to receive federal income tax credits. QZAB proceeds are used to fund capital improvements and repairs at existing schools in which at least 35% of the students are eligible for free or reduced-price lunch. All QZAB projects must have private business contributions equal to 10% of the cost of the projects.

Nonbudgeted funds are funds generated from fees, charges, grants, donations, and operations which are not included in the State budget because the activities which generate these funds are intended to be self-supporting. The expenditure of nonbudgeted funds for capital projects is subject to the availability of such funds in the amounts and in the years projected, and to decisions of the appropriate governing bodies. Nonbudgeted funds are included in project funding summaries to display total project costs, but are not included in agency subtotals or grand totals.

For fiscal year 2017, the capital budget proposes \$1,002,385,000 in general obligation bonds for State-owned facilities and grant and loan programs. A total of \$8,622,199 in general obligation bonds from prior years will be deauthorized and used to fund FY 2017 projects. The new net general obligation amount, subtracting deauthorizations, is \$993,762,801. Separate legislation will authorize an additional \$4,680,000 in Qualified Zone Academy Bonds (QZAB).

The fiscal year 2017 capital budget is summarized by fund source and use, for each agency's project or program on the following pages.

INTRODUCTION

The following table shows projects with GO Bond pre-authorizations for FY 2017. The FY 2017 funding amounts for these projects have been adjusted to reflect current project needs.

FY 2017 Funding for Pre-Authorized Projects

<u>Project</u>	<u>Proposed FY 2017 Funding</u>
MSDE - State Library Resource Center - Renovation	26,410,000
MES - State Water and Sewer Infrastructure Improvement Fund	24,825,000
MHEC - Community College of Baltimore County – Hilton Mansion Rehabilitation	1,244,000
MHEC - Garrett College – STEM Building 200 Renovation and Addition	3,937,000
MHEC - Harford Community College – Edgewood Hall Renovation and Expansion	691,000
MHEC - Howard Community College – Science, Engineering, and Technology Building	10,314,000
MHEC - Montgomery College – Science and Applied Studies Building Renovation and Addition	9,361,000
MHEC - Prince George’s Community College – Lanham Hall Renovation and Addition	10,372,000
MHEC - Prince George’s Community College – Queen Anne Academic Center Renovation and Addition	9,286,000
MHEC - Wor-Wic Community College – Academic and Administrative Building and Maner Technology Center Renovation	3,053,000
DMIL - Havre de Grace Readiness Center	4,115,000
MSU - New Behavioral and Social Sciences Center	35,700,000
DPSCS - ECI High Temperature Hot Water System Improvements	1,945,000
DPSCS - BCDC - Youth Detention Center	3,647,000
UMB - Health Sciences Research Facility III	81,000,000
UMCP - Edward St. John Learning and Teaching Center	5,100,000
UMCP - A. James Clark Hall - New Bioengineering Building	62,455,000
UMCP - Brendan Iribe Center for Computer Science and Innovation	27,000,000
BSU - Natural Sciences Center	31,501,000
MISC - Angel's Watch Shelter	750,000
Total	253,213,000

Note: Six projects were pre-authorized for FY 2017 but are deferred or addressed through other fund sources in the CIP. They are:

- BPW - Saratoga State Center - Garage Improvements
- DMIL - Havre de Grace Combined Support Maintenance Shop
- DMIL - Easton Readiness Center
- DNR - Natural Resources Development Fund
- CSU - Percy Julian Science Renovation
- USMO - Biomedical Sciences and Engineering Education Facility at the Universities at Shady Grove

INTRODUCTION

The following table shows the proposed GO Bond pre-authorization levels for FY 2018 - FY 2020.

Projects with Planned Pre-Authorizations

<u>Project</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>
MSDE - State Library Resource Center - Renovation	30,528,000	3,512,000	
MES - State Water and Sewer Infrastructure Improvement Fund	6,767,000	702,000	
MHEC - Community College Construction Grant Program	45,817,000	13,492,000	10,500,000
DJS - New Female Detention Center	28,758,000	14,379,000	
DMIL - Havre de Grace CSMS Surface Equipment Maintenance Facility	1,645,000	1,000,000	
DMIL - Easton Readiness Center	4,403,000		
MSU - New Behavioral and Social Sciences Center	2,800,000		
DPSCS - Demolition of Buildings at the Baltimore City Correctional Complex	16,925,000		
BPW - Annapolis Post Office Renovation	4,200,000		
BPW - Judiciary - New Catonsville District Court	40,853,000		
UMB - Health Sciences Research Facility III	3,400,000		
UMCP - A. James Clark Hall - New Bioengineering Building	11,227,000	3,533,000	
UMCP - Brendan Iribe Center for Computer Science and Innovation	69,550,000		
UMCP - New Cole Field House	12,185,000	6,013,000	
UB - Langsdale Library Renovation	3,150,000		
Total	282,208,000	42,631,000	10,500,000

INTRODUCTION

Abbreviations used in this document include:

<u>Term</u>	<u>Abbreviation</u>
Property Acquisition	A
Americans with Disabilities Act	ADA
Construction, Renovation, or Demolition	C
Capital Improvement Program	CIP
Movable Equipment or Furniture	E
Federal Funds	FF
Fiscal Year	FY
General Funds	GF
General Obligation Bonds	GO Bonds
Gross Square Feet	GSF
Net Assignable Square Feet	NASF
Net Square Feet	NSF
Planning or Design	P
Revenue Bonds	RB
Special Funds	SF

**FISCAL YEAR 2017
SUMMARY OF CAPITAL BUDGET BY FUND SOURCE**

	General Obligation Bonds	General Funds	Special Funds	Federal Funds	Revenue Bonds	Totals
State-Owned	431,214	2,180	10,263	7,070	24,500	475,227
Non-State Owned	575,851	200	330,837	67,869	-	974,757
SUBTOTALS	1,007,065	2,380	341,099	74,939	24,500	1,449,983
Qualified Zone Academy Bonds*	(4,680)	-	-	-	-	(4,680)
SUBTOTALS	1,002,385	2,380	341,099	74,939	24,500	1,445,303
Deauthorizations	(8,622)	-	-	-	-	(8,622)
SUBTOTALS	993,763	2,380	341,099	74,939	24,500	1,436,681
Department of Transportation**	-	-	1,720,600	1,343,976	-	3,064,576
TOTALS	993,763	2,380	2,061,699	1,418,915	24,500	4,501,257

*Throughout the remainder of this document, Qualified Zone Academy Bonds (QZAB) are treated as General Obligation (GO) Bonds, because they represent a General Obligation of the State and are not tied to a particular revenue source.

**Included in the Department of Transportation funding are Special Funds for the Watershed Implementation Plan (WIP) for fiscal year 2017. The \$85 million in WIP funding is in addition to the Special and Federal Funds that are typically included in the Governor's transportation budget.

FISCAL YEAR 2017
SUMMARY OF CAPITAL BUDGET BY AGENCY
STATE-OWNED FACILITIES

	General Obligation Bonds	General Funds	Special Funds	Federal Funds	Revenue Bonds	Totals
Department of Agriculture	750	-	-	-	-	750
Baltimore City Community College	248	-	-	-	-	248
Maryland School for the Deaf	2,735	-	-	-	-	2,735
Department of Disabilities	750	-	-	-	-	750
Maryland Energy Administration	-	-	1,200	1,000	-	2,200
Maryland Environmental Service	24,825	-	-	-	-	24,825
Department of Information Technology	15,000	-	-	-	-	15,000
Department of Juvenile Services	15,168	-	-	-	-	15,168
Military Department	4,115	-	-	4,329	-	8,444
Morgan State University	35,700	-	-	-	-	35,700
Department of Natural Resources	-	-	9,063	-	-	9,063
Department of Planning	3,418	-	-	-	-	3,418
Maryland Public Broadcasting Commission	150	-	-	-	-	150
Department of Public Safety and Correctional Services	42,522	-	-	-	-	42,522
Board of Public Works	46,351	-	-	-	-	46,351
St. Mary's College of Maryland	2,700	-	-	1,741	-	4,441
University System of Maryland	236,782	-	-	-	24,500	261,282
Department of Veterans Affairs	-	2,180	-	-	-	2,180
SUBTOTALS	431,214	2,180	10,263	7,070	24,500	475,227
Deauthorizations	(6,454)	-	-	-	-	(6,454)
SUBTOTALS	424,760	2,180	10,263	7,070	24,500	468,773
Department of Transportation	-	-	1,720,600	1,343,976	-	3,064,576
TOTALS	424,760	2,180	1,730,863	1,351,046	24,500	3,533,349

FISCAL YEAR 2017
SUMMARY OF CAPITAL BUDGET BY AGENCY/PROGRAM
GRANTS AND LOANS

	General Obligation Bonds	General Funds	Special Funds	Federal Funds	Revenue Bonds	Totals
Department of Aging	1,680	-	-	-	-	1,680
Department of Agriculture	6,000	-	22,228	-	-	28,228
State Department of Education	31,410	-	-	-	-	31,410
Maryland Energy Administration	-	-	1,500	-	-	1,500
Department of the Environment	37,775	200	210,086	44,319	-	292,380
Department of Health and Mental Hygiene	7,258	-	-	-	-	7,258
Maryland Higher Education Commission	59,386	-	-	-	-	59,386
Department of Housing and Community Development	40,000	-	31,650	15,700	-	87,350
Department of Natural Resources	10,800	-	65,223	7,850	-	83,873
Department of Planning	1,150	-	150	-	-	1,300
Department of Public Safety and Correctional Services	2,891	-	-	-	-	2,891
Public School Construction Program	314,289	-	-	-	-	314,289
University of Maryland Medical System	9,250	-	-	-	-	9,250
Miscellaneous	53,962	-	-	-	-	53,962
SUBTOTALS	575,851	200	330,837	67,869	-	974,757
Deauthorizations	(2,168)	-	-	-	-	(2,168)
TOTALS	573,683	200	330,837	67,869	-	972,589

FISCAL YEAR 2017
SUMMARY OF CAPITAL BUDGET BY AGENCY/PROGRAM
STATE-OWNED FACILITIES AND GRANTS AND LOANS

	General Obligation Bonds	General Funds	Special Funds	Federal Funds	Revenue Bonds	Totals
Department of Aging	1,680	-	-	-	-	1,680
Department of Agriculture	6,750	-	22,228	-	-	28,978
Baltimore City Community College	248	-	-	-	-	248
Maryland School for the Deaf	2,735	-	-	-	-	2,735
Department of Disabilities	750	-	-	-	-	750
State Department of Education	31,410	-	-	-	-	31,410
Maryland Energy Administration	-	-	2,700	1,000	-	3,700
Department of the Environment	37,775	200	210,086	44,319	-	292,380
Maryland Environmental Service	24,825	-	-	-	-	24,825
Dept. of Health and Mental Hygiene	7,258	-	-	-	-	7,258
Maryland Higher Education Commission	59,386	-	-	-	-	59,386
Department of Housing and Community Development	40,000	-	31,650	15,700	-	87,350
Dept. of Information Technology	15,000	-	-	-	-	15,000
Department of Juvenile Services	15,168	-	-	-	-	15,168
Military Department	4,115	-	-	4,329	-	8,444
Morgan State University	35,700	-	-	-	-	35,700
Department of Natural Resources	10,800	-	74,286	7,850	-	92,936
Department of Planning	4,568	-	150	-	-	4,718
Maryland Public Broadcasting Commission	150	-	-	-	-	150
Department of Public Safety and Correctional Services	45,413	-	-	-	-	45,413
Public School Construction Prog.*	314,289	-	-	-	-	314,289
Board of Public Works	46,351	-	-	-	-	46,351
St. Mary's College of Maryland	2,700	-	-	1,741	-	4,441
University of Maryland Medical System	9,250	-	-	-	-	9,250
University System of Maryland	236,782	-	-	-	24,500	261,282
Department of Veterans Affairs	-	2,180	-	-	-	2,180
Miscellaneous	53,962	-	-	-	-	53,962
SUBTOTALS**	1,007,065	2,380	341,100	74,939	24,500	1,449,984
Deauthorizations	(8,622)	-	-	-	-	(8,622)
SUBTOTALS	998,443	2,380	341,100	74,939	24,500	1,441,362
Department of Transportation	-	-	1,720,600	1,343,976	-	3,064,576
TOTALS	998,443	2,380	2,061,700	1,418,915	24,500	4,505,938

* GO Bond amount includes Qualified Zone Academy Bonds

** Special Fund totals in various figures may not match due to rounding.

FISCAL YEARS 2017 - 2021
SUMMARY OF CAPITAL IMPROVEMENTS FOR STATE-OWNED FACILITIES

	Source of Funds	2017	2018	2019	2020	2021	Totals
Department of Agriculture	GO	750	8,464	7,937	-	-	17,151
Baltimore City Community College	GO	248	371	4,982	19,481	17,600	42,682
Maryland School for the Deaf	GO	2,735	-	113	1,578	709	5,135
Department of Disabilities	GO	750	1,600	1,600	1,600	1,600	7,150
Maryland Energy Administration	SF	1,200	1,200	1,200	1,200	1,200	6,000
	FF	1,000	-	-	-	-	1,000
Maryland Environmental Service	GO	24,825	18,105	13,702	16,046	13,360	86,038
Department of Health and Mental Hygiene	GO	-	637	1,866	10,154	25,110	37,767
Historic St. Mary's City Commission	GO	-	-	527	12,572	8,123	21,222
Department of Information Technology	GO	15,000	24,000	17,500	10,650	-	67,150
Department of Juvenile Services	GO	15,168	29,750	16,758	9,148	12,834	83,658
Military Department	GO	4,115	6,048	5,471	8,680	5,842	30,156
	FF	4,329	21,729	2,670	-	15,000	43,728
Morgan State University	GO	35,700	4,097	3,786	42,278	37,521	123,382
Department of Natural Resources	GO	-	1,985	-	-	-	1,985
	SF	9,063	14,070	17,898	13,000	13,000	67,031
Department of Planning	GO	3,418	-	2,930	3,261	2,518	12,127
Maryland Public Broadcasting Commission	GO	150	1,150	5,170	5,770	-	12,240
Department of Public Safety and Correctional Services	GO	42,522	65,382	200,974	159,642	70,582	539,102
Board of Public Works	GO	46,351	65,209	16,000	19,461	20,264	167,285
St. Mary's College of Maryland	GO	2,700	8,735	9,576	21,539	35,766	78,316
	FF	1,741	-	-	-	-	1,741
Department of State Police	GO	-	550	4,808	4,593	-	9,951
University System of Maryland	GO	236,782	161,204	172,918	190,380	222,545	983,829
	RB	24,500	32,000	24,000	34,000	32,000	146,500
Department of Veterans Affairs	GO	-	-	-	1,511	9,944	11,455
	GF	2,180	-	-	-	-	2,180
	FF	-	13,980	6,480	2,806	18,467	41,733
SUBTOTALS	GO	431,214	397,287	486,618	538,344	484,318	2,337,781
Deauthorizations		(6,454)	-	-	-	-	(6,454)
SUBTOTALS	GO	424,760	397,287	486,618	538,344	484,318	2,331,327
	GF	2,180	-	-	-	-	2,180
	SF	10,263	15,270	19,098	14,200	14,200	73,031
	FF	7,070	35,709	9,150	2,806	33,467	88,202
	RB	24,500	32,000	24,000	34,000	32,000	146,500
TOTALS		468,773	480,266	538,866	589,350	563,985	2,641,240
Department of Transportation	GF	-	100,000	100,000	-	-	200,000
	SF	1,720,600	1,802,275	1,509,019	1,370,869	1,327,423	7,730,186
	FF	1,343,976	1,179,255	951,148	833,411	851,574	5,159,364
GRAND TOTALS ALL FUNDS		3,533,349	3,561,796	3,099,033	2,793,630	2,742,982	15,730,790

FISCAL YEARS 2017 - 2021

SUMMARY OF CAPITAL IMPROVEMENTS FOR GRANT AND LOAN PROGRAMS

	Source of Funds	2017	2018	2019	2020	2021	Totals
Department of Aging	GO	1,680	1,600	1,600	1,600	1,600	8,080
Department of Agriculture	GO	6,000	6,000	6,000	6,000	6,000	30,000
	SF	22,228	27,658	41,568	42,944	44,260	178,658
State Department of Education	GO	31,410	37,028	9,512	5,000	5,000	87,950
Maryland Energy Administration	SF	1,500	1,500	1,500	1,500	1,500	7,500
Department of the Environment	GO	37,775	51,510	20,510	20,510	20,510	150,815
	GF	200	1,000	1,000	1,000	1,000	4,200
	SF	210,086	168,990	190,990	192,990	199,990	963,046
	FF	44,319	33,500	33,500	33,500	33,500	178,319
Department of Health and Mental Hygiene	GO	7,258	8,242	7,750	10,000	10,000	43,250
Maryland Higher Education Commission	GO	59,386	60,000	60,000	60,000	60,000	299,386
Department of Housing and Community Development	GO	40,000	40,700	39,800	40,000	38,500	199,000
	SF	31,650	33,050	32,950	34,100	35,300	167,050
	FF	15,700	15,700	15,700	15,700	15,700	78,500
Department of Natural Resources	GO	10,800	15,100	15,100	15,100	15,100	71,200
	SF	65,223	78,869	116,683	126,698	132,920	520,393
	FF	7,850	3,600	3,600	3,600	3,600	22,250
Department of Planning	GO	1,150	1,750	1,750	1,750	1,750	8,150
	SF	150	150	150	150	150	750
Department of Public Safety and Correctional Services	GO	2,891	4,547	2,500	2,500	2,500	14,938
Public School Construction Program*	GO	314,289	276,109	276,109	276,109	276,109	1,418,725
University of Maryland Medical System	GO	9,250	11,600	12,000	-	-	32,850
Miscellaneous	GO	53,962	83,000	55,500	18,000	18,000	228,462
SUBTOTALS	GO	575,851	597,186	508,131	456,569	455,069	2,592,806
Deauthorizations		(2,168)	-	-	-	-	(2,168)
SUBTOTALS	GO	573,683	597,186	508,131	456,569	455,069	2,590,638
	GF	200	1,000	1,000	1,000	1,000	4,200
	SF	330,837	310,217	383,841	398,382	414,120	1,837,397
	FF	67,869	52,800	52,800	52,800	52,800	279,069
TOTALS		972,589	961,203	945,772	908,751	922,989	4,711,304

* GO Bond amount includes Qualified Zone Academy Bonds

FISCAL YEARS 2017 - 2021
SUMMARY OF CAPITAL IMPROVEMENTS FOR STATE-OWNED
FACILITIES AND GRANT AND LOAN PROGRAMS

	Source of Funds	2017	2018	2019	2020	2021	Totals
Department of Aging	GO	1,680	1,600	1,600	1,600	1,600	8,080
Department of Agriculture	GO	6,750	14,464	13,937	6,000	6,000	47,151
	SF	22,228	27,658	41,568	42,944	44,260	178,658
Baltimore City Community College	GO	248	371	4,982	19,481	17,600	42,682
Maryland School for the Deaf	GO	2,735	-	113	1,578	709	5,135
Department of Disabilities	GO	750	1,600	1,600	1,600	1,600	7,150
State Department of Education	GO	31,410	37,028	9,512	5,000	5,000	87,950
Maryland Energy Administration	SF	2,700	2,700	2,700	2,700	2,700	13,500
	FF	1,000	-	-	-	-	1,000
Department of the Environment	GO	37,775	51,510	20,510	20,510	20,510	150,815
	GF	200	1,000	1,000	1,000	1,000	4,200
	SF	210,086	168,990	190,990	192,990	199,990	963,046
	FF	44,319	33,500	33,500	33,500	33,500	178,319
Maryland Environmental Service	GO	24,825	18,105	13,702	16,046	13,360	86,038
Department of Health and Mental Hygiene	GO	7,258	8,879	9,616	20,154	35,110	81,017
Maryland Higher Education Commission	GO	59,386	60,000	60,000	60,000	60,000	299,386
Historic St. Mary's City Commission	GO	-	-	527	12,572	8,123	21,222
Department of Housing and Community Development	GO	40,000	40,700	39,800	40,000	38,500	199,000
	SF	31,650	33,050	32,950	34,100	35,300	167,050
	FF	15,700	15,700	15,700	15,700	15,700	78,500
Department of Information Technology	GO	15,000	24,000	17,500	10,650	-	67,150
Department of Juvenile Services	GO	15,168	29,750	16,758	9,148	12,834	83,658
Military Department	GO	4,115	6,048	5,471	8,680	5,842	30,156
	FF	4,329	21,729	2,670	-	15,000	43,728
Morgan State University	GO	35,700	4,097	3,786	42,278	37,521	123,382
Department of Natural Resources	GO	10,800	17,085	15,100	15,100	15,100	73,185
	SF	74,286	92,939	134,581	139,698	145,920	587,424
	FF	7,850	3,600	3,600	3,600	3,600	22,250
Department of Planning	GO	4,568	1,750	4,680	5,011	4,268	20,277
	SF	150	150	150	150	150	750
Maryland Public Broadcasting Commission	GO	150	1,150	5,170	5,770	-	12,240
Department of Public Safety and Correctional Services	GO	45,413	69,929	203,474	162,142	73,082	554,040
Public School Construction Program*	GO	314,289	276,109	276,109	276,109	276,109	1,418,725
Board of Public Works	GO	46,351	65,209	16,000	19,461	20,264	167,285
St. Mary's College of Maryland	GO	2,700	8,735	9,576	21,539	35,766	78,316
	FF	1,741	-	-	-	-	1,741
Department of State Police	GO	-	550	4,808	4,593	-	9,951

University of Maryland Medical System	GO	9,250	11,600	12,000	-	-	32,850
University System of Maryland	GO	236,782	161,204	172,918	190,380	222,545	983,829
	RB	24,500	32,000	24,000	34,000	32,000	146,500
Department of Veterans Affairs	GO	-	-	-	1,511	9,944	11,455
	GF	2,180	-	-	-	-	2,180
	FF	-	13,980	6,480	2,806	18,467	41,733
Miscellaneous	GO	53,962	83,000	55,500	18,000	18,000	228,462
SUBTOTALS	GO	1,007,065	994,473	994,749	994,913	939,387	4,930,587
Deauthorizations		(8,622)	-	-	-	-	(8,622)
SUBTOTALS	GO	998,443	994,473	994,749	994,913	939,387	4,921,965
	GF	2,380	1,000	1,000	1,000	1,000	6,380
	SF	341,100	325,487	402,939	412,582	428,320	1,910,428
	FF	74,939	88,509	61,950	55,606	86,267	367,271
	RB	24,500	32,000	24,000	34,000	32,000	146,500
TOTALS		1,441,362	1,441,469	1,484,638	1,498,101	1,486,974	7,352,544
Department of Transportation	GF	-	100,000	100,000	-	-	200,000
	SF	1,720,600	1,802,275	1,509,019	1,370,869	1,327,423	7,730,186
	FF	1,343,976	1,179,255	951,148	833,411	851,574	5,159,364
GRAND TOTALS ALL FUNDS		4,505,938	4,522,999	4,044,805	3,702,381	3,665,971	20,442,094

* GO Bond amount includes Qualified Zone Academy Bonds

FISCAL YEAR 2017
SUMMARY OF DEAUTHORIZED FUNDS

Twenty-four (24) program and project authorizations have fund balances available which are no longer needed for their original purpose. These funds are recommended for deauthorization and the loans in which they were included are shown below.

<u>Bond Year and Project</u>	<u>Amount of</u> <u>Deauthorization</u>	<u>Rationale</u>
Maryland Consolidated Capital Bond Loan of 2007		
MSU - Campuswide Site Improvements	417,853	Phases 2-4 cancelled
Maryland Consolidated Capital Bond Loan of 2008		
UMMS - New Diagnostic and Treatment Facilities - Phase III	282,866	Project complete
MISC - ARC of Montgomery County Group Homes	125,000	Design complete
MISC - Community Post (House)	175,000	Project cancelled
MISC - Community Post (Senate)	125,000	Project cancelled
MISC - Heritage Trail and Saint Helena Park	175,000	Project cancelled
MISC - MacDonald Knolls Center (House)	250,000	Project cancelled
MISC - MacDonald Knolls Center (Senate)	175,000	Project cancelled
MHA - Union Hospital of Cecil County	110,000	Project cancelled
Maryland Consolidated Capital Bond Loan of 2009		
BCCC - Main Building Renovation – Liberty Campus	141,807	Funds not needed
BPW - Asbestos Abatement Program	300,702	Funds not needed
DHMH - Patient Safety Improvements	214,934	Project complete
Maryland Consolidated Capital Bond Loan of 2010		
BSU - New Fine and Performing Arts Building	100,799	Funds not needed
MSU - New Center for the Built Environment and Infrastructure Studies	250,000	Project complete
Maryland Consolidated Capital Bond Loan of 2011		
UMBC - New Performing Arts and Humanities Facility	1,000,000	Funds not needed
Maryland Consolidated Capital Bond Loan of 2012		
BPW - Schaefer Tower Fire Alarm	100,000	Funds not needed
DHMH - Secure Evaluation and Therapeutic Treatment Center (SETT)	2,150,000	Funds not needed because scope is being re-evaluated
DLLR - 1100 Eutaw Street Elevators	100,000	Funds not needed
UMBC - New Performing Arts and Humanities Facility	1,000,000	Funds not needed
Maryland Consolidated Capital Bond Loan of 2013		
MSU - Soper Library Demolition	128,238	Project complete

<u>Bond Year and Project</u>	<u>Amount of Deauthorization</u>	<u>Rationale</u>
Maryland Consolidated Capital Bond Loan of 2014		
BPW - State House Complex Security Upgrades	250,000	Ineligible for capital funds
DJS - Lower Shore Treatment Center	300,000	Project cancelled
MHA - Meritus Medical Center	500,000	Project cancelled
Maryland Consolidated Capital Bond Loan of 2015		
MISC - Sports Legends Museum	250,000	Project cancelled
<hr/>		
TOTAL	8,622,199	
<hr/>		

FISCAL YEARS 2017 - 2021
OPERATING BUDGET IMPACTS OF CONSTRUCTION PROJECTS AT
STATE-OWNED FACILITIES

The cost of capital projects is not limited to the expenditure(s) associated with construction. The operation of the facility represents an ongoing cost to State government. The following charts summarize the estimated net operating budget impacts of State facilities included in the fiscal year 2017 capital budget. This includes budget impacts regardless of funding source. These impacts are detailed for fiscal years 2017 through 2021.

The charts only include projects that will receive design and/or construction funding in fiscal year 2017. Generally, grant and loan programs are excluded because the ongoing activity does not have a direct measurable net effect on the State's operating budget or personnel. Also excluded are auxilliary projects at State colleges and universities, except those supported with State funds.

Project	2017	2018	2019	2020	2021
Department of Agriculture					
Salisbury Animal Health Laboratory Replacement	-	-	-	58	237
Subtotal.....	-	-	-	58	237
Baltimore City Community College					
Liberty Campus: Loop Road, Inner Loop and Entrance Improvements	-	-	-	9	9
Subtotal.....	-	-	-	9	9
Environmental Service					
Camp Fretterd - Water Treatment Plant, Wastewater Treatment Plant, and Water Distribution System Upgrades	-	(43)	(52)	(52)	(52)
Cheltenham Youth Center - Wastewater Treatment Plant	-	-	-	13	3
Cunningham Falls State Park – Water Treatment Plant	-	*	2	2	2
Eastern Correctional Institution - Wastewater Treatment Plant Upgrade	-	-	-	(10)	(10)
Eastern Pre-Release - Wastewater Treatment Plant	-	-	-	4	5
Maryland Correctional Institution - Hagerstown - Wastewater Treatment Plant Upgrade	*	6	6	6	6
Southern Pre-Release Unit - Wastewater Treatment Plant Improvements	-	1	1	1	1
Victor Cullen Wastewater Treatment Plant Upgrades	-	-	*	1	1
Western Correctional Institution - Wastewater Pump Station Improvements	*	(1)	(1)	(1)	(1)
Woodstock - Wastewater Treatment Plant Upgrades	-	-	-	*	1
Subtotal.....	-	(37)	(44)	(37)	(45)
Department of Information Technology					
Public Safety Communications System	14,754	8,018	6,925	11,343	13,373
Subtotal.....	14,754	8,018	6,925	11,343	13,373
Department of Juvenile Services					
New Female Detention Center	-	-	1,277	2,410	2,128
Subtotal.....	-	-	1,277	2,410	2,128
Military Department					
Freedom Readiness Center	-	-	-	1,643	168
Havre de Grace Readiness Center	-	1,202	34	34	34
Subtotal.....	-	1,202	34	1,677	203

Project	2017	2018	2019	2020	2021
Morgan State University					
New Behavioral and Social Sciences Center	-	1,687	2,832	2,883	2,936
Subtotal.....	-	1,687	2,832	2,883	2,936
Department of Natural Resources					
Albert Powell Fish Hatchery Upgrades	-	-	-	68	74
Fair Hill Natural Resources Management Area - Campground Improvements	-	-	-	19	21
Patapsco Valley State Park Trail Bridge	-	7	14	14	14
Point Lookout State Park Charge Collection Station	-	6	7	7	7
Southern Maryland Multi-Purpose Center	-	-	-	-	12
Wellington Wildlife Management Area Building Renovation	13	9	9	9	9
Subtotal.....	13	22	29	117	138
Department of Planning					
Patterson Center Renovations	-	252	278	540	425
St. Leonard's Creek Shoreline Erosion Control and Public Access	-	5	8	8	8
Subtotal.....	-	257	286	548	433
Department of Public Safety and Correctional Services					
BCDC - Youth Detention Center	607	443	443	443	444
ECI High Temperature Hot Water System Improvements	156	13	-	-	-
New Baltimore Justice Center	-	-	-	-	+
Housing Unit Windows and Heating Systems Replacement	-	-	104	156	52
Maryland Correctional Institute - Hagerstown - Perimeter Security Upgrade	-	143	312	156	-
Subtotal.....	763	600	860	756	496
Board of Public Works					
Annapolis Post Office Renovation	-	-	163	165	170
New Catonsville District Court	-	-	1,032	1,015	1,050
Subtotal.....	-	-	1,195	1,180	1,221
St. Mary's College of Maryland					
New Academic Building and Auditorium	-	-	-	148	28
Subtotal.....	-	-	-	148	28
University System of Maryland					
UMB - Health Sciences Research Facility III	-	4,540	9,613	9,760	9,912
BSU - Natural Sciences Center	-	967	1,939	1,975	2,011
TU - New Science Facility	-	-	-	736	3,832
UMBC - Interdisciplinary Life Sciences Building	-	-	-	686	3,006
UMCP - A. James Clark Hall - Bioengineering Building	398	2,110	4,673	4,735	4,800
UMCP - Brendan Iribe Center for Computer Science and Innovation	-	668	2,493	4,455	4,532
UMCP - Edward St. John Learning and Teaching Center	1,311	2,802	2,855	2,910	2,967
UMCP- New Cole Field House	-	-	3,103	5,612	5,715
UB - Langsdale Library Renovation	-	14	340	340	339

Project	2017	2018	2019	2020	2021
USMO - Southern Maryland Regional Higher Education Center	-	-	-	-	773
Subtotal.....	1,710	11,102	25,016	31,208	37,888
Department of Veterans Affairs					
Cheltenham Veterans Cemetery Burial Expansion and Improvements	-	-	-	6	10
Garrison Forest Veterans Cemetery Expansion Phase V	-	-	-	-	2
Subtotal.....	-	-	-	6	11
GRAND TOTAL	17,239	22,850	38,409	52,305	59,055

*Operating impacts that are less than 500 and more than -500 are shown as *.

+Scope not fully developed, thus operating impacts cannot be accurately calculated. DPSCS expects the project to yield a net savings.



**FISCAL YEARS 2017 - 2021
PERSONNEL IMPACTS OF CONSTRUCTION PROJECTS AT
STATE-OWNED FACILITIES**

Project	2017	2018	2019	2020	2021
Department of Juvenile Services					
New Female Detention Center	-	-	34	34	34
Subtotal.....	-	-	34	34	34
Military Department					
Freedom Readiness Center	-	-	-	1	1
Subtotal.....	-	-	-	1	1
Morgan State University					
New Behavioral and Social Sciences Center	-	4	4	4	4
Subtotal.....	-	4	4	4	4
Department of Planning					
Patterson Center Renovations	-	2	2	4	4
Subtotal.....	-	2	2	4	4
Board of Public Works					
Annapolis Post Office Renovation	-	-	1	1	1
New Catonsville District Court	-	-	4	4	4
Subtotal.....	-	-	5	5	5
University System of Maryland					
UMB - Health Sciences Research Facility III	-	10	11	11	11
BSU - Natural Sciences Center	-	2	3	3	3
TU- New Science Facility	-	-	-	1	8
UMBC - Interdisciplinary Life Sciences Building	-	-	-	1	3
UMCP - A. James Clark Hall - Bioengineering Building	1	5	5	5	5
UMCP - Brendan Iribe Center for Computer Science and Innovation	-	1	5	5	5
UMCP - Edward St. John Learning and Teaching Center	3	4	4	4	4
UMCP- New Cole Field House	-	-	7	7	7
USMO - Southern Maryland Regional Higher Education Center	-	-	-	-	2
Subtotal.....	4	22	35	37	48
GRAND TOTAL	4	28	79	85	96

FISCAL YEARS 2017 - 2021
SUMMARY OF CAPITAL PROJECTS POSSIBLY SUBJECT TO
FEDERAL RESTRICTIONS ON THE USE OF TAX-EXEMPT FINANCING

The Internal Revenue Code limits the use of tax-exempt bonds for “private business use” by non-governmental persons to no more than five percent (5%) of the tax-exempt bonds of any issue, to a maximum of \$15 million per issue. This limit applies to the State’s general obligation bonds, as well as to tax-exempt bonds issued by State-controlled agencies. Two conditions must be satisfied for a project to be subject to the limitation. There must be private business use and private payment. Private business use is use of a tax-exempt financed facility by any entity or person other than State-controlled agencies or local governments, or on a different basis than members of the general public. Examples of private business use include the rental of space in a tax-exempt financed building and the operation of a bookstore or dining facility by a private company. Research sponsored by private companies can sometimes constitute private business use. The structure of operating or research agreements is also used to determine private business use. Private payment is payment for the privately used portion of a facility above the costs of operating and maintaining that portion of the facility. Also, taking an equity position in a tenant company could lead to a private payment. An example of private payment would be for a tenant in a tax-exempt financed building to pay enough rent to cover not only maintenance but also some of the debt service. The Internal Revenue Code also limits the use of tax-exempt bonds for financing private loans to non-governmental persons to no more than five percent (5%) of the tax-exempt bonds of any issue, to a maximum of \$5 million per issue. The most commonly used term for the portion of bond issues that can be used for private business use and private loans is private activity.

The FY 2017 capital budget includes 16 programs and projects that may meet the conditions described above. Their GO Bond funding and possible private activity amounts are shown below. In some cases, the private activity dollars total exceeds the sum of five fiscal years due to prior-year amounts. In order to be conservative, the table assumes 100% of the bond funds for these programs will be used for private activity. The bottom line of the table shows the percentage of total GO Bonds in each year (assuming two approximately equal GO Bond issues per year) that could go to private activity.

FISCAL YEARS 2017 - 2021
SUMMARY OF CAPITAL PROJECTS POSSIBLY SUBJECT TO
FEDERAL RESTRICTIONS ON THE USE OF TAX-EXEMPT FINANCING

Project	Total Cost*	GO Bonds	Private		Private Dollars By Fiscal Year				
			%	\$	2017	2018	2019	2020	2021
Private Business Use									
Morgan State University									
New Behavioral and Social Sciences Center	79,404	79,204	≤2%	1,584	714	56	-	-	-
University System of Maryland									
UB - Langsdale Library Renovation	23,602	16,602	≤14%	2,324	1,302	494	-	-	-
UMCP - New Cole Field House	155,000	25,000	≤1%	250	30	122	78	-	-
UMCP - Brendan Iribe Center for Computer Science and Innovation	142,550	94,550	≤5%	4,728	1,350	3,378	-	-	-
USMO - Southern Maryland Higher Education Center	81,961	80,961	≤6%	4,858	184	-	2,166	2,316	-
Total Possible Private Dollars	482,517	296,317	≤30%	88,895	3,580	4,049	2,244	2,316	-
Total GO Bonds				97,781	995,000	995,000	995,000	995,000	995,000
Total as % of GO Bonds					0.4%	0.4%	0.2%	0.2%	0.0%

(\$ in Thousands)

*Total Cost includes all fund sources

FISCAL YEARS 2017 - 2021
SUMMARY OF CAPITAL PROJECTS POSSIBLY SUBJECT TO
FEDERAL RESTRICTIONS ON THE USE OF TAX-EXEMPT FINANCING

Project	Total Cost*	GO Bonds	Private %	Private Dollars By Fiscal Year				
				2017	2018	2019	2020	2021
Private Loans								
Department of Housing and Community Development								
Community Legacy Program	30,000	30,000	≤10%	600	600	600	600	600
Homeownership Programs	50,400	42,500	≤100%	8,500	8,500	8,500	8,500	8,500
Rental Housing Programs	148,500	50,000	≤100%	10,000	10,000	10,000	10,000	10,000
Neighborhood Business Development	26,200	15,300	≤100%	3,400	3,100	2,800	3,000	3,000
Partnership Rental Housing Program	30,500	30,000	≤100%	6,000	6,000	6,000	6,000	6,000
Special Loan Programs	42,500	17,200	≤100%	2,100	4,600	4,000	4,000	2,500
Housing and Building Energy Programs	49,750	5,000	≤100%	1,000	1,000	1,000	1,000	1,000
Baltimore Regional Neighborhoods Demonstration Initiative	1,500	1,500	≤100%	1,500	-	-	-	-
Department of the Environment								
Maryland Water Quality Revolving Loan Fund	650,000	26,392	≤100%	6,792	4,900	4,900	4,900	4,900
Maryland Drinking Water Revolving Loan Fund	140,000	13,443	≤100%	3,003	2,610	2,610	2,610	2,610
Department of Planning								
Maryland Historical Trust - Revolving Loan Trust Fund	1,500	750	≤100%	150	150	150	150	150
Total Possible Private Dollars		205,085		43,045	41,460	40,560	40,760	39,260
Total GO Bonds		995,000		995,000	995,000	995,000	995,000	995,000
Total as % of GO Bonds				4.3%	4.2%	4.1%	4.1%	3.9%

(\$ in Thousands)

*Total Cost includes all fund sources

DEPARTMENT OF AGING

SUMMARY

The Department of Aging coordinates State and local services for seniors. These services promote independence and choice, which enable people to age with dignity. Services include: meals and nutrition; housing assistance; medical and long-term care assistance; employment assistance; and educational and recreational programming. The Department's Capital Improvement Program focuses on assisting local governments to construct and renovate senior centers. There are 112 senior centers in Maryland. Through the Senior Center Capital Grant Program, the Department provides grants for up to 50% of the total cost of these projects, not to exceed \$800,000 in State funding. Senior centers facilitate the coordinated delivery of services to support seniors, through health screenings, congregate meals, and educational and recreational programs. From FY 2003 to FY 2016, the Maryland Department of Aging provided funds to assist in the construction or renovation of 28 senior center projects across the State.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 - FY 2020

None

DEPARTMENT OF AGING

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

DEPARTMENT OF AGING

Budget Code: DA07

Senior Center Capital Grant Program (Statewide) FY 2017 Total **\$1,680**

The Senior Center Capital Grant Program provides financial assistance to local governments for the acquisition, design, construction, renovation, and equipping of senior centers. The 112 current centers provide programs and services to support older adults with information, assistance, health screenings, congregate meals, continuing education, and recreational programs. This Grant Program will promote healthy aging and encourage the empowerment of seniors in a local setting. The State may provide a grant up to 50% of the project cost, not to exceed \$800,000. Local governments are required to secure matching funds on a dollar-for-dollar basis against State dollars. The FY 2017 budget includes funding for two senior centers in two jurisdictions.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,680	1,600	1,600	1,600	1,600	8,080
TOTAL	1,680	1,600	1,600	1,600	1,600	8,080

Senior Center Capital Grant Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Baltimore City	Harford Road Senior Center	1,035	-	500 C	-	48%
Howard	Elkridge 50+ Center	7,220	-	580 C	-	8%
Statewide	Cash Flow Adjustment	600	-	600	-	100%
TOTAL		8,855	-	1,680	-	

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,680	1,600	1,600	1,600	1,600	8,080
TOTAL	1,680	1,600	1,600	1,600	1,600	8,080

Total Program - Department of Aging

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,680	1,600	1,600	1,600	1,600	8,080

DEPARTMENT OF AGRICULTURE

SUMMARY

The Department of Agriculture promotes the economic well-being of farmers, as well as businesses engaged in agricultural related operations, and protects consumers and the environment. In pursuit of these activities, the Department is organized into four main offices: Office of the Secretary; Marketing, Animal Industries, and Consumer Services; Plant Industries and Pest Management; and Resource Conservation.

The FY 2017 - FY 2021 Capital Improvement Program provides funds for one State facility and three programs which help farmers preserve Maryland's farmland and reduce nutrient runoff. These programs are the Agricultural Land Preservation Program, the Tobacco Transition Program, and the Maryland Agricultural Cost-Share Program.

A new facility will be constructed to replace the current deteriorating 60-year old Salisbury Animal Health Laboratory. This project is critical so that the animal industry, food safety, and public health of Maryland may remain secure and accredited within international standards and protocol. The existing facility is in dire need of replacement.

The Agricultural Land Preservation Program preserves productive agricultural land, limits the extent and impact of suburban development, and protects the rural character of Maryland's landscape. Through the end of FY 2015, the program has permanently preserved 296,682 acres of agricultural land. The FY 2017 - FY 2021 Capital Improvement Program provides funding to preserve an estimated 36,800 additional acres of farmland.

The Tobacco Transition Program provides funds to farmers who transition from growing tobacco to other crops. Since the beginning of the Tobacco Transition Program, 92% of the 1998 eligible tobacco has been taken out of production as 83% of growers have taken Maryland's Tobacco Buyout. This represents 7.65 million pounds of tobacco. The program now purchases easements to retain land in non-tobacco agricultural use. Funding of this program will not be continued beyond FY 2018.

The Maryland Agricultural Cost-Share Program was created in 1983 as a result of an agreement among the Chesapeake Bay States (Maryland, Virginia, Pennsylvania, and the District of Columbia), the U.S. Environmental Protection Agency, and the Chesapeake Bay Commission to reduce the amount of nutrients (nitrogen and phosphorus) entering the Chesapeake Bay. Agricultural activities in Maryland account for a significant portion of the nitrogen and phosphorus entering the Chesapeake Bay. The Maryland Agricultural Cost-Share Program provides financial incentives to farmers to implement best management practices which reduce nutrient runoff from Maryland's farmland.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

Salisbury Animal Health Laboratory (P): Funding has been added to FY 2017 to begin the design of a new animal health lab in Salisbury. The project is needed to assure continuity of services and for public health purposes.

Deletions:

None

Changes to FY 2018 - FY 2020

None

DEPARTMENT OF AGRICULTURE

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

MARKETING, ANIMAL INDUSTRIES & CONSUMER SERVICES

Budget Code: LA1205

Salisbury Animal Health Laboratory Replacement (Wicomico) FY 2017 Total **\$750**

Construct a new animal health lab in Salisbury to replace the existing laboratory at 27722 Nanticoke Road. The existing laboratory in Salisbury was built more than 60 years ago. The current facility in Salisbury is in poor condition and will not be able to keep pace with the demands of an increasingly more complex and integrated global market. The Salisbury Animal Health Lab (SAHL) conducts routine tests that protect the safety of the food supply as well as the state's overall economy, especially its poultry and livestock industries. In cases of animal health emergencies, including disease outbreaks and natural disasters, the lab provides critical diagnostic and investigatory services that identify and contain various threats. This new laboratory will be constructed next to the current facility in Wicomico County on State-owned property in order to meet modern biosafety and accreditation requirements for laboratories and to provide an efficient space for staff with the ability to accommodate growth. The existing laboratory building will be demolished after the new lab is completed. The FY 2017 budget includes funding to design this project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	750	8,464	7,937	-	-	17,151
TOTAL	-	750	8,464	7,937	-	-	17,151

Use

Planning	-	750	626	-	-	-	1,376
Construction	-	-	7,638	7,637	-	-	15,275
Equipment	-	-	200	300	-	-	500

Subtotals for Marketing, Animal Industries & Consumer Services

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	750	8,464	7,937	-	-	17,151
TOTAL	750	8,464	7,937	-	-	17,151

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	750	8,464	7,937	-	-	17,151
TOTAL	750	8,464	7,937	-	-	17,151

DEPARTMENT OF AGRICULTURE

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

OFFICE OF THE SECRETARY

Budget Code: LA1111

Agricultural Land Preservation Program (Statewide) FY 2017 Total \$21,228

This program preserves productive agricultural land and woodland, limits the extent and impact of urban sprawl development, and protects agricultural land and woodland as open space through the purchase of perpetual preservation easements. Special funds reflect the State property transfer tax and local matching funds. The FY 2017 budget will provide funding to preserve an estimated 5,200 additional acres using special funds.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	21,228	26,658	41,568	42,944	44,260	176,658
TOTAL	21,228	26,658	41,568	42,944	44,260	176,658

Subtotals for Office of the Secretary

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	21,228	26,658	41,568	42,944	44,260	176,658
TOTAL	21,228	26,658	41,568	42,944	44,260	176,658

MARKETING, ANIMAL INDUSTRIES & CONSUMER SERVICES

Budget Code: LA1213

Tobacco Transition Program (Regional) FY 2017 Total \$1,000

This program assists farmers with the transition from growing tobacco to alternative crops and starting natural resource-based enterprises. The Department of Agriculture works with the Tri-County Council of Southern Maryland, through the Southern Maryland Agricultural Development Commission, to operate the program and disburse the funds. The Tobacco Transition Program has two capital components: the Tobacco Buyout component, under which eligible tobacco growers received funds for ten years to stop growing tobacco; and the Agricultural Land Preservation component, which matches funds from local governments and/or the State's Agricultural Land Preservation Program for the purchase of land preservation easements. The FY 2017 budget will provide funds to increase the total number of cumulative acres preserved to 37,000 (325 farms).

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	1,000	1,000	-	-	-	2,000
TOTAL	1,000	1,000	-	-	-	2,000

Subtotals for Marketing, Animal Industries & Consumer Services

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	1,000	1,000	-	-	-	2,000
TOTAL	1,000	1,000	-	-	-	2,000

DEPARTMENT OF AGRICULTURE

OFFICE OF RESOURCE CONSERVATION

Budget Code: LA1505

Maryland Agricultural Cost-Share Program (Statewide) FY 2017 Total **\$6,000**

This program provides grants to Maryland's farmers for installing one or more of over 30 nationally recognized best management practices (BMPs) that reduce soil erosion and nutrient runoff from farmland. The Maryland Agricultural Cost-Share Program (MACS) requires a minimum 12.5% cost-share match from grantees. In addition, State financial assistance for most BMPs is limited to \$50,000 per project or \$150,000 per farm. These limits increase to \$200,000 per project and \$300,000 per farm when proposed BMPs include animal waste storage facilities. Proposed projects will improve water quality and must meet MACS eligibility and cost-effectiveness requirements. Projects funded in FY 2017 will be determined based on applications received by MDA.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	6,000	6,000	6,000	6,000	6,000	30,000
TOTAL	6,000	6,000	6,000	6,000	6,000	30,000

Subtotals for Office of Resource Conservation

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	6,000	6,000	6,000	6,000	6,000	30,000
TOTAL	6,000	6,000	6,000	6,000	6,000	30,000

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	6,000	6,000	6,000	6,000	6,000	30,000
Special Funds	22,228	27,658	41,568	42,944	44,260	178,658
TOTAL	28,228	33,658	47,568	48,944	50,260	208,658

Total Program - Department of Agriculture

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	6,750	14,464	13,937	6,000	6,000	47,151
Special Funds	22,228	27,658	41,568	42,944	44,260	178,658
TOTAL	28,978	42,122	55,505	48,944	50,260	225,809

BALTIMORE CITY COMMUNITY COLLEGE

SUMMARY

Baltimore City Community College is Maryland's only State-operated community college. It offers day, evening, and weekend courses at satellite locations around Baltimore City, as well as at its primary location at the Liberty Campus in northwest Baltimore. The College's mission is to provide: high-quality transfer, technical, and career programs; continuing education and developmental education courses; and community service programs that are both accessible and affordable. These programs enable students to continue their education at upper division educational institutions and/or obtain the necessary skills for career success based on community needs and workplace requirements.

The College's FY 2017 - FY 2021 Capital Improvement Program focuses on the demolition of the Bard Library to be replaced by a new Library Learning Resource Center and construction of a loop road and other entrance improvements on the Liberty Campus. The Bard Library is in need of replacement due to its inadequate HVAC and electrical systems as well as lack of adequate study and computer resource space. The Liberty Campus roadway dead-ends which causes bottle necks and limited access. Because of this, the College needs to remove the dead end and create a "loop road" to allow traffic to flow. The Loop Road project will facilitate better entrance and exit of the Campus by emergency vehicles as well as faculty, staff, students, and visitors.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Loop Road, Inner Loop and Entrance - Liberty Campus (P): Funding for this project has been spread out. Design is scheduled to begin in FY 2017 and continue through FY 2018. Design and construction have been spread over four fiscal years.

Changes to FY 2018 - FY 2020

Library Learning Resource Center - Liberty Campus: In order to allow BCCC to fully study the requirements of a 21st century library building, the start of the Liberty Campus Library Learning Resource Center was deferred from FY 2018 to FY 2019.

BALTIMORE CITY COMMUNITY COLLEGE

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

BALTIMORE CITY COMMUNITY COLLEGE

Budget Code: RC00

Liberty Campus: Loop Road, Inner Loop and Entrance Improvements (Baltimore City) **FY 2017 Total \$248**

Construct improvements and expand the campus roadway and parking lots to provide a variety of safety, infrastructure, and site improvements at the Liberty Campus. The project will increase the functional capacity of vehicular roadways, improve vehicular and pedestrian circulation and safety, upgrade underground utility and infrastructure systems, provide access to future building sites, and facilitate better entrance and exit of the campus by emergency vehicles. The FY 2017 budget includes funds to begin the design of this project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	248	371	2,932	2,931	-	6,482
TOTAL	-	248	371	2,932	2,931	-	6,482
<u>Use</u>							
Planning	-	248	371	-	-	-	619
Construction	-	-	-	2,932	2,931	-	5,863

BALTIMORE CITY COMMUNITY COLLEGE

Liberty Campus: Library Learning Resource Center (Baltimore City)

Demolish the existing Bard Library building on BCCC's Liberty Campus and construct a new Library Learning Resource Center (LLRC). The project will include the removal of all foundations and any abandoned utilities. The new LLRC is expected to be a two to three story structure located at the site of the existing Bard Library building. Given the requirements for a modern learning resource center and the constraints of the building's design, the existing library cannot be economically renovated to meet the needs of the College. The difference in cost to renovate versus the cost of new construction is negligible due to the age of the structure and the high cost of environmental remediation. Built in 1965, the existing library does not meet current code spatial requirements, lacks sufficient student study spaces, has inadequate computer resources, and does not comply with ADA requirements. Additionally, the building systems have exceeded their lifespan expectancy. The new building will integrate and centralize all students' learning and research space and house the core elements of student services.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	2,050	16,550	17,600	36,200
TOTAL	-	-	-	2,050	16,550	17,600	36,200
<u>Use</u>							
Planning	-	-	-	2,050	700	-	2,750
Construction	-	-	-	-	15,100	15,100	30,200
Equipment	-	-	-	-	750	2,500	3,250

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	248	371	4,982	19,481	17,600	42,682
TOTAL	248	371	4,982	19,481	17,600	42,682

Total Program - Baltimore City Community College

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	248	371	4,982	19,481	17,600	42,682

MARYLAND SCHOOL FOR THE DEAF

SUMMARY

The Maryland School for the Deaf (MSD) provides educational and developmental services to deaf and hearing-impaired children in Maryland. The School for the Deaf has two campuses: the Frederick Campus and the Columbia Campus. The Frederick Campus is located on the original site where MSD was founded in 1867. The Frederick Campus serves children from birth through 21 years of age. While most students commute, approximately 30% reside on the campus. Most of the buildings at the Frederick Campus were constructed between 1954 and 1974. MSD offers elementary, middle, and high school programs at Frederick. The Columbia Campus serves children from birth through 16 years of age, approximately 25% of whom reside on the campus. The campus consists of three buildings which were constructed between 1973 and 1982. MSD offers elementary and middle school programs at the Columbia Campus. The projects included in the five-year Capital Improvement Program are needed to meet modern standards for a residential school and to address building and fire codes, life-safety issues, and educational needs that exist on the Frederick Campus.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 – FY 2020

None

MARYLAND SCHOOL FOR THE DEAF

FY 2017 - FY 2021 Capital Improvement Program State-Owned Facilities

MARYLAND SCHOOL FOR THE DEAF
Budget Code: RE01

Water Main Replacement Project - Frederick Campus (Frederick) FY 2017 Total \$2,735

Replace the existing water supply system, including the water main supply line, valves, and fire hydrants, on the Main Campus, the Veditz Building, and the Benson Gymnasium at the Frederick Campus. The current water main supply line is deteriorating and has experienced breaks which lower water pressure and lead to costly repairs. In addition, the current water main does not meet fire code because it does not provide adequate water pressure for fire sprinkler systems. This project will construct a replacement system that will have sufficient water pressure to meet fire codes and future demand. The FY 2017 budget includes funds to complete construction.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	300	2,735	-	-	-	-	3,035
TOTAL	300	2,735	-	-	-	-	3,035
<u>Use</u>							
Planning	300	50	-	-	-	-	350
Construction	-	2,685	-	-	-	-	2,685

Veditz Building Renovation (Frederick)

Renovate the upper level of the Veditz Building to provide space for the Middle School and Career Technology Education (CTE) program. The building was originally constructed in 1975 to provide vocational training which included the utilization of printing presses. The configuration, lighting, and acoustics of the existing space are not compatible with the requirements of the instructional programs. The renovation will redesign this space into Middle School classrooms and computer labs for the CTE program. The lower level is currently meeting programmatic needs of the school and is not included in the scope of the project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	113	1,578	-	1,691
TOTAL	-	-	-	113	1,578	-	1,691
<u>Use</u>							
Planning	-	-	-	113	25	-	138
Construction	-	-	-	-	1,553	-	1,553

MARYLAND SCHOOL FOR THE DEAF

High School Boys' and Girls' and Middle School Residences (Frederick)

Construct a new high school boys' residence and student center, high school girls' residence and satellite health center, and middle school residence and central offices at the Maryland School for the Deaf in Frederick, MD. The high school boys' residence will house male students from 14 to 21 years of age. The building will also include a student center for middle and high school students to socialize after school and in the evenings. The high school girls' residence will house female students from 14 to 21 years of age. The building will also include a satellite health center for students who may become ill in the evenings or through the night. The middle school residence will house both girls and boys under 14 and will include proper physical segregation. This building will include offices for central residential administrative staff. New residences are required to address Americans with Disabilities Act and fire code deficiencies, allow for proper student supervision, and to provide a more home-like environment for students. The estimated cost of this project totals \$23,270,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	-	-	709	709
TOTAL	-	-	-	-	-	709	709
<u>Use</u>							
Planning	-	-	-	-	-	709	709

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,735	-	113	1,578	709	5,135
TOTAL	2,735	-	113	1,578	709	5,135

Total Program - Maryland School for the Deaf

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,735	-	113	1,578	709	5,135

DEPARTMENT OF DISABILITIES

SUMMARY

The Maryland Department of Disabilities was created in response to the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 (ADA). These acts require that all programs, activities, services, and employment opportunities offered to the general public also be accessible to individuals with disabilities. The Access Maryland program addresses this requirement. This program provides for accessibility modifications to eliminate architectural barriers in State-owned facilities. Accessibility modifications include signage, visual fire alarms, chairlifts, elevators, ramps, curb cuts, automatic door openers, and accessible rest rooms, including necessary fixtures and accessories.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 - FY 2020

None

DEPARTMENT OF DISABILITIES

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

DEPARTMENT OF DISABILITIES

Budget Code: DA0201

Accessibility Modifications (Statewide) FY 2017 Total **\$750**

Provide funds to eliminate architectural barriers in State-owned facilities and provide programmatic access for persons with disabilities. This will permit the State to comply with the Americans with Disabilities Act of 1990, which mandates that access be provided for all State services. These renovations are a long-term effort and will require funding beyond fiscal year 2021. The FY 2017 Access Maryland program includes funds for eight projects: Four of the projects are at campuses of the University System of Maryland; two are in Department of Public Safety and Correctional Services' facilities; and one each is at St. Mary's College of Maryland and the Department of Natural Resources.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	750	1,600	1,600	1,600	1,600	7,150
TOTAL	750	1,600	1,600	1,600	1,600	7,150

Accessibility Modifications Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Anne Arundel	Public Safety and Correctional Services - Maryland Correctional Institution - Jessup	42	-	42 PC	-	100%
Baltimore Co.	University of Maryland Baltimore County - Interior Access Route Campus Core	93	-	93 PC	-	100%
Carroll	Public Safety and Correctional Services - Central Maryland Correctional Facility	500	60 P	440 C	-	100%
Queen Anne's	Natural Resources - Unicorn Fish Hatchery and Lake Site	87	-	87 PC	-	100%
Somerset	University of Maryland Eastern Shore - Student Services Center	50	-	50 PC	-	100%
St. Mary's	St. Mary's College of Maryland - Ethel Chance Health and Counseling Center	40	-	40 PC	-	100%
Wicomico	Salisbury University - Holloway Hall Main Wing Elevator	350	-	350 PC	-	100%

DEPARTMENT OF DISABILITIES

Wicomico	Salisbury University - Holloway Hall North Entrance Ramp	72	-	72 PC	-	100%
Statewide	Carryover funds from prior years	(314)	-	(314)	-	100%
Statewide	Cashflow Adjustment	(23)	-	(110)	-	487%
TOTAL		<u>897</u>	<u>60</u>	<u>750</u>	<u>-</u>	

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	750	1,600	1,600	1,600	1,600	7,150
TOTAL	750	1,600	1,600	1,600	1,600	7,150

Total Program - Department of Disabilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	750	1,600	1,600	1,600	1,600	7,150

STATE DEPARTMENT OF EDUCATION

SUMMARY

The Maryland State Department of Education (MSDE) supports the development and operation of educational and library programs throughout the State. MSDE also oversees locally owned State and regional library resource centers in Baltimore City and in St. Mary's, Washington, and Wicomico Counties.

Since FY 2008, the Division of Library Development and Services of the Maryland State Department of Education has managed a capital grant program for public libraries throughout Maryland. There are 24 public library systems in Maryland with a total of 191 branches. Many of these branches are in need of replacement, renovation, and alteration.

The State is also responsible for paying the capital expenses for the State Library Resource Center and for three Regional Library Resource Centers. Regional Libraries provide books, information, and other material, services, and resources that the individual member libraries cannot adequately provide themselves. This includes the sharing of resources through inter-library loan, training of library staff, providing collections and exhibits of specialized materials, providing consultant services, and developing a cooperative service program for member libraries. The State Library Resource Center is in need of renovation and is included in the FY 2017 - FY 2021 Capital Improvement Program.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 - FY 2020

Eastern Shore Regional Library: Funding for this project has been deferred due to other budget priorities.

STATE DEPARTMENT OF EDUCATION

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

STATE DEPARTMENT OF EDUCATION

Budget Code: RA01

State Library Resource Center - Renovation (Baltimore City) FY 2017 Total \$26,410

Renovate the 290,138 GSF Central Branch of Baltimore City's Enoch Pratt Free Library System. This project includes improvements to the building's structural, mechanical, and HVAC systems. In addition, communication, fire protection, life safety, and accessibility issues will be addressed. Designated as the State Library Resource Center in 1971, this building has not been completely renovated since it opened in 1933. Once complete, the building will be in compliance with all building codes and provide the public with equitable access to information and materials, utilizing specialized staff, in-depth collections, and links to global information sources. The FY 2017 budget includes funding to continue construction of this project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	35,875	26,410	32,028	4,512	-	-	98,825
Non-Budgeted Funds	-	2,650	2,650	-	-	-	5,300
TOTAL	35,875	29,060	34,678	4,512	-	-	104,125
<u>Use</u>							
Planning	10,025	-	-	-	-	-	10,025
Construction	25,850	29,060	33,178	3,512	-	-	91,600
Equipment	-	-	1,500	1,000	-	-	2,500

STATE DEPARTMENT OF EDUCATION

Public Library Capital Grant Program (Statewide) FY 2017 Total \$5,000

The Public Library Capital Grant Program provides grants to public libraries to acquire land, design, construct, expand, renovate, and equip public library facilities. Specific projects are selected by a review committee of three public library directors or associate directors, a library trustee representing various regions of the State, and staff from the State Department of Education's School Construction Branch. These grants are contingent on review and approval by the State Board of Education. Grants may not exceed the eligible capital cost of the project with a State share ranging from 50 to 90 percent based on taxable wealth per capita, and must be allocated according to criteria outlined in the Education Article, Section 23-510. If requests for State funding exceed \$5 million, awards may be reduced to ensure geographic diversity in the distribution of grant funds. The FY 2017 budget includes funding for 11 projects in 9 counties.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	5,000	5,000	5,000	5,000	5,000	25,000
TOTAL	5,000	5,000	5,000	5,000	5,000	25,000

Public Library Capital Grant Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	South Cumberland Library Renovation	1,870	957 PC	720 CE	-	90%
Anne Arundel	Odenton Library Renovation	234	-	117 PCE	-	50%
Frederick	New Walkersville Library	6,687	-	1,000 C	-	15%
Harford	Aberdeen Library Renovation	388	-	194 C	-	50%
Kent	Chestertown Library Renovation	383	46 PCE	145 PCE	-	50%
Montgomery	Bethesda Library Renovation	1,223	-	500 PC	-	41%
Montgomery	Quince Orchard Library Renovation	1,223	-	500 PC	-	41%
Montgomery	White Oak Library Renovation	1,223	-	500 PC	-	41%
Washington	New Hancock Library	5,659	1,634 PCE	300 CE	-	34%
Wicomico	Salisbury Library Renovation	381	-	320 C	-	84%
Worcester	New Berlin Library	5,607	1,083 C	704 C	916 CE	48%
TOTAL		24,878	3,720	5,000	916	

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	31,410	37,028	9,512	5,000	5,000	87,950
TOTAL	31,410	37,028	9,512	5,000	5,000	87,950

STATE DEPARTMENT OF EDUCATION

Total Program - State Department of Education

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	31,410	37,028	9,512	5,000	5,000	87,950
TOTAL	31,410	37,028	9,512	5,000	5,000	87,950



MARYLAND ENERGY ADMINISTRATION

SUMMARY

The Maryland Energy Administration (MEA) promotes efficiency in the delivery of scarce energy resources and ensures that State energy programs are implemented with consistency. To this end, MEA coordinates and directs integrated energy planning for State agencies. MEA also provides assistance for energy conservation efforts of local governments and the private sector.

The Maryland Energy Administration administers two capital programs that finance energy conservation projects. The State Agency Loan Program (SALP) provides zero interest loans to State agencies for energy conservation projects. The Jane E. Lawton Loan Program provides low interest loans to nonprofit organizations, local governments, and small businesses for energy conservation projects. It was created by the General Assembly in 2008 to replace the Community Energy Loan Program and the Energy Efficiency and Economic Development Loan Program.

MEA's current capital improvement program is designed to continue efforts under these capital programs to provide financing for energy efficiency improvements throughout Maryland. Such improvements help to reduce the amount of energy required for things such as lighting and heating. Energy reductions also provide the added benefit of decreasing operating costs for State agencies, local governments, and private businesses that can contribute to operating budget savings and further economic investments. These efforts contribute to Maryland's progress in meeting broader goals and legislative requirements including the 2009 Greenhouse Gas Emissions Reduction Act that requires Maryland to reduce its greenhouse gas emissions 25% by 2020, relative to 2006 levels; and efforts as a participant in the Regional Green House Gas Initiative (RGGI), that seeks to reduce carbon dioxide emissions from power plants by approximately 10% from current levels by 2019.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 - FY 2020

None

MARYLAND ENERGY ADMINISTRATION

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

MARYLAND ENERGY ADMINISTRATION

Budget Code: DA13

State Agency Loan Program (SALP) (Statewide) **FY 2017 Total \$2,200**

This program provides zero-interest loans to State agencies for energy conservation projects. Funded projects reduce energy usage, yielding cost savings, reducing environmental impacts, and reducing demand for energy infrastructure. The loans are repaid from the resulting energy cost savings. The loans can be used for design, construction, and fees for special services. The program was capitalized between FY 1991 and FY 1997 with \$3.325 million in Energy Overcharge Restitution Funds; and with \$7.562 million in U.S. Department of Energy American Recovery and Reinvestment Act funds in FY 2010 and FY 2011. FY 2017 funds will be used to assist State agencies in meeting their energy reduction goals. Individual projects will be selected based on applications received by the Maryland Energy Administration.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	1,200	1,200	1,200	1,200	1,200	6,000
Federal Funds	1,000	-	-	-	-	1,000
TOTAL	2,200	1,200	1,200	1,200	1,200	7,000

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	1,200	1,200	1,200	1,200	1,200	6,000
Federal Funds	1,000	-	-	-	-	1,000
TOTAL	2,200	1,200	1,200	1,200	1,200	7,000

MARYLAND ENERGY ADMINISTRATION

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

Jane E. Lawton Loan Program (Statewide) FY 2017 Total **\$1,500**

This program provides low-interest loans to nonprofit organizations, local governments, and small businesses for energy conservation projects. These projects help to reduce costs associated with inefficient technologies as well as statewide energy usage and accompanying negative environmental impacts. The program was capitalized in FY 1989 and FY 1990 with \$3.2 million in Energy Overcharge Restitution Trust Funds. Interest rates are negotiated individually with borrowers. These rates are guaranteed to be below market and may go as low as 0%. The average interest rate is anticipated to be about 2%. Legislation passed during the 2014 Maryland General Assembly session expanded MEA's authority under the program to include credit enhancements to recipients. FY 2017 projects will be determined based on future applications received by MEA.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	1,500	1,500	1,500	1,500	1,500	7,500
TOTAL	1,500	1,500	1,500	1,500	1,500	7,500

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	1,500	1,500	1,500	1,500	1,500	7,500
TOTAL	1,500	1,500	1,500	1,500	1,500	7,500

Total Program - Maryland Energy Administration

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	2,700	2,700	2,700	2,700	2,700	13,500
Federal Funds	1,000	-	-	-	-	1,000
TOTAL	3,700	2,700	2,700	2,700	2,700	14,500

DEPARTMENT OF THE ENVIRONMENT

SUMMARY

The Maryland Department of the Environment (MDE) is the State's primary agency responsible for environmental protection. MDE's mission is to protect and restore the quality of the State's land and water resources. MDE has broad regulatory, planning, and management responsibility for water quality, air quality, solid and hazardous waste management, stormwater management, and sediment control.

The FY 2017 – FY 2021 Capital Improvement Program focuses on three goals: 1) reducing point and nonpoint source nutrient pollution of the Chesapeake Bay; 2) providing for safe, reliable, and adequate water and wastewater infrastructure; and 3) remediating sites contaminated by hazardous waste and acid mine drainage which pose a threat to public health or the environment.

A major focus for MDE's capital program is the reduction of nutrients entering the Chesapeake Bay through employment of Biological Nutrient Removal (BNR) and Enhanced Nutrient Removal (ENR). The Chesapeake Bay Agreement signatories (MD, PA, VA, NY, WV and DC) have committed to correct the nutrient and sediment related problems in the Bay and its tidal tributaries. The nutrient goals call for the Bay States to reduce the amount of nitrogen discharged to no more than 183.1 million pounds per year and the amount of phosphorus discharged to no more than 12.8 million pounds per year. Maryland's nitrogen and phosphorus load cap is 39.1 million pounds per year and 2.7 million pounds per year respectively.

The Bay Restoration Fund was established to provide the funding necessary to further reduce nitrogen and phosphorus loading in the Bay. The Fund, financed by wastewater treatment plant users, was originally used solely to upgrade Maryland's 67 major wastewater treatment plants with ENR. Recent legislation has expanded the uses of the fund to upgrading minor wastewater treatment plants, connecting septic systems to public sewer, abating combined sewer overflow, rehabilitating existing sewers, upgrading conveyance systems, and upgrading stormwater management. Accordingly, the program has been renamed from the Enhanced Nutrient Removal Program to the Bay Restoration Fund Wastewater Program.

In addition to the fee financed by wastewater treatment plant users, an annual fee is collected from each home served by an onsite septic system. Sixty percent of these funds are used for septic system upgrades and the remaining forty percent are transferred to the Department of Agriculture to be used for cover crops.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

Energy - Water Infrastructure Program: Funding for this program has been added to FY 2017 to provide grant funds to water and wastewater treatment plant owners to develop energy efficient and resilient projects. This funding is provided as a result of financial recoveries ordered by the Public Service Commission, through an allocation of Strategic Energy Investment Funds (SEIF).

Deletions:

Supplemental Assistance Program: Funding for this program has been deleted from the CIP due to changes in eligibility requirements and regulations for other MDE programs. These programs are now able to meet needs which had previously been addressed through Supplemental Assistance grants.

Changes to FY 2018 - FY 2020

None

DEPARTMENT OF THE ENVIRONMENT

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

OFFICE OF THE SECRETARY

Budget Code: UA01

Maryland Water Quality Revolving Loan Fund (Statewide)

FY 2017 Total \$130,000

The Maryland Water Quality Revolving Loan Fund provides below market interest loans, grants, and loan principal forgiveness to local governments and other eligible entities to finance water quality improvement projects. The goal of the program is to achieve water quality improvements by reducing the amount of nutrients being discharged into the Chesapeake Bay. Projects eligible for funding include wastewater treatment plants, failing septic systems, and nonpoint source projects such as urban stormwater control projects. When Federal Funds are used to fund these projects, they require a 20% State match. Projects may also be funded in whole or in a combination of Special Funds, Revenue Bonds, Federal Funds, GO Bonds, and General Funds. Special Funds are derived from the repayment of past loans. The FY 2017 budget includes funding for 12 projects serving 6 jurisdictions and the National Capital region.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	6,792	4,900	4,900	4,900	4,900	26,392
Special Funds	89,248	100,600	100,600	100,600	100,600	491,648
Federal Funds	33,960	24,500	24,500	24,500	24,500	131,960
TOTAL	130,000	130,000	130,000	130,000	130,000	650,000

Maryland Water Quality Revolving Loan Fund Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	Cumberland Combined Sewer Overflow Storage Facility (01-10-WWTP)	32,629	152 P	3,892 C	-	12%
Allegany	Evitts Creek Combined Sewer Overflow Upgrades, Phase 3 - Gravity Sewer through CSX Railyard	1,415	-	177 P	-	13%
Allegany	LaVale Mechanic Street Relief Sewer Improvements	1,388	-	738 C	-	53%
Allegany	LaVale Sanitary Commission Manhole Rehab, Phase 2	1,142	-	143 P	-	13%
Baltimore City	Back River Headworks (SC-918) Improvement	357,885	-	36,001 C	-	10%
Baltimore City	Masonville Cove Watershed (ER-4042) Environmental Site Design	915	-	571 C	-	62%
Baltimore Co.	Back River Headworks (SC-918) Improvement	357,885	-	35,000 C	-	10%

DEPARTMENT OF THE ENVIRONMENT

Frederick	Frederick County Reforestation Program	1,408	-	1,408 PC	-	100%
Frederick	Little Hunting Creek Stream Restoration	1,698	-	1,620 C	-	95%
Kent	Betterton Wastewater Treatment Plant - Miscellaneous Improvements	6,755	-	250 C	-	4%
Somerset	Princess Anne Wastewater Treatment Plant - Miscellaneous Improvements	4,935	-	200 C	-	4%
Regional	Blue Plains WWTP Enhanced Clarification and Tunnel Dewatering Pump Station - Misc Improvements	1,116,691	-	50,000 C	-	5%
TOTAL		1,884,746	152	130,000	-	



DEPARTMENT OF THE ENVIRONMENT

Bay Restoration Fund Wastewater Program (Statewide) FY 2017 Total \$80,000

The Bay Restoration Fund (BRF) Wastewater Program provides grants to local governments of up to 100% of the eligible capital costs related to the planning, design, and construction of Enhanced Nutrient Removal (ENR) technology at the 67 largest wastewater treatment plants in Maryland, as well as up to 87.5% in grant funds for combined sewer overflow abatement, rehabilitation of existing sewers, and upgrading conveyance systems, including pumping stations. These improvements address major components of point source and non-point source water pollution. They are among the most important elements in the State's strategy to improve water quality and reduce the amount of nutrients discharged to the Chesapeake Bay. The special funds used to finance this program are derived from a monthly fee charged to all wastewater treatment plant users and the proceeds of revenue bonds issued by the program. The FY 2017 budget includes funding for 10 projects in 2 jurisdictions serving 16,575 homes in Allegany County and 720,000 homes in Baltimore City.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	80,000	40,000	60,000	60,000	65,000	305,000
TOTAL	80,000	40,000	60,000	60,000	65,000	305,000

Bay Restoration Fund Wastewater Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	Cumberland Combined Sewer Overflow Storage Facility (01-10-WWTP)	32,629	-	27,241 C	-	84%
Allegany	Evitts Creek Combined Sewer Overflow Upgrades, Phase 3 - Gravity Sewer through CSX Railyard	1,415	-	1,238 C	-	88%
Allegany	Frostburg Combined Sewer Overflow Elimination, Phase VIII-B - Grant Street Corridor	2,441	-	2,136 C	-	88%
Allegany	LaVale Sanitary Commission Manhole Rehab, Phase 2	1,142	-	999 C	-	88%
Baltimore City	Gwynns Falls Sewershed (SC-921) Collection System Area B	23,270	-	14,175 C	-	61%
Baltimore City	Herring Run Sewershed (SC-937) Sewer Improvements - Basin HR07A	8,270	-	3,258 C	2,649 C	71%
Baltimore City	Herring Run Sewershed (SC-910) Sewer Improvements - Chinquapin Run	24,480	-	7,875 C	7,875 C	64%
Baltimore City	High Level Sewershed (SC-940) Sewer Improvements, Phase I	18,259	-	5,753 C	4,485 C	56%

DEPARTMENT OF THE ENVIRONMENT

Baltimore City	Low Level Sewershed (SC-914) Sewer Improvements, Phase I	23,140	-	7,481 C	7,481 C	65%
Baltimore City	Patapsco Sewershed (SC-903) Sewer Improvements, Phase I	31,100	-	9,844 C	9,844 C	63%
TOTAL		<u>166,146</u>	-	<u>80,000</u>	<u>32,334</u>	

Biological Nutrient Removal Program (Statewide) FY 2017 Total \$25,000

This program provides grants to local governments for the removal of nutrients from the discharges of sewage treatment plants. On average, the State provides approximately 50% (or up to 75% for small, low-income jurisdictions) of the total project cost, with the ability to provide 100% of the cost under the Environmental Article Title 9, Section 9-348. The FY 2017 budget provides funding for biological nutrient removal upgrades for 9 projects in 7 jurisdictions throughout the state. The projects funded in FY 2017 will reduce the nitrogen load to the Chesapeake Bay by approximately 5.54 million pounds per year.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	25,000	41,000	10,000	10,000	10,000	96,000
TOTAL	25,000	41,000	10,000	10,000	10,000	96,000

Biological Nutrient Removal Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>Total Cost</u>	<u>Prior Auth.</u>	<u>State Funding</u>		<u>Total State Share</u>
				<u>FY 2017 Request</u>	<u>Future Request</u>	
Baltimore City	Back River Wastewater Treatment Plant	657,616	84,829 PC	10,984 C	40,593 C	21%
Carroll	Hampstead Wastewater Treatment Plant	14,016	-	2,592 C	-	19%
Cecil	Chesapeake City Wastewater Treatment Plant	10,480	-	1,590 C	-	15%
Cecil	Harbour View Wastewater Treatment Plant	4,900	-	900 C	-	18%
Dorchester	Twin Cities Wastewater Treatment Plant	14,365	-	3,085 C	-	22%
Kent	Betterton Wastewater Treatment Plant	6,755	-	750 C	-	11%
Kent	Galena Wastewater Treatment Plant	8,689	-	1,395 C	-	16%
Somerset	Smith Island Wastewater Treatment Plant	7,684	-	1,694 C	-	22%
Talbot	Oxford Wastewater Treatment Plant	10,749	-	2,010 C	-	19%
TOTAL		<u>735,254</u>	<u>84,829</u>	<u>25,000</u>	<u>40,593</u>	

DEPARTMENT OF THE ENVIRONMENT

Maryland Drinking Water Revolving Loan Fund (Statewide)

FY 2017 Total \$24,000

The Maryland Drinking Water Revolving Loan Fund provides below market interest rate loans, grants, and loan principal forgiveness to local governments and other eligible entities which finance water treatment plant and water supply distribution system improvements. This assistance enables localities to provide safe, adequate, and reliable water supply while maintaining affordable rates. The Safe Drinking Water Act of 1996 provides Federal grants to states to capitalize their revolving funds. These federal grants require a 20% State match. Projects may be funded in whole or in a combination of Special Funds, Federal Funds, and GO Bonds. Special Funds are derived from the repayment of past loans. The FY 2017 budget includes funding for 6 projects in 4 subdivisions serving 763,719 homes throughout Maryland.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	3,003	2,610	2,610	2,610	2,610	13,443
Special Funds	10,638	14,390	16,390	18,390	20,390	80,198
Federal Funds	10,359	9,000	9,000	9,000	9,000	46,359
TOTAL	24,000	26,000	28,000	30,000	32,000	140,000

Maryland Drinking Water Revolving Loan Fund Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	Lonaconing Water Station Run and Potomac Hollow Road Waterline Extension	1,860	-	1,500 C	-	81%
Allegany	Prince Albert Water Distribution	500	-	200 C	-	40%
Allegany	Sunnyside Water Distribution	940	-	400 C	-	43%
Baltimore City	Ashburton Reservoir Improvements WC-1211	147,278	-	19,730 C	-	13%
Garrett	Bloomington Water Tank Replacement and Line Extension to Westernport	1,479	-	1,479 PC	-	100%
Washington	R. C. Willson Water Treatment Plant Traveling Screen Replacement and Water Storage Tank IV-C	1,383	-	691 PC	-	50%
TOTAL		153,440	-	24,000	-	

DEPARTMENT OF THE ENVIRONMENT

Energy - Water Infrastructure Program (Statewide)

FY 2017 Total \$16,200

The Energy - Water Infrastructure Program provides grant funds to water and wastewater treatment plant owners to develop energy efficient and resilient projects. Funding for this program is provided as a result of the Public Service Commission Dominion Cove Point Order No. 86372, through an allocation of Strategic Energy Investment Funds (SEIF). The types of improvement projects eligible to be funded through this program include the upgrade and expansion of existing wastewater treatment plant pumps, energy efficiencies at pumping stations or other structures, and green projects. Projects will benefit both the environmental and economic interests of the State by utilizing renewable and clean energy resources, reducing or mitigating climate change effects, promoting beneficial changes in electricity generation and usage at water and wastewater facilities, and supporting resiliency and sustainability. The FY 2017 projects will be determined based on applications received by MDE.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	16,200	-	-	-	-	16,200
TOTAL	16,200	-	-	-	-	16,200

Septic System Upgrade Program (Statewide)

FY 2017 Total \$14,000

The Septic System Upgrade Program (SSUP) provides grants to septic system owners to upgrade failing systems and holding tanks with best available technology for nitrogen removal. Priority for this funding is given to failing septic systems in the Chesapeake Bay and Atlantic Coastal Bay's Critical Area. Upgrading onsite septic disposal systems with best available technology for nitrogen removal is critical in protecting water quality and ground water in Maryland. The Bay Restoration Fund fee revenue from septic systems (\$60 per year per septic/holding tank) is allocated to the Maryland Department of the Environment for the Septic System Upgrade Program (60%) and to the Department of Agriculture for cover crops (40%). There are approximately 420,000 on-site septic systems in Maryland. The FY 2017 budget provides funding for approximately 1,100 septic system upgrades.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	14,000	14,000	14,000	14,000	14,000	70,000
TOTAL	14,000	14,000	14,000	14,000	14,000	70,000

DEPARTMENT OF THE ENVIRONMENT

Water Supply Financial Assistance Program (Statewide) FY 2017 Total \$2,480

This program provides grants to assist small communities in the acquisition, design, construction, and rehabilitation of publicly owned water supply facilities throughout the State. The grant funds enable the State to continue its efforts to protect public health and enhance the quality of life. The program may fund up to 87.5% (maximum of \$1.5 million) of the total eligible project cost, and a minimum 12.5% local match is required. The FY 2017 budget provides funding for 4 projects in 3 jurisdictions, which will provide safe and adequate water supplies to 44,566 homes and 2 schools.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,480	2,500	2,500	2,500	2,500	12,480
TOTAL	2,480	2,500	2,500	2,500	2,500	12,480

Water Supply Financial Assistance Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	Pond Circle Road Water System	275	-	138 C	-	50%
Allegany	Westernport Luke (Mill) Bloomington Water Line	3,200	-	1,500 C	-	47%
Dorchester	North Dorchester High/Middle Schools Well and Storage Tank Replacement	303	-	151 C	-	50%
Washington	R. C. Willson Water Treatment Plant Traveling Screen Replacement and Water Storage Tank IV-C	1,383	-	691 PC	-	50%
TOTAL		5,161	-	2,480	-	

DEPARTMENT OF THE ENVIRONMENT

Mining Remediation Program (Regional) FY 2017 Total **\$500**

The Mining Remediation Program restores abandoned lands and waters impacted by inadequate coal mining reclamation practices prior to the passage of the Surface Mine Control and Reclamation Act of 1977, and in cases where there is no financially viable responsible party. These mines degrade the quality of the environment, prevent and endanger the beneficial use of land and water resources and put the health and safety of the public at risk. This program assesses, remediates, and restores projects at sites that will bring long-term environmental benefits and economic improvements in the coal mining region of Allegany and Garrett Counties. The FY 2017 budget includes funding to remediate contamination at 2 project sites.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	500	500	500	500	500	2,500
TOTAL	500	500	500	500	500	2,500

Mining Remediation Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>			<u>Total State Share</u>	
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>		<u>Future Request</u>
Allegany	Matthew Run Acid Mine Drainage Remediation Project	425	123 P	302 C	-	100%
Regional	Upper George's Creek Stream Sealing Project	1,673	218 P	198 C	1,257 C	100%
TOTAL		2,098	341	500	1,257	

DEPARTMENT OF THE ENVIRONMENT

Hazardous Substance Clean-up Program (Statewide) FY 2017 Total \$200

This program is responsible for the remediation of hazardous waste contaminated sites that pose a threat to public health or the environment and where there is no responsible party to perform the necessary cleanup. These remediations typically prevent human exposure to contamination, remove contamination from groundwater to protect drinking water supplies, and prevent degradation of environmental resources. The FY 2017 budget includes funding to investigate contamination for new site assessments throughout the State.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
General Funds	200	1,000	1,000	1,000	1,000	4,200
TOTAL	200	1,000	1,000	1,000	1,000	4,200

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	37,775	51,510	20,510	20,510	20,510	150,815
General Funds	200	1,000	1,000	1,000	1,000	4,200
Special Funds	210,086	168,990	190,990	192,990	199,990	963,046
Federal Funds	44,319	33,500	33,500	33,500	33,500	178,319
TOTAL	292,380	255,000	246,000	248,000	255,000	1,296,380

Total Program - Department of the Environment

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	37,775	51,510	20,510	20,510	20,510	150,815
General Funds	200	1,000	1,000	1,000	1,000	4,200
Special Funds	210,086	168,990	190,990	192,990	199,990	963,046
Federal Funds	44,319	33,500	33,500	33,500	33,500	178,319
TOTAL	292,380	255,000	246,000	248,000	255,000	1,296,380

MARYLAND ENVIRONMENTAL SERVICE

SUMMARY

The Maryland Environmental Service (MES) is an independent agency of the State created to provide water supply, wastewater treatment, and waste management services to State agencies, counties, municipalities, and private sector clients. Projects typically funded through the Capital Improvement Program are designed to ensure a safe drinking water supply and to minimize the environmental impact of wastewater discharges into the community. This must be accomplished while also complying with federal and State regulations.

MES operates 236 water and wastewater treatment facilities in Maryland, of which 86 are State-owned. The remaining 150 are operated by the MES under contract with a local government or corporate owner.

The FY 2017 - FY 2021 Capital Improvement Program will provide funding to permit improvements to State-owned water and wastewater treatment facilities, water tanks, water distribution systems, and sewage collection systems.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 - FY 2020

None

MARYLAND ENVIRONMENTAL SERVICE

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

MARYLAND ENVIRONMENTAL SERVICE

Budget Code: UB00

State Water and Sewer Infrastructure Improvement Fund (Statewide)

FY 2017 Total \$24,825

This program provides funding to upgrade and renovate State-owned water and wastewater facilities operated and maintained by the Maryland Environmental Service (MES). These facilities supply, treat, store, and distribute drinking water and collect and treat the wastewater at State hospitals, correctional institutions, parks, and other State facilities. The FY 2017 budget includes funding for 14 projects in 10 jurisdictions.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	24,825	18,105	13,702	16,046	13,360	86,038
TOTAL	24,825	18,105	13,702	16,046	13,360	86,038

State Water and Sewer Infrastructure Improvement Fund Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	Western Correctional Institution - Wastewater Pump Station Improvements	1,693	900 PC	793 C	-	100%
Baltimore Co.	Camp Fretterd - Water and Wastewater Treatment Plants and Water Distribution System Upgrades	2,670	197 P	1,473 C	1,000 C	100%
Baltimore Co.	Woodstock - Wastewater Treatment Plant Upgrades	4,077	-	356 P	3,721 C	100%
Cecil	Fair Hill Natural Resources Management Area - Water Treatment Plant and Distribution System Upgrades	1,963	-	180 P	1,783 C	100%
Charles	Southern Pre-Release Unit - Wastewater Treatment Plant Improvements	4,198	3,913 PC	285 C	-	100%
Frederick	Cunningham Falls State Park - Water Treatment Plant	4,000	350 P	2,555 C	1,095 C	100%
Frederick	Victor Cullen Wastewater Treatment Plant Upgrades	4,742	-	373 P	4,369 C	100%

MARYLAND ENVIRONMENTAL SERVICE

Prince George's	Cheltenham Youth Center - Wastewater Treatment Plant	7,115	400 P	305 P	6,410 C	100%
Queen Anne's	Eastern Pre-Release - Wastewater Treatment Plant	4,450	350 P	3,000 C	1,100 C	100%
Somerset	Eastern Correctional Institution - Co-Generation Plant Upgrades	4,321	1,681 PC	1,138 PC	1,502 PC	100%
Somerset	Eastern Correctional Institution - Wastewater Treatment Plant Upgrade	26,730	15,015 PC	8,943 C	2,772 C0	100%
Washington	Maryland Correctional Institution - Hagerstown - Wastewater Treatment Plant Upgrade	13,582	5,090 PC	2,000 C	-	52%
Washington	State Water Storage – Greenbrier State Park Tanks	339	-	339 PC	-	100%
Regional Statewide	State Well Upgrades	1,060	50 P	285 PC	725 C	100%
	Cash Flow Adjustment	-	(2,800)C	2,800 C	-	-%
TOTAL		80,940	25,146	24,825	24,477	

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	24,825	18,105	13,702	16,046	13,360	86,038
TOTAL	24,825	18,105	13,702	16,046	13,360	86,038

Total Program - Maryland Environmental Service

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	24,825	18,105	13,702	16,046	13,360	86,038

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

SUMMARY

The Department of Health and Mental Hygiene (DHMH) provides State-financed physical, mental, and social health facilities and programs. The Department's mission is to protect and promote the health of the State's citizens, and to prevent disease and disability by developing a comprehensive and accessible system of care. In undertaking these efforts, the Department seeks to strengthen partnerships between State and local governments, the business community, and all health care providers in Maryland.

These programs and services are carried out in a variety of facilities. For FY 2017 - FY 2021, capital funds are recommended for State-owned facilities administered by the Behavioral Health Administration and the Developmental Disabilities Administration. The Capital Improvement Program proposes renovations, replacements, and upgrades to these facilities.

The Department also provides or purchases direct care services, including residential and outpatient care for the mentally ill, the developmentally disabled, the chronically ill, the impaired elderly, and people with addictions. The importance and extent of these outpatient services will increase as necessary to permit the planned reductions in the average daily population at Developmental Disabilities Administration centers and Behavioral Health Administration hospitals. The facilities in which these health services are provided may be partially funded through the Community Health Facilities Grant Program and the Federally Qualified Health Centers Grant Program.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

None

Deletions:

Dorsey Run Secure Evaluation and Therapeutic Treatment Center (SETT) (CE): Funding for SETT has been deferred from FY 2017 to FY 2018 to reflect a change in the design schedule.

Renovate North Wing at Clifton T. Perkins Hospital Center (P): Funding for Clifton T. Perkins has been deferred from FY 2017 to FY 2019 due to schedule delays and to meet state debt affordability ratios.

Changes to FY 2018 - FY 2020

None

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

DEVELOPMENTAL DISABILITIES ADMINISTRATION

Budget Code: MM06

Dorsey Run Secure Evaluation and Therapeutic Treatment Center (SETT) Muncie Building (Carroll)

Renovate and construct an addition to the Muncie Building to create a consolidated 32-bed Secure Evaluation Therapeutic Treatment (SETT) facility for individuals with developmental disabilities and forensic involvement. The Muncie Building is located on the Springfield Hospital Center campus in Sykesville, MD. The facility will house individuals with a developmental disability who have been found as Incompetent to Stand Trial (IST), Not Criminally Responsible (NCR), or who have been court ordered for pre-trial evaluation (i.e., the forensic population). The consolidated facility will replace obsolete and inadequate facilities at the Rosewood Center, which closed on June 30, 2009. Although the Department has implemented an interim plan for housing the forensic population, the facilities lack additional space for vocational activities. The scope of this project may change based on the results of a completed building assessment.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	637	778	8,825	8,434	18,674
TOTAL	-	-	637	778	8,825	8,434	18,674

<u>Use</u>							
Planning	-	-	637	778	366	-	1,781
Construction	-	-	-	-	8,359	8,359	16,718
Equipment	-	-	-	-	100	75	175

Subtotals for Developmental Disabilities Administration

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		-	637	778	8,825	8,434	18,674
TOTAL		-	637	778	8,825	8,434	18,674

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

CLIFTON T. PERKINS HOSPITAL CENTER

Budget Code: ML10

Renovate North Wing at Clifton T. Perkins Hospital (Howard)

Renovate the 80-bed North Wing at Clifton T. Perkins Hospital Center in Jessup, Maryland to a maximum-security level and construct a new kitchen. The project will create a new admissions intake unit at the current kitchen space, rework the existing main storage areas, and create a new kitchen area. This project will re-orient the existing configuration of the North Wing wards and improve pedestrian circulation. The number of beds will be reduced from 80 to 64 to maintain compliance with licensing requirements. The renovation will create a maximum-security level admissions area, replace outdated and incompatible security systems, a failing building infrastructure system, and an outmoded and deteriorating kitchen. The project will eliminate conditions in these areas that compromise patient treatment and the safety/security of patients and staff. Additionally, the project will address selected infrastructure deficiencies including mechanical areas and roofs for the North Wing, and HVAC and sprinkler systems serving the adjacent Administration and Administration support wings. Renovation of the maximum-security Central Control Room is also part of this project. The estimated cost of this project totals \$35,421,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	1,088	1,329	16,676	19,093
TOTAL	-	-	-	1,088	1,329	16,676	19,093

<u>Use</u>							
Planning	-	-	-	1,088	1,329	647	3,064
Construction	-	-	-	-	-	15,829	15,829
Equipment	-	-	-	-	-	200	200

Subtotals for Clifton T. Perkins Hospital Center

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		-	-	1,088	1,329	16,676	19,093
TOTAL		-	-	1,088	1,329	16,676	19,093

Subtotals for State-Owned Facilities

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		-	637	1,866	10,154	25,110	37,767
TOTAL		-	637	1,866	10,154	25,110	37,767

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

OFFICE OF THE SECRETARY

Budget Code: MA01

Community Health Facilities Grant Program (Statewide) FY 2017 Total \$4,758

The Community Health Facilities Grant Program provides capital grants for the acquisition, design, construction, renovation, and equipping of facilities to provide mental health, developmental disabilities, and substance abuse treatment services. The program is essential for the deinstitutionalization of the mentally ill and developmentally disabled and for preventing institutionalization of the addicted. The funding of residential facilities within the community helps to minimize the number of persons who must be institutionalized in public or private facilities. The State may fund up to 75% of the cost of each project. The FY 2017 budget includes funding for eight projects in six jurisdictions.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	4,758	5,742	5,250	7,500	7,500	30,750
TOTAL	4,758	5,742	5,250	7,500	7,500	30,750

Community Health Facilities Grant Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>Total Cost</u>	<u>Prior Auth.</u>	<u>State Funding</u>		<u>Total State Share</u>
				<u>FY 2017 Request</u>	<u>Future Request</u>	
Anne Arundel	Main Street Housing, Inc.	696	-	477 ACE	-	69%
Anne Arundel	Opportunity Ministries, Inc.	879	-	659 PCE	-	75%
Anne Arundel	The Samaritan House, Inc.	1,383	-	750 PC	-	54%
Baltimore City	Tuerk House, Inc.	4,960	137 P	700 C	2,635 C	70%
Montgomery	Cornerstone Montgomery, Inc.	1,403	-	1,050 C	-	75%
Montgomery	Montgomery County Government/Avery Road Treatment Center (ARTC)	12,592	414 P	1,027 C	2,173 C	29%
Regional	Family Services, Inc.	2,233	-	850 A	824 A	75%
Regional	Key Point Health Services, Inc.	520	-	390 A	-	75%
Statewide	Available Funds Adjustment	(1,145)	-	(1,145)	-	100%
TOTAL		23,521	551	4,758	5,632	

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Federally Qualified Health Centers Grant Program (Statewide) FY 2017 Total **\$2,500**

The Federally Qualified Health Centers (FQHC) Grant Program provides grants to private nonprofit organizations that have been designated by the federal government as FQHCs. Federally Qualified Health Centers, which must offer services to all persons regardless of ability to pay, provide primary and preventive health care services in medically underserved areas throughout the United States. The State provides grants for up to 75% of eligible costs for the acquisition, construction, renovation, and equipping of FQHC buildings. All of the projects provide preventive and primary health care services, and may include dental and mental health services as well. The FQHC Program enhances access to care by developing health care facilities in underserved areas that help maintain the health of the State's medically underserved citizens. The FY 2017 budget includes funding for three projects in three jurisdictions.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,500	2,500	2,500	2,500	2,500	12,500
TOTAL	2,500	2,500	2,500	2,500	2,500	12,500

Federally Qualified Health Centers Grant Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Baltimore City	Total Health Care, Inc.	3,588	126 P	1,300 C	835 C	63%
Montgomery	Community Clinic, Inc.	536	-	402 C	-	75%
Prince George's	Greater Baden Medical Services, Inc.	2,433	436 P	818 C	546 C	74%
Statewide	Available Fund Adjustment	(20)	-	(20)	-	100%
TOTAL		6,537	562	2,500	1,381	

Subtotals for Office of the Secretary

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	7,258	8,242	7,750	10,000	10,000	43,250
TOTAL	7,258	8,242	7,750	10,000	10,000	43,250

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	7,258	8,242	7,750	10,000	10,000	43,250
TOTAL	7,258	8,242	7,750	10,000	10,000	43,250

Total Program - Department of Health and Mental Hygiene

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	7,258	8,879	9,616	20,154	35,110	81,017

MARYLAND HIGHER EDUCATION COMMISSION

SUMMARY

The Maryland Higher Education Commission (MHEC) is the coordinating body for State and private postsecondary education institutions. In this capacity, MHEC approves campus mission statements, approves the operation of new colleges and universities, approves new academic programs, and regulates private career schools.

The Commission also administers over 20 state and federal financial aid programs, including the Community College Construction Grant Program. This program provides capital funding assistance for the design, construction and equipping of major new facilities; expansion and renovation of existing facilities; and upgrades to campus infrastructure.

The level of State assistance is determined by two criteria: the portion of a project which meets the eligibility requirements for State support and the State/local cost sharing formula prescribed in the Education Article of the Annotated Code of Maryland. State aid typically varies between 50 percent and 70 percent of the cost of eligible capital improvements for local institutions. The State formula is 75 percent for community colleges established as regional institutions in accordance with Section 16-202 of the Education Article. Matching funds are provided by local sources and may exceed 50 percent of the total project cost.

The FY 2017 - FY 2021 Capital Improvement Program includes funds to address campus space deficiencies created by a projected 23 percent increase in enrollment at Maryland's local and regional community colleges over the next ten years. In addition to new capacity, funds are provided for the systemic renovation and expansion of buildings constructed during the initial development of the community college campuses in the 1960's and equipment for both new and renovated buildings.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 - FY 2020

None

MARYLAND HIGHER EDUCATION COMMISSION

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

MARYLAND HIGHER EDUCATION COMMISSION

Budget Code: RI00

Community College Construction Grant Program (Statewide) FY 2017 Total \$59,386

This program provides grants for capital improvements to Maryland's community colleges. The Maryland Higher Education Commission (MHEC) administers the Community College Construction Grant Program in accordance with regulations approved by the Board of Public Works. The level of State grant funding is determined by two criteria: (1) the portion of a project which meets the eligibility requirements for State support and (2) the State/local cost sharing formula prescribed by Section 11-105(j) of the Education Article of the Annotated Code. The FY 2017 budget includes funding for the State's share of 13 projects at 9 community colleges.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	59,386	60,000	60,000	60,000	60,000	299,386
TOTAL	59,386	60,000	60,000	60,000	60,000	299,386

Community College Construction Grant Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Baltimore Co.	CCBC Essex Health Careers and Technology Building Renovation/Expansion - (formerly N Building)	57,228	900 P	2,000 C	26,000 CE	51%
Baltimore Co.	Hilton Mansion Rehabilitation	6,000	1,756 C	1,244 C	-	50%
Frederick	Monroe Center Renovation	7,029	-	2,255 PC	1,787 CE	58%
Garrett	Community Education and Performing Arts Center	14,717	-	685 P	6,674 CE	50%
Garrett	STEM Building 200 Renovation and Addition	9,154	325 P	3,937 C	315 E	50%
Harford	Edgewood Hall Renovation and Expansion	8,115	3,528 PC	691 CE	-	52%
Howard	New Science, Engineering and Technology Building	76,536	27,954 PC	10,314 CE	-	50%
Montgomery	Rockville Student Services Center	75,122	5,028 P	8,000 C	24,306 CE	50%
Montgomery	Science and Applied Studies Building Renovation and Addition	39,979	7,906 P	9,361 C	2,314 E	49%
Prince George's	Lanham Hall Renovation and Addition	33,240	8,974 PC	10,372 CE	-	58%

MARYLAND HIGHER EDUCATION COMMISSION

Prince George's	Queen Anne Academic Center Renovation and Addition	88,042	19,318 P	9,286 C	21,314 CE	57%
Washington	Learning Resource Center Renovation	3,059	-	1,918 CE	-	63%
Regional	Wor-Wic - Academic and Administrative Building and Maner Technology Center Renovation	8,571	3,021 PCE	3,053 C	-	71%
Statewide	Program Balance/Surplus	(14,830)	(11,100)C	(3,730)C	-	100%
TOTAL		411,962	67,610	59,386	82,710	

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	59,386	60,000	60,000	60,000	60,000	299,386
TOTAL	59,386	60,000	60,000	60,000	60,000	299,386

Total Program - Maryland Higher Education Commission

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	59,386	60,000	60,000	60,000	60,000	299,386



HISTORIC ST. MARY'S CITY COMMISSION

SUMMARY

The Historic St. Mary's City Commission is an agency within the Executive Department. The mission of the Commission is to preserve and protect the archaeological and historical record of Maryland's First Colonial Capital and to appropriately develop and use this historic and scenic site for the education, enjoyment, and general benefit of the public. There are numerous sites, in and near the City, of Native American settlements dating as far back as 4000 BC. English settlers established St. Mary's City as Maryland's capital in 1634. The City was the site of many firsts in American history, including the first successful proprietary colony in English America, the first Catholic brick chapel in the American British Colonies, the first African American to vote in a legislative body, the first American woman to ask for the right to vote, and the first use of Baroque town planning.

St. Mary's College of Maryland furnishes certain administrative support services under an operating agreement with the Commission. The FY 2017 - FY 2021 Capital Improvement Program includes funding to design, construct, and equip the Leonard Calvert House Exhibit and the Maryland Heritage Interpretive Center.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 - FY 2020

Leonard Calvert House Exhibit: Funding for the project has been deferred one year, from FY 2018 to FY 2019, to remain within debt affordability ratios.

Maryland Heritage Interpretive Center: Funding for the project has been deferred one year, from FY 2018 to FY 2019, to remain within debt affordability ratios.

HISTORIC ST. MARY'S CITY COMMISSION

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

HISTORIC ST. MARY'S CITY COMMISSION

Budget Code: DB01

Leonard Calvert House Exhibit (St. Mary's)

Construct the Governor Leonard Calvert House exhibit, which will complete the architectural backdrop of the museum's Town Center interpretive site. Built in the 1630s, the Calvert House was the first major building constructed in Maryland and was the home of the colony's first governor, Leonard Calvert. It is also the site where the Act Concerning Religion was passed in 1649, laying the foundation for religious freedom in Maryland and our nation. The Calvert House and the overall Maryland Heritage Project, a joint capital program with St. Mary's College of Maryland, aims to increase the knowledge of the connections between Maryland's founding and the evolution of American democracy.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	400	488	6,033	6,921
TOTAL	-	-	-	400	488	6,033	6,921
<u>Use</u>							
Planning	-	-	-	400	488	87	975
Construction	-	-	-	-	-	5,882	5,882
Equipment	-	-	-	-	-	64	64

HISTORIC ST. MARY'S CITY COMMISSION

Maryland Heritage Interpretive Center (St. Mary's)

Construct a new visitor center in Historic St. Mary's City called the Maryland Heritage Interpretive Center. The existing visitor center is too small and has inadequate facilities, and the building is in poor condition. The visitor center is also in an obscure location that often makes it difficult to find. The Maryland Heritage Interpretive Center (MHIC) will be located adjacent to the new replacement building for Anne Arundel Hall at St. Mary's College of Maryland. The proposed center replaces a small barn converted 30 years ago, which currently serves as the visitor center. The proposed center will be used for welcoming visitors to the St. Mary's City National Historic Landmark and Museum. Exhibits will orient visitors to the area, explain the importance of the City and events to American history, and showcase a selection of the more than 8 million artifacts excavated from the site. The proposed center will include a lobby, theater for presentation of an orientation film and programs, staff offices, exhibit galleries, an exhibit storage and preparation area, bathroom facilities, and tour check-in space. This project was initially a part of St. Mary's College's Anne Arundel Hall Reconstruction project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,681	-	-	127	12,084	2,090	15,982
Non-Budgeted Funds	-	-	-	-	2,160	340	2,500
TOTAL	1,681	-	-	127	14,244	2,430	18,482

<u>Use</u>							
Planning	1,681	-	-	127	391	-	2,199
Construction	-	-	-	-	13,764	2,430	16,194
Equipment	-	-	-	-	89	-	89

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	527	12,572	8,123	21,222
TOTAL	-	-	527	12,572	8,123	21,222

Total Program - Historic St. Mary's City Commission

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	527	12,572	8,123	21,222
TOTAL	-	-	527	12,572	8,123	21,222

DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

SUMMARY

The Department of Housing and Community Development has two programmatic units: Division of Neighborhood Revitalization and Division of Development Finance. The Capital Improvement Program provides financial assistance to local governments and private organizations to support the objectives listed below.

The Division of Neighborhood Revitalization provides technical and financial assistance to stabilize and revitalize existing neighborhoods. These programs include:

The **Community Development Block Grant Program** provides grants to local governments in non-entitlement areas of the State for use in revitalizing neighborhoods, expanding affordable housing and economic opportunities, and/or improving community facilities and services.

The **Community Legacy Program** provides financing to assist with the revitalization of neighborhoods that are at risk of physical, economic, or social deterioration.

The **Neighborhood Business Development Program** funds community-based economic development activities in revitalization areas designated by local governments.

The **Baltimore Regional Neighborhoods Initiative** provides grants to fund comprehensive revitalization strategies to areas designated as Sustainable Communities in the Baltimore region.

The Division of Development Finance provides programs to promote rental housing or homeownership opportunities for the elderly, the disabled, or people with limited income. These programs include:

The **Rental Housing Programs** rehabilitate and create new affordable housing for low-income individuals and families, moderate-income elderly residents, or special-needs populations.

The **Special Loan Programs** provide loans or grants for abatement of lead hazards; rehabilitation or installation of indoor plumbing; rehabilitation to create accessory, shared, and sheltered housing facilities; rehabilitation to eliminate health, safety, and maintenance deficiencies in residential properties; and acquisition, construction, and modifications of group homes for low-income, elderly, handicapped, disabled, or other citizens of Maryland with special housing needs.

The **Homeownership Programs** provide below-market-interest-rate mortgage loans with minimum down payments to low- and moderate-income families.

The **Partnership Rental Housing Program** provides loans or grants to local governments or housing authorities to construct or rehabilitate rental housing for low-income families.

The **Shelter and Transitional Housing Facilities Grant Program** provides grants to local governments and nonprofit organizations to develop emergency shelters and transitional housing for homeless individuals and families.

The **Maryland Base Realignment and Closure (MD-BRAC) Preservation Loan Fund** provides grants and loans to local governments to preserve affordable multifamily rental housing in jurisdictions affected by federal Base Realignment and Closure (BRAC) process.

The **Housing and Building Energy Programs** provide loans and grants to promote energy efficient improvements through the renovation of existing facilities, the construction of new properties, or the installment of equipment and materials for single-family and rental housing properties, using multiple funding sources.

DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

Baltimore Regional Neighborhoods Initiative: Funding for this program has been added to FY 2017 to continue funding revitalization plans which include the acquisition, redevelopment, and rehabilitation of properties in Sustainable Communities in Baltimore City, Baltimore County, and Anne Arundel County.

Rental Housing Programs: GO Bond funding for Rental Housing Programs has been added in FY 2017 through FY 2021 to continue funding the Rental Housing Works program which creates jobs and strengthens the Maryland economy by providing gap financing for the creation and preservation of affordable rental housing financed through DHCD's Multifamily Bond Program and Low Income Housing Tax Credit Program.

Housing and Building Energy Programs: Housing and Building Energy Programs is a new umbrella program that was created to house capital energy programs which were previously included with Rental Housing and Homeownership programs. Funding is included in FY 2017 through FY 2021.

Deletions:

None

Changes to FY 2018 - FY 2020

None

DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

DIVISION OF NEIGHBORHOOD REVITALIZATION

Budget Code: SA24

Community Development Block Grant Program (Statewide) FY 2017 Total **\$9,000**

The Community Development Block Grant Program (CDBG) provides federally funded grants to local governments in rural areas of the State for use in revitalizing neighborhoods, expanding affordable housing and economic opportunities, and/or improving community facilities and services. These “non-entitlement” areas do not have their own CDBG programs. Entitlement areas that administer their own CDBG funds include Anne Arundel, Baltimore, Harford, Howard, Montgomery, and Prince George’s Counties and the cities of Annapolis, Baltimore, Bowie, Cumberland, Frederick, Gaithersburg, Hagerstown, and Salisbury. Entitlement areas receive a direct allocation from the U.S. Department of Housing and Urban Development (HUD) and are not eligible for the State program. Overall, CDBG activities are to primarily benefit low- and moderate-income persons. FY 2017 projects will be determined based on future applications approved by DHCD.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Federal Funds	9,000	9,000	9,000	9,000	9,000	45,000
TOTAL	9,000	9,000	9,000	9,000	9,000	45,000

Community Legacy Program (Statewide) FY 2017 Total **\$6,000**

The Community Legacy Program (CL) provides funding to assist in the revitalization of neighborhoods that are at risk of physical, economic, or social deterioration but are also in the process of launching a revitalization strategy that will reposition the community for new private investment. Priority is given to communities whose residents, businesses, and institutions are committed to revitalization through demonstrated leadership and action. Funds may be used for capital improvements such as streetscape and facade improvements, recreational amenities, improvement of community gathering places, and other improvements to enhance the desirability of the community. Program recipients may be local governments, groups of local governments, and community development organizations. Funding is awarded through a competitive process. The FY 2017 projects will be determined based on future applications received by DHCD.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	6,000	6,000	6,000	6,000	6,000	30,000
TOTAL	6,000	6,000	6,000	6,000	6,000	30,000

DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

Neighborhood Business Development Program (Statewide) FY 2017 Total \$5,000

The Neighborhood Business Development Program (NBDP), operating publicly as Neighborhood BusinessWorks (NBW), provides grants and loans to fund community-based economic development activities in revitalization areas designated by local governments. The program provides gap financing to small businesses that are unable to finance 100% of a project's total costs through a traditional lender. The program leverages private and public capital by requiring a minimum 50% match from each grant or loan applicant. Borrowers must provide a 5% equity investment to receive a loan to pay for capital improvement costs or to pay for direct business functions such as working capital or capital equipment. Loan terms range from five to 15 years, and interest rates range from 4% to 6%. FY 2017 projects will be determined based on future applications received by DHCD.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	3,400	3,100	2,800	3,000	3,000	15,300
Special Funds	1,600	1,900	2,200	2,500	2,700	10,900
TOTAL	5,000	5,000	5,000	5,500	5,700	26,200

Baltimore Regional Neighborhoods Initiative (Regional) FY 2017 Total \$1,500

The Baltimore Regional Neighborhoods Initiative (BRNI) provides grants to fund comprehensive revitalization strategies to "Sustainable Community" areas in Baltimore City and Baltimore and Anne Arundel Counties. Program recipients are nonprofit community development corporations or coalitions. Eligible projects include residential and commercial projects, such as strategic property acquisition, redevelopment, rehabilitation and new infill development that build upon existing strengths and assets to achieve healthy residential markets and economic growth. FY 2017 projects will be determined based on future applications received by DHCD.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,500	-	-	-	-	1,500
TOTAL	1,500	-	-	-	-	1,500

Subtotals for Division of Neighborhood Revitalization

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	10,900	9,100	8,800	9,000	9,000	46,800
Special Funds	1,600	1,900	2,200	2,500	2,700	10,900
Federal Funds	9,000	9,000	9,000	9,000	9,000	45,000
TOTAL	21,500	20,000	20,000	20,500	20,700	102,700

DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

DIVISION OF DEVELOPMENT FINANCE

Budget Code: SA25

Rental Housing Programs (Statewide) FY 2017 Total **\$29,500**

The Rental Housing Programs provide low-interest loans or deferred-payment loans to housing developers for the financing of affordable rental housing developments. The maximum loan amount is generally \$2,000,000, with an interest rate of 0 - 4%, for as many as 40 years. The goal of the programs is to rehabilitate and create new affordable rental housing for low- and moderate-income households. FY 2017 projects will be determined on the basis of future applications received by DHCD.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	10,000	10,000	10,000	10,000	10,000	50,000
Special Funds	15,500	15,500	15,500	15,500	16,500	78,500
Federal Funds	4,000	4,000	4,000	4,000	4,000	20,000
TOTAL	29,500	29,500	29,500	29,500	30,500	148,500

Homeownership Programs (Statewide) FY 2017 Total **\$9,900**

The Homeownership Programs provide low-interest-rate mortgage loans to first-time homebuyers who lack the resources to purchase a home. The programs include the Down Payment and Settlement Expense Loan Program (DSELP) and the Maryland Home Financing Program (MHFP). DSELP provides funds for down payment and settlement expenses. MHFP, which includes the Homeownership for Individuals with Disabilities Program (HIDP), makes direct loans to households to purchase homes. MHFP funds may be blended with Community Development Administration (CDA) bond funds to maximize the use of limited State resources under MHFP. FY 2017 projects will be determined on the basis of future applications received by DHCD.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	8,500	8,500	8,500	8,500	8,500	42,500
Special Funds	1,400	1,500	1,500	1,500	2,000	7,900
TOTAL	9,900	10,000	10,000	10,000	10,500	50,400

Housing and Building Energy Programs (Statewide) FY 2017 Total **\$8,550**

The Housing and Building Energy Programs provide loans and grants to promote energy-efficient improvements for single-family and rental housing properties. Improvements are made through the renovation of existing facilities, the construction of new properties, or the installment of equipment and materials, using multiple funding sources. Programs include: EmPower Maryland Multifamily Energy Efficiency and Housing Affordability (MEEHA), the Customer Investment Fund, Energy-Efficiency Homes Construction Loan Program, the Federal HOME Investment Partnerships Program (HOME), and the Energy Efficiency Conservation Block Grant Program (BeSMART). FY 2017 projects will be determined based on future applications approved by DHCD.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,000	1,000	1,000	1,000	1,000	5,000
Special Funds	6,850	8,350	7,850	9,350	8,850	41,250
Federal Funds	700	700	700	700	700	3,500
TOTAL	8,550	10,050	9,550	11,050	10,550	49,750

DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

Partnership Rental Housing Program (Statewide)

FY 2017 Total \$6,500

The Partnership Rental Housing Program (PRHP) provides deferred-payment loans to local governments to construct or rehabilitate rental housing to be occupied by households with incomes of 50% of the statewide median income or less. The Program also enables private and non-profit borrowers to access financing for the creation of housing restricted to occupancy for persons with disabilities. Repayment is not required as long as the borrower continues to own and lease the housing to income-eligible households or persons with disabilities, as appropriate. The loan amount may not exceed the higher of: \$75,000 per unit, or the actual cost of the project (less the cost of the land). The goal of the program is to expand the supply of affordable housing for low-income households through a partnership between the State and local governments, as well as to increase housing opportunities for persons with disabilities. FY 2017 projects will be determined based on future applications received by DHCD.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	6,000	6,000	6,000	6,000	6,000	30,000
Special Funds	500	-	-	-	-	500
TOTAL	6,500	6,000	6,000	6,000	6,000	30,500

Special Loan Programs (Statewide)

FY 2017 Total \$6,400

Special Loan programs provide preferred-interest-rate loans and grants to low- and moderate-income families, sponsors of rental properties occupied by limited-income families, and nonprofit sponsors of housing facilities, including group homes. These programs include: the Federal HOME Investment Partnership Program; Maryland Housing Rehabilitation Program; Accessible Homes for Senior Homeowners Grant Program; Indoor Plumbing Program; Lead Hazard Reduction Grant and Loan Program; and the Group Home Financing Program. Funds may be used to provide loans to acquire and rehabilitate existing residential properties for group homes or shelters, to eliminate residential property health, safety and maintenance deficiencies, to make accessibility-related renovation activities for senior and disabled homeowners, and to ensure compliance with applicable housing codes and standards. The programs are designed to bring housing up to code and to remediate lead paint hazards that are present in Maryland's homes. FY 2017 projects will be determined based on future applications received by DHCD.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,100	4,600	4,000	4,000	2,500	17,200
Special Funds	2,300	2,800	3,400	3,400	3,400	15,300
Federal Funds	2,000	2,000	2,000	2,000	2,000	10,000
TOTAL	6,400	9,400	9,400	9,400	7,900	42,500

DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

MD-BRAC Preservation Loan Fund (Statewide) FY 2017 Total \$3,500

The Maryland Base Realignment and Closure Preservation (MD-BRAC) Loan Fund provides grants and loans to local governments to preserve affordable multifamily rental housing in jurisdictions affected by the federal Base Realignment and Closure (BRAC) process. The BRAC process has brought an estimated 25,000 new households to Anne Arundel, Baltimore, Cecil, Frederick, Harford, Howard, Prince George's and St. Mary's Counties. The MD-BRAC Preservation Loan Fund will leverage DHCD, federal, local, and private funds to preserve affordable rental housing by providing flexible, short-term (typically 12-48 months) loans. Special funds include grant funds and repayments of prior loans. FY 2017 projects will be determined on the basis of future applications received by DHCD.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	3,500	3,000	2,500	1,850	1,850	12,700
TOTAL	3,500	3,000	2,500	1,850	1,850	12,700

**Shelter and Transitional Housing Facilities Grant Program FY 2017 Total \$1,500
(Statewide)**

The Shelter and Transitional Housing Facilities Grant Program provides grants to local governments and nonprofit organizations in order to develop emergency shelters and transitional housing for homeless individuals and families. Grantees use the funds to acquire, design, construct, renovate, and equip projects for which loan financing is not feasible. Funding is generally limited to 50% of a project's cost. FY 2017 projects will be determined based on current and future applications received by DHCD.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,500	1,500	1,500	1,500	1,500	7,500
TOTAL	1,500	1,500	1,500	1,500	1,500	7,500

Subtotals for Division of Development Finance

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	29,100	31,600	31,000	31,000	29,500	152,200
Special Funds	30,050	31,150	30,750	31,600	32,600	156,150
Federal Funds	6,700	6,700	6,700	6,700	6,700	33,500
TOTAL	65,850	69,450	68,450	69,300	68,800	341,850

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	40,000	40,700	39,800	40,000	38,500	199,000
Special Funds	31,650	33,050	32,950	34,100	35,300	167,050
Federal Funds	15,700	15,700	15,700	15,700	15,700	78,500
TOTAL	87,350	89,450	88,450	89,800	89,500	444,550

DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

Total Program - Department of Housing and Community Development

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	40,000	40,700	39,800	40,000	38,500	199,000
Special Funds	31,650	33,050	32,950	34,100	35,300	167,050
Federal Funds	15,700	15,700	15,700	15,700	15,700	78,500
TOTAL	87,350	89,450	88,450	89,800	89,500	444,550

DEPARTMENT OF INFORMATION TECHNOLOGY

SUMMARY

The Department of Information Technology (DoIT) focuses on information technology (IT) policy and management. DoIT supports Maryland's Executive Branch agencies as the principal procurement unit for IT services and in establishing the State's strategic direction for IT and telecommunications. DoIT's goals include establishing a long-range target technology architecture, encouraging cross-agency collaboration, and advocating best practices for operations and project management. DoIT identifies and provides opportunities for State agencies to become more technologically efficient, reduce costs, maximize the State's investment in IT and telecommunication assets, and better serve the citizens of Maryland.

The current Capital Improvement Program is focused on completing the Public Safety Communications System that is designed to improve the State's safety, security, and resilience for all Maryland residents by upgrading the State's technological capabilities to communicate and coordinate inter-agency responses in the event of natural disasters, disease outbreaks, terrorist attacks, or other emergencies. The Capital Improvement Program will also enable local and State agencies to coordinate with their counterparts in surrounding states, such as Virginia and Delaware, to more effectively manage emergencies that occur near or across state boundaries.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 - FY 2020

Public Safety Communications System: Project funding was extended into fiscal years 2019 and 2020 to reflect revised schedules and to meet debt affordability ratios. 

DEPARTMENT OF INFORMATION TECHNOLOGY

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

DEPARTMENT OF INFORMATION TECHNOLOGY

Budget Code: FB04

Public Safety Communications System (Statewide) FY 2017 Total \$15,000

Construct a statewide Public Safety Communications System to provide the State with a new, modern, wireless 700-megahertz (MHz) communications system. This project will correct existing emergency communications system deficiencies by constructing new infrastructure specifically designed to meet current and future requirements of the State and participating local government agencies. This infrastructure includes: radio towers; shelters; microwave radio links; and fiber optic communications systems. The new system will provide capacity for voice and data transmission and inter-operable communication between State agencies, local government, and Federal public safety officials. The FY 2017 budget includes partial funding for construction and capital equipment for Phases Four (Western Maryland) and Five (Southern Maryland and National Capital Region).

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	154,800	15,000	24,000	17,500	10,650	-	221,950
General Funds	27,400	-	-	-	-	-	27,400
Federal Funds	400	-	-	-	-	-	400
Non-Budgeted Funds	88,497	-	-	-	-	-	88,497
TOTAL	271,097	15,000	24,000	17,500	10,650	-	338,247

<u>Use</u>							
Acquisition	125	-	-	-	-	-	125
Planning	4,251	-	-	-	-	-	4,251
Construction	133,828	11,100	24,000	17,500	10,650	-	197,078
Equipment	132,893	3,900	-	-	-	-	136,793

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	15,000	24,000	17,500	10,650	-	67,150
TOTAL	15,000	24,000	17,500	10,650	-	67,150

Total Program - Department of Information Technology

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	15,000	24,000	17,500	10,650	-	67,150

DEPARTMENT OF JUVENILE SERVICES

SUMMARY

The Department of Juvenile Services (DJS) provides individualized care and treatment to youth under the age of eighteen who: violate criminal law; are likely to violate that law; or are likely to endanger themselves or others. This responsibility is carried out through residential and non-residential care programs. DJS' agency goals include reducing violence against children, reducing recidivism among supervised and committed youth, keeping supervised and committed youth safe while holding them accountable for their actions, and promoting continuums of care for referred and delinquent youth.

Secure detention facilities hold youth who have been authorized for emergency detention by a DJS Intake Officer, or who have been accused of an offense which would be a felony if committed by an adult, and who have been ordered detained by a court. Such youth may be awaiting a delinquency hearing or trial to determine whether a delinquent act has been committed or may be awaiting appropriate disposition. Additionally, these facilities serve youth whose delinquency has been sustained and who are pending placement, i.e. awaiting transfer to a committed placement.

Secure commitment facilities hold youth who are entrusted to the Department for long-term treatment in a secure setting. Under current guidelines, only serious and/or chronic offenders are recommended for secure commitment. Secure commitment facilities are divided into hardware secure and staff secure. Hardware secure is the most restrictive setting with physical restraints on youths' movements, such as bars or locks, whereas staff secure is a less restrictive setting with staff supervision providing the primary restraint on youths' movements.

The current Capital Improvement Program seeks to promote DJS' agency goals through addressing the Agency's most pressing facilities needs, particularly the need to replace or renovate aging detention facilities. New and renovated facilities will improve youth safety and security, provide optimal space for educational and treatment services, and enhance facilities' overall atmosphere. These facility upgrades should help to improve youth treatment outcomes and drive down recidivism rates. Most of the projects included in the Capital Improvement Program will replace facilities that are among the oldest facilities DJS currently operates. The New Female Detention Center will replace the Thomas J. S. Waxter Children's Center, constructed in 1963. The New Charles H. Hickey, Jr. School Detention Center will replace a variety of buildings on the Hickey campus that were constructed in the 1950s. The Meadow Mountain Youth Center project will similarly replace buildings constructed in the 1950s. Periodic renovations have kept these facilities in working condition but cannot correct the most significant structural issues. Providing optimal service and security at these facilities requires drastic spatial and design changes that can only feasibly be achieved through new construction. Facilities included in the Capital Improvement Program include secure detention facilities and one secure commitment facility.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

None

Deletions:

Cheltenham Youth Facility - New Treatment Center (P): This project has been deleted because current population trends do not indicate the need for more hardware secure treatment beds.

DEPARTMENT OF JUVENILE SERVICES

Changes to FY 2018 - FY 2020

Eastern Shore Treatment Center: This project has been deleted because current population trends do not indicate the need for more hardware secure treatment beds.

Baltimore Regional Treatment Center: This project has been deleted because current population trends do not indicate the need for more hardware secure treatment beds.

DEPARTMENT OF JUVENILE SERVICES

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

RESIDENTIAL SERVICES

Budget Code: VE01

New Female Detention Center (Carroll) FY 2017 Total \$15,168

Construct a new 53,500 NASF/96,800 GSF 48-bed detention center on the grounds of the Thomas O'Farrell Center, located in Carroll County. This facility will serve female youth who require detention pending a court disposition or post-adjudication placement. The new facility will consolidate female detention services from the Alfred D. Noyes Children's Center in Montgomery County and Thomas J.S. Waxter Center in Anne Arundel County. Those facilities have severe programmatic and security deficiencies and renovation would not be economical. The new detention center will include space for youth housing, health, food service, education, and recreation. This project will include demolition of five existing buildings on the grounds of the Thomas O'Farrell Center. Design and construction of water and sewer utilities will be provided by the Maryland Environmental Service (MES) through separate MES contracts. Acquisition funds are included in FY 2017 to enable the Department of General Services to obtain right-of-way easements if required, to connect water and sewer utilities to this project site. The FY 2017 budget includes funding to complete design, continue easement acquisition, and begin construction.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	5,025	15,168	29,178	16,059	-	-	65,430
TOTAL	5,025	15,168	29,178	16,059	-	-	65,430

Use

Acquisition	25	125	-	-	-	-	150
Planning	5,000	664	-	-	-	-	5,664
Construction	-	14,379	28,758	14,379	-	-	57,516
Equipment	-	-	420	1,680	-	-	2,100

**Baltimore City Juvenile Justice Center - Education Expansion
(Baltimore City)**

Construct a three-story building to provide space to expand the existing Baltimore City Juvenile Justice Center's (BCJJC) educational programming, administrative support, and to remedy other space limitations in the BCJJC. This project will correct current deficiencies with the facility's educational space that is too small and inadequately designed to comply with Maryland State Department of Education regulations. The new facility will include space for instructional purposes as well as for certain educational support functions. The project will also include a Pedestrian Bridge linking the Main Building and the education expansion at the second level.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	572	699	7,861	7,967	17,099
TOTAL	-	-	572	699	7,861	7,967	17,099

Use

Planning	-	-	572	699	304	-	1,575
Construction	-	-	-	-	7,421	7,421	14,842
Equipment	-	-	-	-	136	546	682

DEPARTMENT OF JUVENILE SERVICES

Meadow Mountain Youth Center (Garrett)

Construct two new buildings on the Meadow Mountain Youth Center Campus to replace the existing dormitory, administration, school, health and facilities maintenance buildings. The Meadow Mountain Youth Center serves 48 male youth from all jurisdictions in Maryland, whom the courts have committed to DJS for residential substance abuse treatment. The existing facilities have serious building systems and space configuration problems that hinder security and programmatic capacity. The two new buildings will include the Combined Services Building (CSB) which will combine housing, behavioral health, visitation, staff training and education services into one building and the Facilities Maintenance Building that will serve all four youth centers in Western Maryland. A Pedestrian Walkway will connect the CSB to the Gymnasium. The estimated cost of this project totals \$38,461,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	-	1,287	1,573	2,860
TOTAL	-	-	-	-	1,287	1,573	2,860
<u>Use</u>							
Planning	-	-	-	-	1,287	1,573	2,860

Charles H. Hickey Jr. School - New Detention Center (Baltimore Co.)

Construct a new detention center on the grounds of the Charles H. Hickey Jr. School to serve male youth as well as youth charged as adults. This facility will replace obsolete detention buildings currently located on the Fletcher Campus, suffering from serious building system and spatial configuration problems. These problems hinder the security and programming capacity of the current facility. The New Detention Center will be located on the Charles H. Hickey Jr. School's Pratt Campus, which is currently unused. The New Detention Center will include space for housing, dietary services, education, somatic and behavioral health, indoor and outdoor recreation, visitation, staff training, administration, and general support functions. The estimated cost of this project totals \$98,338,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	-	-	3,294	3,294
TOTAL	-	-	-	-	-	3,294	3,294
<u>Use</u>							
Planning	-	-	-	-	-	3,294	3,294

Subtotals for Residential Services

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	15,168	29,750	16,758	9,148	12,834	83,658
TOTAL	15,168	29,750	16,758	9,148	12,834	83,658

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	15,168	29,750	16,758	9,148	12,834	83,658
TOTAL	15,168	29,750	16,758	9,148	12,834	83,658

DEPARTMENT OF JUVENILE SERVICES

Total Program - Department of Juvenile Services

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	15,168	29,750	16,758	9,148	12,834	83,658



MILITARY DEPARTMENT

SUMMARY

The Military Department oversees the operations of the Maryland Army and Air National Guard. The Department has a three-part mission:

Federal Mission: To protect and defend the national security interests of the United States of America by supporting active military forces.

State Mission: To protect the life and property of Maryland citizens and to preserve peace and public safety during natural disasters and periods of civil unrest.

Local Mission: To add value to local communities by providing highly trained and skilled citizen soldiers whose skills and discipline are often applicable at the job site and thereby benefit employers and civic organizations.

To support the operations and training of its more than 5,000 reservists, the Department operates and owns thirty-nine Readiness Centers, three Army Aviation Support Facilities, four Military Training Reservations, nine Surface Equipment Maintenance Facilities and one Airbase.

The Department also oversees the Maryland Emergency Management Agency (MEMA), which has the primary responsibility and authority for the planning and execution of disaster and emergency preparedness, mitigation, response, and recovery. This responsibility includes coordination of responses between state agencies and civic entities, the federal government, other states, and private agencies involved in emergency services. MEMA Headquarters is currently located on the Camp Fretterd Military Reservation near Reisterstown in Baltimore County.

The FY 2017 - FY 2021 Capital Improvement Program includes funding for three replacement Readiness Centers: Havre de Grace Readiness Center, Easton Readiness Center and a new Central Readiness Center, the Freedom Readiness Center. Additionally, funds are provided to construct a new Combined Support Maintenance Shop (CSMS) for Automotive Services and for Surface Equipment Maintenance in Havre de Grace and to expand MEMA Headquarters at Camp Fretterd. Capital improvement costs, with the exception of MEMA, are shared with the federal government. Although the State's share of capital construction costs varies depending on the project, the cost of new facilities is typically shared 75% federal/25% State for eligible project costs. Projects involving additions or alterations, which result from changed mission requirements, are generally 100% financed by the federal government.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

None

Deletions:

Freedom Readiness Center (C): The largest share of federal construction funding for this project was deferred from FY 2017 to FY 2018. The change reflects the current construction schedule for this project.

Easton Readiness Center (C): The State construction share of this project was deferred from FY 2017 to FY 2018 to reflect the construction schedule and anticipated cash flow for this project.

MILITARY DEPARTMENT

Havre de Grace Combined Support Maintenance Shop (CSMS) Automotive Maintenance Facility (PCE): Funding for this project has been deferred from FY 2017 to FY 2018 and FY 2019 to reflect the project schedule.

Changes to FY 2018- FY 2020

Havre de Grace CSMS Surface Equipment Maintenance Facility: Funding for this project has been included in FY 2019 and FY 2021 due to the availability of federal funds. This project will construct a replacement facility for surface equipment maintenance in Havre de Grace. The existing facility suffers from insufficient space, improperly configured space, and failing building systems.



MILITARY DEPARTMENT

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

MILITARY DEPARTMENT

Budget Code: DH0104

Havre de Grace Readiness Center (Harford) FY 2017 Total \$6,273

Construct a new 48,150 NSF/60,313 GSF Maryland Army National Guard Readiness Center in Havre de Grace. The new Havre de Grace Readiness Center will contain unit administrative offices, equipment storage areas, locker rooms, toilet/shower facilities, classrooms, soldier training areas, an assembly hall, and other support spaces constructed to the current, modern Readiness Center standards. The new Readiness Center will replace the existing facility which suffers from insufficient and functionally inadequate space. The current facility was built in 1924 as a clubhouse and hotel for a horse racing track. The current facility is undersized for the two units it houses, and it is in poor condition with major building systems failing. The FY 2017 budget includes funds to complete the construction and equip the new Readiness Center.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	625	4,115	-	-	-	-	4,740
Federal Funds	12,400	2,158	-	-	-	-	14,558
TOTAL	13,025	6,273	-	-	-	-	19,298

Use

Planning	1,150	-	-	-	-	-	1,150
Construction	11,875	5,102	-	-	-	-	16,977
Equipment	-	1,171	-	-	-	-	1,171

Freedom Readiness Center (Carroll) FY 2017 Total \$2,171

Construct a new 45,671 NSF/65,627 GSF Army National Guard Readiness Center in central Maryland. The prospective facility will contain functional spaces to meet all requirements for two National Guard units, including unit administrative offices, equipment storage areas, locker rooms, toilet/shower facilities, classrooms, soldier training areas, an assembly hall, and other support spaces. The new Freedom Readiness Center will replace two insufficient and functionally inadequate facilities in Ellicott City and Catonsville. The FY 2017 budget includes funds to complete the design of the new facility and begin construction.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,300	-	-	3,200	2,459	-	6,959
Federal Funds	-	2,171	18,705	1,517	-	-	22,393
TOTAL	1,300	2,171	18,705	4,717	2,459	-	29,352

Use

Planning	1,300	775	-	-	-	-	2,075
Construction	-	1,396	18,705	3,200	2,459	-	25,760
Equipment	-	-	-	1,517	-	-	1,517

MILITARY DEPARTMENT

Easton Readiness Center (Talbot)

Construct a new Army National Guard Readiness Center in Easton to replace insufficient and functionally inadequate space in the current facility. The new facility will contain unit administrative offices, equipment storage areas, locker rooms, toilet/shower facilities, classrooms, soldier training areas, an assembly hall, and other support spaces constructed to the current, modern Readiness Center standards. The current facility was built in 1976 for an all-male, small National Guard Company. The facility now houses two units; both units contain a significant number of positions open to females. The current facility provides less than 50 percent of the required gross square feet and far less in specific categories. The facility is in poor condition with major building systems failing.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	4,403	-	-	-	4,403
Federal Funds	13,800	-	1,195	-	-	-	14,995
TOTAL	13,800	-	5,598	-	-	-	19,398

<u>Use</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Planning	1,382	-	-	-	-	-	1,382
Construction	12,418	-	4,403	-	-	-	16,821
Equipment	-	-	1,195	-	-	-	1,195

Havre de Grace CSMS Automotive Maintenance Facility (Harford)

Design and construct a new 22,356 NSF/29,668 GSF Army National Guard Automotive Maintenance Facility within the Combined Support Maintenance Shop (CSMS) Complex at Havre de Grace Readiness Center. The new facility will replace the existing obsolete, undersized, and functionally inadequate facility. The prospective facility will contain functional spaces to meet all requirements for sustainment level automotive maintenance functions, including general purpose maintenance bays, painting and other specialty work bays, storage areas, maintenance administrative areas, and other staff support spaces.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	1,645	1,000	-	-	2,645
Federal Funds	8,000	-	1,829	-	-	-	9,829
TOTAL	8,000	-	3,474	1,000	-	-	12,474

<u>Use</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Planning	600	-	-	-	-	-	600
Construction	7,400	-	1,645	1,000	-	-	10,045
Equipment	-	-	1,829	-	-	-	1,829

MILITARY DEPARTMENT

Havre de Grace CSMS Surface Equipment Maintenance Facility (Harford)

Design and construct a new Army National Guard Surface Equipment Maintenance Facility. The facility will be located within the Combined Support Maintenance Shop (CSMS) Complex at the Havre de Grace State Military Reservation. The prospective facility will contain functional spaces to meet all requirements for sustainment level maintenance operations and state-level maintenance management. The facility will perform maintenance on Army National Guard surface equipment. The facility will replace the existing obsolete, undersized, and functionally inadequate facility. This facility was selected for federal military construction funding and will be funded with a 75 percent federal and 25 percent state cost share. The total estimated cost of this project is \$23,678,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	384	-	-	384
Federal Funds	-	-	-	1,153	-	15,000	16,153
TOTAL	-	-	-	1,537	-	15,000	16,537
<u>Use</u>							
Planning	-	-	-	1,537	-	-	1,537
Construction	-	-	-	-	-	15,000	15,000

MILITARY DEPARTMENT

MARYLAND EMERGENCY MANAGEMENT AGENCY

Budget Code: DH0106

Maryland Emergency Management Agency Headquarters

Renovation and Expansion (Baltimore Co.)

Renovate and expand the Maryland Emergency Management Agency (MEMA) Headquarters at Camp Fretterd Military Reservation. The planned renovation and expansion will capitalize on the recently renovated State Emergency Operations Center (SEOC), providing increased office and conference space, training and classroom facilities, adequate technical support space, storage space, and improved restroom and break/sleeping facilities. This project will address problems of inadequate space and improperly configured space in the facility, and enable the MEMA to accommodate current and projected personnel, equipment, programs, activities, and support services. The existing facility cannot adequately accommodate Agency staff and operations. The building was originally designed in the mid-1990s to accommodate a staff of 39. Since 2001, staff has more than doubled. The facility is used more frequently, and by significantly more staff and interagency partners and stakeholders, than was envisioned when it was designed. Once completed, the renovated and enhanced facility will enable the MEMA to more efficiently respond to emergency events.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	887	6,221	5,842	12,950
TOTAL	-	-	-	887	6,221	5,842	12,950

Use

Planning	-	-	-	887	255	-	1,142
Construction	-	-	-	-	5,491	5,490	10,981
Equipment	-	-	-	-	475	352	827

Subtotals for Maryland Emergency Management Agency

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	887	6,221	5,842	12,950
TOTAL	-	-	887	6,221	5,842	12,950

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	4,115	6,048	5,471	8,680	5,842	30,156
Federal Funds	4,329	21,729	2,670	-	15,000	43,728
TOTAL	8,444	27,777	8,141	8,680	20,842	73,884

Total Program - Military Department

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	4,115	6,048	5,471	8,680	5,842	30,156
Federal Funds	4,329	21,729	2,670	-	15,000	43,728
TOTAL	8,444	27,777	8,141	8,680	20,842	73,884

MORGAN STATE UNIVERSITY

SUMMARY

Morgan State University is one of Maryland's oldest historically African-American institutions. Located in Baltimore City, its mission is to provide quality teaching, research, and service to the citizens of the State, with a special emphasis on meeting the needs of the culturally diverse and multi-racial populations found in urban centers at the local, state, and national levels. As part of the Higher Education Reorganization Act of 1988, Morgan was given independent doctorate granting authority.

The FY 2017 - FY 2021 Capital Improvement Program provides funding for: new academic space for current and future undergraduates; demolition of an aging building; and new student support space.

The projects in the Capital Improvement Program are intended to allow the University to achieve its institutional priorities of integrating modern instructional technology into its academic programs, providing specialized learning environments for certain disciplines, and expanding its research activities.

The Capital Improvement Program includes funding for the New Jenkins Behavioral and Social Sciences Center and the New Student Services Support Building. Funding is also provided to demolish the old Jenkins building, which is in poor condition. The McMechen Surge project has been removed from the Capital Improvement Plan as requested by the University.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions

None

Deletions

McMechen Surge (P): This project has been removed from the Capital Improvement Program by request of the University.

New Student Services Support Building (P): Design funding has been deferred from FY 2017 to FY 2018 in order to remain within debt affordability ratios.

Changes to FY 2018 - FY 2020

None

MORGAN STATE UNIVERSITY

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

MORGAN STATE UNIVERSITY

Budget Code: RM00

New Behavioral and Social Sciences Center (Baltimore City) FY 2017 Total \$35,700

Construct a new 74,462 NASF/148,229 GSF building to house the Behavioral and Social Sciences on the West Campus. The proposed facility will replace the existing Jenkins Behavioral and Social Sciences Building, which will be demolished. Constructed in 1974, the Jenkins Building is in poor condition. Existing instructional spaces are functionally inadequate, building systems have exceeded their useful lives and are failing, and there is insufficient instructional space. The new building will provide classrooms, labs, and research space needed to support the Behavioral and Social Sciences. The FY 2017 budget includes funding to continue construction and equip the building.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	40,704	35,700	2,800	-	-	-	79,204
Non-Budgeted Funds	-	200	-	-	-	-	200
TOTAL	40,704	35,900	2,800	-	-	-	79,404

Use

Planning	6,212	-	-	-	-	-	6,212
Construction	33,542	28,550	1,600	-	-	-	63,692
Equipment	950	7,350	1,200	-	-	-	9,500

New Student Services Support Building (Baltimore City)

Construct a new 75,945 NASF/138,220 GSF building to house student support and administrative functions. Most of the functions to be located in this facility are student support services currently housed in the Montebello Complex on the southern edge of campus. Montebello was originally designed as a hospital and is not suitable for long term use by the University. The building is in poor condition and is functionally inadequate for student support services. The proposed facility will be constructed on the site of the old Soper Library which was demolished. Situated on the corner of Cold Spring Lane and Hillen Road, it is centrally located on campus, providing easier access for students and visitors. The new building will provide office facilities, training rooms, meeting rooms, central service facilities, and lounge space. The project has been revised to include the Office of Information Technology, currently located in the Carter Grant Wilson building, as well as several small spaces such as a break room to meet the needs of the building's occupants. With the removal of Business Auxiliary Services and Telecommunication Services that were initially planned for the project, the net addition of space is 4,350 NASF/8,220 GSF.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,600	-	1,297	3,541	39,136	37,521	83,095
TOTAL	1,600	-	1,297	3,541	39,136	37,521	83,095

Use

Planning	1,600	-	1,297	3,541	1,615	-	8,053
Construction	-	-	-	-	34,021	34,021	68,042
Equipment	-	-	-	-	3,500	3,500	7,000

MORGAN STATE UNIVERSITY

Jenkins Demolition (Baltimore City)

Demolish the Jenkins Behavioral and Social Sciences Building. Jenkins was constructed in 1974 and has not had any significant renewal since the original construction. The building is in poor condition. The existing building systems are unreliable and frequent system failures result in service disruptions. The existing instructional spaces are functionally inadequate and there is insufficient instructional space. The project includes demolition of the building, removal of debris, and site work. A replacement facility to house the Behavioral and Social Sciences will be constructed on the West Campus.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	245	3,142	-	3,387
TOTAL	-	-	-	245	3,142	-	3,387
Use							
Planning	-	-	-	245	54	-	299
Construction	-	-	-	-	3,088	-	3,088

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	35,700	4,097	3,786	42,278	37,521	123,382
TOTAL	35,700	4,097	3,786	42,278	37,521	123,382

Total Program - Morgan State University

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	35,700	4,097	3,786	42,278	37,521	123,382
TOTAL	35,700	4,097	3,786	42,278	37,521	123,382

DEPARTMENT OF NATURAL RESOURCES

SUMMARY

The Department of Natural Resources (DNR) manages the protection, enhancement, and balanced use of the State's natural resources for the wise use and enjoyment of all Maryland citizens. To accomplish this mission, the Department is organized into units, two of which, Land Resources and Aquatic Resources, submit capital programs.

The Capital Improvement Program reflects two goals: resource conservation and recreational development. The programs supporting these goals include Program Open Space, the Rural Legacy Program, Community Parks and Playgrounds, the Waterway Improvement Program, and the Ocean City Beach Replenishment Fund. The Department also administers capital improvements and maintenance on over 480,995 acres of public land operated by the Maryland Park Service, the Maryland Forest Service, the Wildlife Service and the Fisheries Service. Funding primarily consists of special fund revenues from the State's property transfer tax and the Waterway Improvement Fund. In FY 2016 - FY 2018, some special funds are transferred to the General Fund to provide operating budget relief.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 - FY 2020

None



DEPARTMENT OF NATURAL RESOURCES

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

CAPITAL GRANTS AND LOANS ADMINISTRATION

Budget Code: KA0510

Critical Maintenance Program (Statewide) FY 2017 Total **\$6,001**

Construct critical maintenance projects including structural repairs to buildings, bridge repairs, culvert replacements, HVAC and electrical repairs, well and septic system replacement, and road and site repairs. The program is intended to address planned maintenance and repair projects at public use facilities. The FY 2017 budget includes funding for 60 listed critical maintenance projects, and 3 statewide critical maintenance categories.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	6,001	6,001	4,000	4,000	4,000	24,002
TOTAL	6,001	6,001	4,000	4,000	4,000	24,002

Critical Maintenance Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	Dan's Mountain State Park - Pool Fence Replacement	33	-	33 C	-	100%
Allegany	Dan's Mountain State Park - Renovate Pool Building	300	-	300 C	-	100%
Allegany	Green Ridge State Forest - Twigg Road Repairs	171	-	171 C	-	100%
Allegany	Rocky Gap State Park - Exterior Door Replacement - Concession, Ranger Station and Bath House	40	-	40 C	-	100%
Allegany	Rocky Gap State Park - Interior Renovations to Easter Hill Chalet	300	-	300 C	-	100%
Allegany	Rocky Gap State Park - Renovate 3 Comfort Stations in Day-Use Area	150	-	150 C	-	100%
Anne Arundel	Pasadena Forestry Work Center - Replace Roof	15	-	15 C	-	100%
Anne Arundel	Sandy Point State Park - Re-roof Headquarters	40	-	40 C	-	100%
Anne Arundel	Sandy Point State Park - Replace Sewer Line - East Beach to Main	35	-	35 C	-	100%
Baltimore City	Kenneth Weaver Building - Exit Sign Replacement	10	-	10 C	-	100%

DEPARTMENT OF NATURAL RESOURCES

Baltimore City	Kenneth Weaver Building - Install Fire Protection in Archive Room	22	-	22 C	-	100%
Baltimore City	Kenneth Weaver Building - Replace Building Automated Alarm System	83	-	83 C	-	100%
Baltimore City	Kenneth Weaver Building - Replace Circulation Pump, Backflow Prevention and Sump Pump	8	-	8 C	-	100%
Baltimore Co.	Gunpowder Falls State Park - Bunker Hill Road Resurfacing	86	-	86 C	-	100%
Baltimore Co.	Gunpowder Falls State Park - Re-roof Pavilions - Hammerman Area	42	-	42 C	-	100%
Baltimore Co.	Gunpowder Falls State Park - Repair Roof and Gutters - Monkton Train Station	22	-	22 C	-	100%
Baltimore Co.	Gunpowder Falls State Park - Replace Shop Fence at the Hammerman Area	9	-	9 C	-	100%
Baltimore Co.	Patapsco Valley State Park - Renovate Hilton Campground Shower Building	250	-	250 C	-	100%
Caroline	Martinak State Park - Renovate Two Shower Buildings	520	-	520 C	-	100%
Cecil	Elk Neck State Park - Exterior Door Replacement - Stonney Point Beachhouse	52	-	52 C	-	100%
Cecil	Elk Neck State Park - Patch North East Beach Road and Office Entrance Road	70	-	70 C	-	100%
Cecil	Elk Neck State Park - Patching of Park Roads	40	-	40 C	-	100%
Cecil	Fair Hill Natural Resources Management Area - Slate Roof Replacement - Nature Center	60	-	60 C	-	100%
Charles	Chapman State Park - Re-roof Mt. Aventine Office Roof	10	-	10 C	-	100%
Charles	Chapman State Park - Replace Septic Tank and Drain Field	25	-	25 C	-	100%

DEPARTMENT OF NATURAL RESOURCES

Charles	Doncaster State Forest - Doncaster Emergency Culvert Replacement	35	-	35 C	-	100%
Charles	Doncaster State Forest - Garage Renovation Red Barn	10	-	10 C	-	100%
Dorchester	Church Creek Forestry Work Center- Tower Removal	30	-	30 C	-	100%
Frederick	Deep Creek Lake State Park - Replace Roof Comfort Station No. 2	10	-	10 C	-	100%
Frederick	Lewistown Hatchery - Exterior Renovations	20	-	20 C	-	100%
Garrett	Deep Creek Lake State Park - Install Automatic Handicap Accessible Doors	40	-	40 C	-	100%
Garrett	Deep Creek Lake State Park - Re-roof Campground Shower Building No. 1	20	-	20 C	-	100%
Garrett	Deep Creek Lake State Park - Renovate Deck	50	-	50 C	-	100%
Garrett	Deep Creek Lake State Park - Resurface Road and Parking Lots at Discovery Center	64	-	64 C	-	100%
Garrett	Herrington Manor State Park - Replace Water Line	100	-	100 C	-	100%
Garrett	New Germany State Park - Nature Center Exterior Renovations	27	-	27 C	-	100%
Garrett	New Germany State Park - Trail Bridge Repairs	100	-	100 C	-	100%
Harford	Fair Hill Natural Resources Management Area - Re-roof Race Track Storage Barn	17	-	17 C	-	100%
Harford	Fair Hill Natural Resources Management Area - Repairs to Grand Stands and Press Box	150	-	150 C	-	100%
Harford	Rocks State Park - Re-roof Hills Grove Pavilion	21	-	21 C	-	100%
Harford	Susquehanna State Park - Electrical Re-wiring of Mansion, Toll House and Mill	65	-	65 C	-	100%
Kent	Knocks Folly - Porch Renovation and Exterior Time Repairs	90	-	90 C	-	100%

DEPARTMENT OF NATURAL RESOURCES

Kent	Unicorn Hatchery - Replace HVAC System - Office	8	-	8 C	-	100%
Montgomery	Seneca State Park - Re-roof Pavilions and Comfort Station	50	-	50 C	-	100%
Prince George's	Cedarville State Forest - Renovate Two Campground Bathhouses	500	-	500 C	-	100%
Prince George's	Cedarville State Forest - Security Fence Replacement	20	-	20 C	-	100%
Somerset	Green Hill Forestry Work Center - Tower Removal	30	-	30 C	-	100%
Somerset	Janes Island State Park - Conference Center Fire Suppression Installation	90	-	90 C	-	100%
Somerset	Janes Island State Park - Renovate Shower Building A	260	-	260 C	-	100%
Somerset	Janes Island State Park - RV and Trailer Dump Station Replacement	80	-	80 C	-	100%
St. Mary's	Greenwell State Park - Renovate Pavilion Restroom	95	-	95 C	-	100%
St. Mary's	Greenwell State Park - Waterline and Well Pump Replacement	75	-	75 C	-	100%
Washington	Fort Frederick State Park - Renovate Civilian Conservation Corps Pavilion	40	-	40 C	-	100%
Washington	Greenbrier State Park - Day Use Bathhouse Renovations	450	-	450 C	-	100%
Washington	Greenbrier State Park - Replace Campground Waterline	27	-	27 C	-	100%
Wicomico	Powellville Forestry Work Center - Demolition of Fire Tower and Building	30	-	30 C	-	100%
Worcester	Assateague State Park - Dune Maintenance	50	-	50 C	-	100%
Worcester	Assateague State Park - Replace Concession Alarm System	20	-	20 C	-	100%
Worcester	Assateague State Park - Replace Decking and Railings - Day Use Area	95	-	95 C	-	100%
Worcester	Pocomoke River State Park - Renovate Shower Buildings Phase II (2 buildings)	500	-	500 C	-	100%

DEPARTMENT OF NATURAL RESOURCES

Statewide	Statewide - Bridge Inspections and Repairs	75	-	75 C	-	100%
Statewide	Statewide - Contingencies	14	-	14 C	-	100%
Statewide	Statewide - Housing Assessment Program	150	-	150 C	-	100%
Statewide	Statewide - Razings	100	-	100 C	-	100%
TOTAL		6,001	-	6,001	-	

DEPARTMENT OF NATURAL RESOURCES

Natural Resources Development Fund (Statewide)

FY 2017 Total \$3,062

Provide funds to design and construct development projects on DNR property. Typical projects include bathhouse and pavilion construction; road, parking, and trail improvements; and general park improvements. Funds for this program are derived from State transfer tax revenues allocated to DNR. In addition, State general obligation bonds are also used to fund capital development projects. The FY 2017 budget includes funding for 8 projects in 7 subdivisions.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	1,985	-	-	-	1,985
Special Funds	3,062	8,069	13,898	9,000	9,000	43,029
TOTAL	3,062	10,054	13,898	9,000	9,000	45,014

Natural Resources Development Fund Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	Rocky Gap State Park Parking Lot Improvements	3,700	195 P	101 P	3,404 C	100%
Calvert	Southern Maryland Multi-Purpose Center	5,700	-	205 P	4,495 PCE	100%
Carroll	Patapsco Valley State Park Trail Bridge	700	-	700 PC	-	100%
Cecil	Fair Hill Natural Resources Management Area - Campground Improvements	1,550	-	185 P	1,365 C	100%
Somerset	Wellington Wildlife Management Area Building Renovation	3,481	2,331 PC	1,150 CE	-	100%
St. Mary's	Point Lookout State Park Charge Collection Station	975	723 PC	252 C	-	100%
St. Mary's	Point Lookout State Park Water System Infrastructure Improvements	2,257	127 P	241 P	1,889 C	100%
Washington	Albert Powell Fish Hatchery Upgrades	5,350	-	228 P	5,122 PCE	100%
TOTAL		23,713	3,376	3,062	16,275	

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	1,985	-	-	-	1,985
Special Funds	9,063	14,070	17,898	13,000	13,000	67,031
TOTAL	9,063	16,055	17,898	13,000	13,000	69,016

DEPARTMENT OF NATURAL RESOURCES

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

Program Open Space (Statewide) FY 2017 Total \$46,809

Maryland's Program Open Space (POS) provides up to 100% of the cost for the acquisition of open space and recreation areas throughout the State and up to 90% of the cost for the development of local outdoor recreational areas. Funding for Program Open Space typically comes from the collection of a 0.5% State property transfer tax. This direct correlation between development pressures and available funding for open space and recreational facilities is a key factor for the Program's success. However, State General Obligation bonds have more recently been used to finance fee simple and easement purchases, and capital development projects. Established in 1969 as the Outdoor Recreational Land Loan, Program Open Space has conserved approximately 371,000 acres in State and local parkland and assisted with more than 5,800 local park projects. Funding provided in FY 2017 for State land acquisition could preserve approximately 3,467 acres.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	41,059	49,293	87,338	97,953	101,789	377,432
Federal Funds	5,750	3,000	3,000	3,000	3,000	17,750
TOTAL	46,809	52,293	90,338	100,953	104,789	395,182

Program Open Space Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Baltimore City	Baltimore City Direct Grant - Special Funds	3,000	1,500	1,500 C	-	100%
Baltimore City	Eager Park	4,000	-	4,000 PCE	-	100%
Statewide	Program Open Space - Federal Funds	8,750	3,000 A	5,750 A	-	100%
Statewide	Program Open Space - Local - Acquisition and Development Projects	51,826	30,135 APC	21,691 APC	-	100%
Statewide	Program Open Space - Stateside - Land Acquisitions	35,471	21,603 A	13,868 A	-	100%
TOTAL		103,047	56,238	46,809	-	

DEPARTMENT OF NATURAL RESOURCES

Rural Legacy Program (Statewide)

FY 2017 Total \$17,663

The Rural Legacy Program provides targeted funding for the preservation of the natural resources and resource-based economies of Maryland through the purchase of conservation easements and fee simple acquisition of land located in designated protection areas. These areas include prime agricultural and forest lands, wildlife habitats, cultural resources that, if conserved, will promote resource-based economies and maintain the fabric of rural life. As of August 2015, the Rural Legacy Program has preserved 83,345 acres. The FY 2017 budget includes funding to preserve approximately 5,046 acres.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	5,000	5,000	5,000	5,000	5,000	25,000
Special Funds	12,663	17,076	17,845	18,244	18,631	84,459
TOTAL	17,663	22,076	22,845	23,244	23,631	109,459



DEPARTMENT OF NATURAL RESOURCES

Community Parks and Playgrounds (Statewide) FY 2017 Total \$2,500

This program provides funding for the restoration of existing and the creation of new park and green systems in Maryland's cities and towns. The program will provide flexible grants to local governments to respond to the unmet need for assistance to rehabilitate, expand or improve existing parks, create new parks, or purchase and install playground equipment in older neighborhoods and intensely developed areas throughout the State. The FY 2017 budget includes funding for 24 projects in 14 subdivisions.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,500	2,500	2,500	2,500	2,500	12,500
TOTAL	2,500	2,500	2,500	2,500	2,500	12,500

Community Parks and Playgrounds Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	Barton Little League Field Concession Stand Restrooms	62	-	62 PC	-	100%
Baltimore City	Clifton Park Playground	190	-	190 PC	-	100%
Baltimore City	Collington Square Park Improvements	180	-	180 PC	-	100%
Caroline	Federalsburg ADA Canoe and Kayak Floating Pier	26	-	26 PC	-	100%
Caroline	James T. Wright Park - Exercise Stations	52	-	52 PC	-	100%
Caroline	James T. Wright Park - New Playground Equipment	23	-	23 PC	-	100%
Caroline	Sharp Road Community Park	198	-	198 PC	-	100%
Cecil	Helen Titter Park - Comfort Station and Parking	101	-	101 PC	-	100%
Cecil	North East Community Park - Playground Equipment	8	-	8 PC	-	100%
Dorchester	Cattail Crossing Community Playground	191	-	191 PC	-	100%
Frederick	Emmitsburg Community Pool Renovations	217	-	217 PC	-	100%
Frederick	Harp Field Tot Lot and Hard Courts	45	-	45 PC	-	100%
Garrett	Harrison Hanlin Children's Park Improvement	93	-	93 PC	-	100%
Kent	Galena Elementary School Walking Path	80	-	80 PC	-	100%
Prince George's	District Heights Sports Complex Upgrades	167	-	167 PC	-	100%

DEPARTMENT OF NATURAL RESOURCES

Prince George's	London Woods - Basketball and Tennis Court Rehabilitation	96	-	96 PC	-	100%
Prince George's	Newton Street Park Children's Playground Area	97	-	97 PC	-	100%
Queen Anne's	Little Queenstown Creek Boardwalk and Kayak Launch	120	-	120 PC	-	100%
St. Mary's	Fireman's Park and Heritage Museum	125	-	125 PC	-	100%
Talbot	Nace's Park	106	-	106 PC	-	100%
Talbot	Oxford Causeway Park Tennis Courts	50	-	50 PC	-	100%
Washington	Shafer Park - Restroom Renovation	55	-	55 PC	-	100%
Worcester	Henry Park Restrooms	96	-	96 PC	-	100%
Worcester	Ocean City Boardwalk Playground	121	-	121 PC	-	100%
TOTAL		2,499	-	2,500	-	

Ocean City Beach Replenishment Fund (Worcester) FY 2017 Total \$1,000

This program was established to provide for the continued maintenance of the restored beach at Ocean City. Maintenance activities include yearly monitoring and periodic beach nourishment, which is cost-shared at a 53% federal and 47% non-federal ratio, and annual maintenance, which is solely the responsibility of the State and local governments. The total average yearly non-federal cost is \$2,000,000, which is shared 50% State, 25% Worcester County, and 25% Town of Ocean City. The FY 2017 budget includes \$1,000,000 to the Ocean City Beach Replenishment Fund for maintenance activities.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	1,000	2,000	1,000	-	2,000	6,000
TOTAL	1,000	2,000	1,000	-	2,000	6,000

Subtotals for Capital Grants and Loans Administration

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	7,500	7,500	7,500	7,500	7,500	37,500
Special Funds	54,722	68,369	106,183	116,197	122,420	467,891
Federal Funds	5,750	3,000	3,000	3,000	3,000	17,750
TOTAL	67,972	78,869	116,683	126,697	132,920	523,141

DEPARTMENT OF NATURAL RESOURCES

BOATING SERVICES

Budget Code: KA1102

Waterway Improvement Capital Projects (Statewide) FY 2017 Total \$12,600

This program provides funds to local jurisdictions to finance projects which expand and improve recreational boating throughout the State consistent with the State Boat Act. The funds appropriated for this purpose are administered in accordance with Sections 8-707 through 8-709 of the Natural Resources Article. Financial support for the Fund comes primarily from a 5% excise tax on the sale of motorized vessels within the State. During the 2013 legislative session, the General Assembly passed SB 90 which required 0.5% of the motor fuel tax to be distributed to the Waterway Improvement Fund beginning July 1, 2013. The FY 2017 budget includes funding for 61 projects throughout the State.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	10,500	10,500	10,500	10,500	10,500	52,500
Federal Funds	2,100	600	600	600	600	4,500
TOTAL	12,600	11,100	11,100	11,100	11,100	57,000

Waterway Improvement Capital Projects Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	Rocky Gap State Park - Floating Dock Replacement and Redecking Improvements	150	-	150 C	-	100%
Anne Arundel	City of Annapolis - Citywide Harbor Improvements	99	-	99 C	-	100%
Anne Arundel	Cockey Creek - Main Channel Dredging Project	192	-	192 C	-	100%
Anne Arundel	Parker Creek - Main Channel Dredging	383	-	383 C	-	100%
Anne Arundel	Public Boat Ramp Feasibility Study	50	-	50 C	-	100%
Anne Arundel	Sandy Point Boat Ramp - Maintenance and Repairs to Boat Launch	200	-	200 C	-	100%
Baltimore City	Baltimore City Fire Department - Marine Fire/Rescue Boat Acquisition	20	-	20 A	-	100%
Baltimore City	Downtown Sailing Center - Maintenance and Improvements	99	-	99 C	-	100%
Baltimore City	Harbor East Marina - Dredging Project	400	-	400 C	-	100%
Baltimore City	Harbor East Marina - Facility Improvements	500	-	500 C	-	100%

DEPARTMENT OF NATURAL RESOURCES

Baltimore Co.	Arbutus Volunteer Fire Department - Marine Fire/Rescue Boat Acquisition	5	-	5 A	-	100%
Baltimore Co.	Baltimore County Fire Department - Marine Fire/Rescue Boat Acquisition	10	-	10 A	-	100%
Baltimore Co.	Bird River and Railroad Creek - Main Channel Dredging Project	1,000	-	1,000 C	-	100%
Baltimore Co.	Dundee Creek Marina - Main Channel Dredging Project	150	-	150 C	-	100%
Baltimore Co.	Dundee Creek Marina - Mooring Pile Replacement	20	-	20 C	-	100%
Baltimore Co.	Kingsville Volunteer Fire Department - Marine Fire/Rescue Boat Acquisition	5	-	5 A	-	100%
Calvert	North Beach Volunteer Fire Department - Marine Fire/Rescue Boat Acquisition	50	-	50 A	-	100%
Caroline	Choptank Marina - Service Pier Improvements	96	-	96 C	-	100%
Cecil	Chesapeake City - Back Creek Basin Dredging Project	100	-	100 C	-	100%
Charles	Sweden Point Marina - Re-deck Pier	60	-	60 C	-	100%
Dorchester	Cambridge Municipal Marina - Maintenance and Improvements	50	-	50 C	-	100%
Dorchester	Dorchester County Public Boating Facilities Improvements	99	-	99 C	-	100%
Dorchester	Temple Street Town Pier and Boat Ramp Improvements	50	-	50 C	-	100%
Garrett	Jennings Randolph Boating Facility - Lighting and Electrical Upgrades	89	-	89 C	-	100%
Harford	Foster Branch - Dredging Project	43	-	43 C	-	100%
Harford	Gunpowder River - Dredging Project	350	-	350 C	-	100%
Harford	Havre de Grace Yacht Basin - Marine Fire/Rescue Boat Acquisition	50	-	50 A	-	100%

DEPARTMENT OF NATURAL RESOURCES

Harford	Havre de Grace Yacht Basin - Pier Re-decking and Improvements	50	-	50 C	-	100%
Harford	Taylor Creek - Channel Dredging Project	100	-	100 C	-	100%
Kent	Fairlee Creek Public Landing - Pier Replacement	48	-	48 C	-	100%
Kent	Matapeake Public Landing - Parking Lot Resurfacing	70	-	70 C	-	100%
Kent	Mill Creek - Channel Dredging Project	140	-	140 C	-	100%
Kent	Town of Chestertown - Marina Bulkhead and Pier Replacement	200	-	200 C	-	100%
Prince George's	Laurel Volunteer Rescue Squad - Marine Fire/Rescue Boat Acquisition	15	-	15 A	-	100%
Queen Anne's	Corsica River - Main Channel Dredging Project	300	-	300 C	-	100%
Queen Anne's	Crumpton Landing - Boat Ramp Improvements	50	-	50 C	-	100%
Queen Anne's	Matapeake Terminal - Dredge Material Placement Site Reclamation	250	-	250 C	-	100%
Queen Anne's	United Communities Volunteer Fire Department - Fire/Rescue Equipment	5	-	5 A	-	100%
Somerset	City of Crisfield - Public Boating Facilities - General Maintenance and Upgrades	39	-	39 C	-	100%
Somerset	Rumbly Point - Boat Ramp and Bulkhead Replacement	99	-	99 C	-	100%
Somerset	Shelltown Boat Ramp and Bulkhead Replacement	99	-	99 C	-	100%
Somerset	Somers Cove Marina - General Maintenance and Upgrades	300	-	300 C	-	100%
Somerset	Somerset County Public Boating Facilities Improvements	50	-	50 C	-	100%
Somerset	Tylerton Boat Ramp Replacement	99	-	99 C	-	100%
St. Mary's	Leonardtown Wharf - Transient Boat Slips	100	-	100 C	-	100%

DEPARTMENT OF NATURAL RESOURCES

St. Mary's	St. Inigoes Public Landing - Bulkhead Replacement	99	-	99 C	-	100%
St. Mary's	St. Mary's County Public Boating Facilities Improvements	50	-	50 C	-	100%
St. Mary's	St. Mary's River State Park - Parking Lot and Stormwater Management Improvements	200	-	200 C	-	100%
Talbot	Town of Oxford - Public Boating Facilities - General Maintenance and Upgrades	50	-	50 C	-	100%
Wicomico	Cedar Hill Marina - Bulkhead, Pilings, and Finger Piers Replacement	99	-	99 C	-	100%
Wicomico	Salisbury Marina - Utility Pedestals Replacement	25	-	25 C	-	100%
Worcester	Assateague State Park Marina - New Bulkhead and Walkway and Roadway Replacement	150	-	150 C	-	100%
Worcester	Public Landing Marina Improvements	80	-	80 C	-	100%
Worcester	Shell Mill Landing - Resurface Parking Lot	50	-	50 C	-	100%
Statewide	Federal Sportfish Restoration Boating Access and Boating Infrastructure Grant	200	-	200 C	-	100%
Statewide	Marine Sewage Pumpout Program	150	-	150 C	-	100%
Statewide	Natural Resources Police - Small Patrol Boat Replacement	142	-	142 A	-	100%
Statewide	Replace JM Tawes Ice Breaking Buoy Tender	2,000	-	2,000 A	-	100%
Statewide	Shallow Water Dredging and Navigation Needs	372	-	372 C	-	100%
Statewide	Shore Erosion Control - Living Shoreline Projects	500	-	500 C	-	100%
Statewide	U.S. Fish and Wildlife Projects	2,100	-	2,100 C	-	100%
TOTAL		12,601	-	12,600	-	

DEPARTMENT OF NATURAL RESOURCES

Subtotals for Boating Services

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Special Funds	10,500	10,500	10,500	10,500	10,500	52,500
Federal Funds	2,100	600	600	600	600	4,500
TOTAL	12,600	11,100	11,100	11,100	11,100	57,000

FISHERIES SERVICE

Budget Code: KA1701

Oyster Restoration Program (Statewide) FY 2017 Total \$3,300

Provide funds to rehabilitate oyster bar habitat in the Chesapeake Bay and its tributaries. Funds will also be used to provide grants for aquaculture development projects. A healthy oyster population is both economically and ecologically important to Maryland. Oysters filter sediment and other particles from the water and provide a unique bottom habitat for aquatic species. The existing oyster population in Maryland's Chesapeake Bay is estimated to be at less than 1% of historic levels. By rehabilitating oyster bar habitat and promoting aquaculture, this program aims to increase the native oyster population in the Bay. Benefits of an increased oyster population include providing habitat for other marine organisms, improved water quality, and a sustainable oyster fishery. The FY 2017 budget includes \$3,000,000 for oyster bar rehabilitation activities and \$300,000 for aquaculture infrastructure improvements.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	3,300	7,600	7,600	7,600	7,600	33,700
TOTAL	3,300	7,600	7,600	7,600	7,600	33,700

Subtotals for Fisheries Service

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	3,300	7,600	7,600	7,600	7,600	33,700
TOTAL	3,300	7,600	7,600	7,600	7,600	33,700

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	10,800	15,100	15,100	15,100	15,100	71,200
Special Funds	65,222	78,869	116,683	126,697	132,920	520,391
Federal Funds	7,850	3,600	3,600	3,600	3,600	22,250
TOTAL	83,872	97,569	135,383	145,397	151,620	613,841

DEPARTMENT OF NATURAL RESOURCES

Total Program - Department of Natural Resources

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	10,800	17,085	15,100	15,100	15,100	73,185
Special Funds	74,285	92,939	134,581	139,697	145,920	587,422
Federal Funds	7,850	3,600	3,600	3,600	3,600	22,250
TOTAL	92,935	113,624	153,281	158,397	164,620	682,857

DEPARTMENT OF PLANNING

SUMMARY

The Maryland Department of Planning (MDP) is responsible for the State's historical and cultural programs. The Division of Historical and Cultural Programs provides grants and loans for the acquisition and restoration of historic property and manages the Banneker-Douglass Museum and the Jefferson Patterson Park and Museum. The Maryland Historical Trust assists the people of Maryland in identifying, studying, evaluating, preserving, protecting, and interpreting the State's significant prehistoric and historic districts, sites, structures, cultural landscapes, heritage areas, cultural objects, and artifacts. The Trust administers the African American Heritage Preservation Grant Program, the Capital Revolving Loan Fund for Historical Preservation, and the Capital Grant Fund for Historical Preservation. Capital grant funds and loans are available to nonprofit organizations, local jurisdictions, business entities, and individual citizens committed to preserving their historic resources.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

African American Heritage Preservation Grant Program: Funding for this program was re-established by Senate Bill 601 (enacted as Chapter 371 of the Laws of 2015) for each fiscal year beginning in FY 2017.

Deletions:

None

Changes to FY 2018 - FY 2020

None

DEPARTMENT OF PLANNING

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

JEFFERSON PATTERSON PARK AND MUSEUM

Budget Code: DW0108

St. Leonard's Creek Shoreline Erosion Control and Public Access (Calvert)	FY 2017 Total	\$3,091
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Construct shoreline erosion control measures, a pier, and boardwalks along the south shoreline of St. Leonard's Creek at the Jefferson Patterson Park and Museum. The project will stabilize the eroding shoreline, protect historic and cultural resources and provide water access to students and the visiting public. The FY 2017 budget includes funding to complete design and construct of this project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	261	3,091	-	-	-	-	3,352
Non-Budgeted Funds	-	99	-	-	-	-	99
TOTAL	261	3,190	-	-	-	-	3,451

<u>Use</u>							
Planning	261	47	-	-	-	-	308
Construction	-	3,143	-	-	-	-	3,143

Patterson Center Renovations (Calvert)	FY 2017 Total	\$327
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Construct renovations to three historic buildings, totaling 10,416 NSF/11,554 GSF, at the Patterson Center at the Jefferson Patterson Park and Museum in Calvert County. Buildings to be renovated include the Main House, Pool House, and Garage. The Main House has flooding in the basement, a deficient HVAC system, and does not meet current fire, electrical, or ADA codes. Renovations are necessary to protect the antiques and other furnishings donated to the State by Mrs. Mary Breckinridge Patterson that remain in the house. The Pool House and Garage will also be renovated to repair various problems associated with the age of the buildings. When renovations are complete, the Patterson Center will include a historic house museum, office space, and space for fundraising events and other public uses. These renovations will ensure continued access to the property while providing an opportunity for the site to become more self-sustaining. The FY 2017 budget includes funding to complete design of this project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	500	327	-	2,930	2,929	-	6,686
TOTAL	500	327	-	2,930	2,929	-	6,686

<u>Use</u>							
Planning	500	327	-	-	-	-	827
Construction	-	-	-	2,905	2,904	-	5,809
Equipment	-	-	-	25	25	-	50

DEPARTMENT OF PLANNING

Maryland Archaeological Conservation Laboratory - Expansion and Renovation (Calvert)

Construct improvements to the Maryland Archaeological Conservation (MAC) Laboratory at the Jefferson Patterson Park and Museum in Calvert County. The MAC Lab provides collections care and storage for the State's archaeological collections and records. Due to the normal growth of the collection and the deposit of several unanticipated large collections, the facility is nearing its storage capacity. Without the needed expansion, important collections will have to be turned away, resulting in the real possibility of the loss of valuable Maryland artifacts. This project will expand the storage capacity by adding more compactable shelving and increasing the footprint of the collections storage area. This project also includes health, safety, and disaster preparedness improvements including the relocation of the Isolation Room, changes to the Field Processing Room, the addition of a separate archival storage room, and upgrades to the HVAC and humidity control systems. The estimated cost of this project totals \$5,310,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	-	332	2,518	2,850
TOTAL	-	-	-	-	332	2,518	2,850

<u>Use</u>							
Planning	-	-	-	-	332	72	404
Construction	-	-	-	-	-	2,421	2,421
Equipment	-	-	-	-	-	25	25

Subtotals for Jefferson Patterson Park and Museum

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	3,418	-	2,930	3,261	2,518	12,127
TOTAL	3,418	-	2,930	3,261	2,518	12,127

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	3,418	-	2,930	3,261	2,518	12,127
TOTAL	3,418	-	2,930	3,261	2,518	12,127

DEPARTMENT OF PLANNING

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

MARYLAND HISTORICAL TRUST

Budget Code: DW0111

African American Heritage Preservation Grant Program (Statewide)	FY 2017 Total	\$1,000
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The African American Heritage Preservation Grant Program provides capital grants to nonprofit organizations, political subdivisions, business entities, and individuals to assist in the protection of properties that are historically and culturally significant to the African American experience in Maryland. Grant funds can be used to acquire, construct, rehabilitate, restore, or expand buildings, or sites. The Maryland Historical Trust (MHT) and the Commission on African American History and Culture limit grant awards to \$100,000. The FY 2017 projects will be determined based on applications received by MHT and the Commission.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,000	1,000	1,000	1,000	1,000	5,000
TOTAL	1,000	1,000	1,000	1,000	1,000	5,000

Maryland Historical Trust Revolving Loan Fund (Statewide)	FY 2017 Total	\$300
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The Maryland Historical Trust Revolving Loan Fund provides loans to nonprofit organizations, local jurisdictions, business entities, and individuals to assist in the protection of historic property. Loan funds can be used to acquire, rehabilitate, or restore historic property listed on, or eligible for, the National Register of Historic Places. Loan funds can also be used to refinance historic properties if it can be demonstrated that this is in the best interest of the property for proper preservation. Funds may also be used for short-term financing of studies, surveys, plans and specifications, and architectural engineering, or other special services directly related to preconstruction work required or recommended by the Trust. In most cases, successful applicants must convey a perpetual historic preservation easement to the Trust. The maximum amount of the loan is based on a percentage of appraised value or purchase price for acquisition loans, and a percentage of after-rehabilitation appraised value or project costs for rehabilitation loans. The FY 2017 projects will be determined based on applications received by MHT.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	150	150	150	150	150	750
Special Funds	150	150	150	150	150	750
TOTAL	300	300	300	300	300	1,500

DEPARTMENT OF PLANNING

Maryland Historical Trust Capital Grant Fund (Statewide)

The Maryland Historical Trust (MHT) Capital Grant Fund provides grants to nonprofit organizations, local jurisdictions, business entities, and individuals to assist with acquisition, rehabilitation, or restoration of properties listed on, or eligible for listing on, the National Register of Historic Places. Nonprofit organizations and local jurisdictions may also receive funding for pre-development costs directly associated with a project to rehabilitate or restore historic properties. Successful applicants must convey a perpetual preservation easement to the Trust prior to their receipt of funds. The maximum grant offered by MHT is \$50,000.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	600	600	600	600	2,400
TOTAL	-	600	600	600	600	2,400

Subtotals for Maryland Historical Trust

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,150	1,750	1,750	1,750	1,750	8,150
Special Funds	150	150	150	150	150	750
TOTAL	1,300	1,900	1,900	1,900	1,900	8,900

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,150	1,750	1,750	1,750	1,750	8,150
Special Funds	150	150	150	150	150	750
TOTAL	1,300	1,900	1,900	1,900	1,900	8,900

Total Program - Department of Planning

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	4,568	1,750	4,680	5,011	4,268	20,277
Special Funds	150	150	150	150	150	750
TOTAL	4,718	1,900	4,830	5,161	4,418	21,027

MARYLAND PUBLIC BROADCASTING COMMISSION

SUMMARY

The Maryland Public Broadcasting Commission operates a system of regional and local facilities to provide educational and cultural radio and television programs throughout the State. The Commission is responsible for the preparation, content, and presentation of programs for the general public. The FY 2017 - FY 2021 Capital Improvement Program includes funding to replace transmission equipment at various sites and to renovate and expand a broadcasting studio (Studio A). These improvements are necessary to prevent the disruption of broadcasting services and to ensure high quality programming in the future.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 - FY 2020

None



MARYLAND PUBLIC BROADCASTING COMMISSION

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

MARYLAND PUBLIC BROADCASTING COMMISSION

Budget Code: RP00

Maryland Public Television (MPT) Transmission Systems **FY 2017 Total** **\$150**
Replacement (Statewide)

Replace digital transmission equipment at Maryland Public Television's (MPT) six transmitter sites including Owings Mills, Annapolis, Salisbury, Frederick, Hagerstown, and Oakland. This equipment is nearing the end of its useful life and replacement parts are difficult and expensive to obtain. This project will prevent the disruption of MPT's broadcasting services in the future. The FY 2017 budget includes \$150,000 in funding to replace equipment connecting various transmitter sites and the transmitter at the Hagerstown location.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	800	150	550	1,950	1,150	-	4,600
TOTAL	800	150	550	1,950	1,150	-	4,600
<u>Use</u>							
Equipment	800	150	550	1,950	1,150	-	4,600

Maryland Public Television - Studio "A" Renovation and Addition
(Baltimore Co.)

Renovate and expand Studio A, Maryland Public Television's (MPT) largest studio. The studio was constructed in 1969 and has been substantially unchanged since then. It does not have sufficient space or seating for live performances or town hall meetings and it lacks sufficient means of egress for occupants. Restroom facilities are too small and do not meet ADA guidelines. The building's mechanical, electrical, and HVAC systems are beyond their useful lives and must be replaced. Finally, the loading dock is inaccessible to trucks, and the low ceilings in the studio prevent the studio from being used efficiently. The renovation and expansion of Studio A will allow MPT to keep up with technological advancements in television broadcasting, provide viewers with expanded programming and live tapings, and bring the building up to current code and ADA standards.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	600	3,220	4,620	-	8,440
TOTAL	-	-	600	3,220	4,620	-	8,440
<u>Use</u>							
Planning	-	-	600	-	-	-	600
Construction	-	-	-	3,220	3,020	-	6,240
Equipment	-	-	-	-	1,600	-	1,600

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	150	1,150	5,170	5,770	-	12,240
TOTAL	150	1,150	5,170	5,770	-	12,240

MARYLAND PUBLIC BROADCASTING COMMISSION

Total Program - Maryland Public Broadcasting Commission

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	150	1,150	5,170	5,770	-	12,240



DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES

SUMMARY

The Department of Public Safety and Correctional Services (DPSCS) operates 31 correctional facilities with a current operating capacity of approximately 27,000. These facilities are administered by three separate divisions within the DPSCS: Division of Correction (DOC); Division of Pre-Trial Detention; and the Office of Treatment Services, which has authority over the Patuxent Institution. The Department must maintain correctional and detention facilities which protect the people of Maryland and provide a safe and secure environment capable of contributing to the ultimate reintegration of inmates into society as law-abiding citizens.

DPSCS also administers the Local Jails Improvement Program that provides matching grants to the counties for design, construction, and capital-equipping of local jails and detention centers. By law, the State funds 50% of the eligible capital costs based on the level of local need, and 100% of the capital eligible costs of capacity needed for additional inmates directed by law to local facilities.

The Capital Improvement Program (CIP) includes funding to expand and modernize services, update aging infrastructure, and upgrade utilities. Funding is provided to upgrade two major building systems: to upgrade the Jessup Region Electrical Infrastructure and to construct improvements to the hot water and steam system at the Eastern Correctional Institution. Funding is also provided to renovate housing units at the Maryland Correctional Training Center in Hagerstown and to construct perimeter security improvements and a gatehouse/visitor's center at the Maryland Correctional Institution in Hagerstown. Further, the CIP addresses the failing building conditions at the Baltimore City Detention Center. DPSCS recently updated their Facilities Master Plan for the Baltimore City Detention Center; the updated plan calls for one facility that will be constructed on site at the Baltimore City Correctional Complex and will house men, women, health and food services. This new building will be called the Baltimore Justice Center.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

Jessup Region Electrical Infrastructure Upgrade (P): Funding for this project has been accelerated from FY 2018 to FY 2017 to address risks to security, and the health and safety of inmates and staff.

Demolition of Buildings at the Correctional Complex in Baltimore City (PC): Funding for this project has been added to FY 2017 and FY 2018. This project will demolish numerous aged structures at the Baltimore City Correctional Complex. The facilities have long standing physical plant, health, and safety issues that were the subject of federal litigation. This project is necessary in order for the Department to make room on the site to construct a replacement detention center for Baltimore City.

New Baltimore Justice Center (P): Funding for this project has been included in FY 2017 to FY 2021 to replace the men's and women's detention centers in Baltimore City. The New Baltimore Justice Center will be one facility that consolidates housing for men and women, food services, and medical and support services for detainees. The existing detention centers are antiquated and inappropriate for secure and efficient service delivery.

Housing Unit Windows and Heating Systems Replacement (C): Funding to complete Phase II of this project has been included in FY 2017. Additional construction funds for this phase are required because construction inspection and testing contract bids came in higher than anticipated.

Eastern Correctional Institution (ECI) High Temperature Hot Water System Improvements (C): Funding to complete the construction of this project has been included in FY 2017 because during the

DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES

2015 legislative session this project's FY 2016 appropriation was reduced due to the project schedule. The reduction was moved out one year to FY 2017. The FY 2017 appropriation is consistent with the Legislative preauthorization.

Deletions:

Baltimore City Detention Center (BCDC) - Women's Detention Center (P): Funding for this project has been removed from the Capital Improvement Program. This project will be replaced by the New Baltimore Justice Center.

Changes to FY 2018 - FY 2020

BCDC - New Kitchen and Power Plant: Funding for this project has been removed from the Capital Improvement Program. This project will be replaced by the New Baltimore Justice Center.

BCDC - New Men's Detention Center: Funding for this project has been removed from the Capital Improvement Program. This project will be replaced by the New Baltimore Justice Center.



DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

MARYLAND CORRECTIONAL INSTITUTION-HAGERSTOWN

Budget Code: QR0201

MCI-H Perimeter Security Upgrade (Washington) FY 2017 Total **\$1,042**

Design and construct a new perimeter security system, new gatehouse with a central control center, four new guard towers, and a new rear sally port tower and renovate/expand the visitor's registration by 12,628 NSF/19,942 GSF for a new visiting center at the Maryland Correctional Institution-Hagerstown (MCI-H). The existing 12' high perimeter fence will be replaced with a 16' high perimeter fence, complete with an intrusion alarm and fence-approach detection system. A new perimeter patrol road and 5,000 linear feet of zone fencing around the housing units will also be included. The proposed improvements will confine inmates within definable boundaries; protect against intrusion; allow adequate response time in the event of an attempted or actual breach of the perimeter boundary; and provide a secure enclosure in the event of an emergency evacuation. The FY 2017 budget includes funds to begin the design of this project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	1,042	10,034	9,824	1,500	-	22,400
TOTAL	-	1,042	10,034	9,824	1,500	-	22,400

<u>Use</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Planning	-	1,042	260	-	-	-	1,302
Construction	-	-	9,774	9,774	-	-	19,548
Equipment	-	-	-	50	1,500	-	1,550

Subtotals for Maryland Correctional Institution-Hagerstown

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,042	10,034	9,824	1,500	-	22,400
TOTAL	1,042	10,034	9,824	1,500	-	22,400

DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES

MARYLAND CORRECTIONAL TRAINING CENTER

Budget Code: QR0202

Housing Unit Windows and Heating Systems Replacement **FY 2017 Total** **\$655**
(Washington)

Replace the windows and heating systems at six housing units at the Maryland Correctional Training Center. The project will be completed in three phases: Housing Units 1 and 2 (completed); then 5 and 6 (in progress); and finally 3 and 4. High maintenance costs, energy losses, and security breaches necessitate window and heating systems replacement. The FY 2017 budget includes funds to complete Phase II.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	16,819	655	-	677	5,932	5,763	29,846
TOTAL	16,819	655	-	677	5,932	5,763	29,846

<u>Use</u>							
Planning	600	-	-	677	169	-	1,446
Construction	16,219	655	-	-	5,763	5,763	28,400

Subtotals for Maryland Correctional Training Center

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		655	-	677	5,932	5,763	13,027
TOTAL		655	-	677	5,932	5,763	13,027



DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES

DIVISION OF CORRECTION

Budget Code: QS0101

Jessup Region Electrical Infrastructure Upgrade (Anne Arundel) FY 2017 Total **\$382**

Design and construct an upgrade to the electrical infrastructure for the correctional facilities and supporting plants and offices in the Jessup region. The Jessup electrical infrastructure provides power to six correctional institutions, Maryland Environmental Services plants and a firing range all located in Anne Arundel County just off Route 175. The existing grid is owned by the Department and supports over 120 buildings, serving more than 4,500 inmates and 1,600 state employees. The project is needed because the existing infrastructure can neither provide reliable uninterrupted power nor support any additional buildings. The FY 2017 budget includes funds to begin the design of this project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	382	467	7,423	7,210	-	15,482
TOTAL	-	382	467	7,423	7,210	-	15,482

<u>Use</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Planning	-	382	467	212	-	-	1,061
Construction	-	-	-	7,211	7,210	-	14,421

Subtotals for Division of Correction

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	382	467	7,423	7,210	-	15,482
TOTAL	382	467	7,423	7,210	-	15,482

DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES

EASTERN CORRECTIONAL INSTITUTION

Budget Code: QS0208

**ECI High Temperature Hot Water System Improvements
(Somerset)**

FY 2017 Total \$1,945

Replace the existing high temperature hot water (HTHW) system at Eastern Correctional Institution in Westover. The project includes installing a new HTHW distribution line for the housing units and support services buildings. The mechanical rooms at each building will be renovated to encompass a new single-stage pressure reducing station, all isolation valves, gauges, meters, traps, relief valves, and other needed accessories required for the improved service. The original underground system will be abandoned in place. The existing system is old, leaking, undersized, underground, and plagued with many maintenance issues. The new system will allow the Department to provide a safe environment for staff and inmates and further their goal of operating efficiently and effectively. The FY 2017 budget includes funding to complete the construction of the new system.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	4,925	1,945	-	-	-	-	6,870
TOTAL	4,925	1,945	-	-	-	-	6,870
<u>Use</u>							
Planning	470	-	-	-	-	-	470
Construction	4,455	1,945	-	-	-	-	6,400

Subtotals for Eastern Correctional Institution

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,945	-	-	-	-	1,945
TOTAL	1,945	-	-	-	-	1,945



DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES

DIVISION OF PRETRIAL DETENTION AND SERVICES

Budget Code: QT04

New Baltimore Justice Center (Baltimore City) FY 2017 Total \$18,270

Design and construct a new Detention Center for adult men and women in Baltimore City. The new detention facility will be one modern building that houses both men and women, a health facility, visitation, a full service kitchen, and other support functions for this population. This project is the second component of the updated Facilities Master Plan for the Correctional Complex in Baltimore City. In Phase I, several existing buildings at the complex will be demolished. The existing detention centers are antiquated and inappropriate for secure and efficient service delivery. The facilities have long standing physical plant, health, and safety issues that were the subject of federal litigation. In Phase II, the new structure will be designed and constructed on-site. This project will create a modern, secure facility, which will provide a safe environment for both detainees and staff. The FY 2017 budget includes funds to begin the design of the new facility.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	18,270	37,956	183,050	145,000	64,819	449,095
TOTAL	-	18,270	37,956	183,050	145,000	64,819	449,095

Use

Planning	-	18,270	15,956	-	-	-	34,226
Construction	-	-	22,000	183,050	140,000	58,419	403,469
Equipment	-	-	-	-	5,000	6,400	11,400

Demolition of Buildings at the Baltimore City Correctional Complex (Baltimore City) FY 2017 Total \$16,581

Demolish eleven structures at the Baltimore City Correctional Complex and prepare the site for the construction of the new Baltimore Justice Center. This project will demolish the following facilities: Women's Detention Center, Men's Detention Center, Administrative Building, Baltimore City Detention Center (BCDC) Power Plant, Annex Building, Wyatt Building, C-Block Building, the wall that runs down the middle of the site, Maryland Transition Center (MTC) West Wing, BCDC Post 1 Entrance Building, MTC Power Plant, and Building A. This project is the first phase of the updated Facilities Master Plan for the Correctional Complex in Baltimore City. The existing Men's Detention Center, "C" Block and the West Wing of MTC are mid 1800's and early 1900's facilities. These buildings are now antiquated and inappropriate for secure and efficient service delivery. The referenced facilities have long standing physical plant, health, and safety issues that were the subject of federal litigation. Demolishing these structures will make room on the site to construct the new Baltimore Justice Center. The FY 2017 budget includes funds to design the demolition of the existing structures and to begin demolition.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	16,581	16,925	-	-	-	33,506
TOTAL	-	16,581	16,925	-	-	-	33,506

Use

Planning	-	2,581	-	-	-	-	2,581
Construction	-	14,000	16,925	-	-	-	30,925

DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES

BCDC - Youth Detention Center (Baltimore City) **FY 2017 Total** **\$3,647**

Construct a 40,904 NSF/61,051 GSF Youth Detention Center for Youth Charged as Adults at the Baltimore City Detention Center (BCDC). This project will demolish the existing Baltimore Pre-Release Unit and construct a new facility in its place. A portion of the adjacent Occupational Skills Training Center will also be renovated. The new facility will be connected to the renovated portion of the Occupational Skills Training Center to create the Youth Detention Center. The upgraded and improved facility will include detainee housing, educational services, administration, program services (counseling, drug treatment, etc.), visitation, medical, recreation, and food services areas for 60 youth who have been charged as adults. The project will consolidate all of these functions into a separate building which will provide complete separation from the adult population. The FY 2017 budget includes funds to complete the construction and equip the new facility.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	33,736	3,647	-	-	-	-	37,383
TOTAL	33,736	3,647	-	-	-	-	37,383
<u>Use</u>							
Planning	3,531	-	-	-	-	-	3,531
Construction	29,830	2,462	-	-	-	-	32,292
Equipment	375	1,185	-	-	-	-	1,560

Subtotals for Division of Pretrial Detention and Services

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	38,498	54,881	183,050	145,000	64,819	486,248
TOTAL	38,498	54,881	183,050	145,000	64,819	486,248

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	42,522	65,382	200,974	159,642	70,582	539,102
TOTAL	42,522	65,382	200,974	159,642	70,582	539,102

DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

LOCAL JAILS AND DETENTION CENTERS

Budget Code: ZB02

Local Jails and Detention Centers (Statewide) FY 2017 Total **\$2,891**

The five-year Capital Improvement Program includes matching grants to the counties for design, construction, and capital-equipping of local jails and detention centers. By law, the State funds 50% of the eligible capital costs based on the level of local need, and 100% of the eligible capital costs of capacity needed for additional inmates directed by law to local facilities. The amounts recommended are based on the most recent information provided to the State by the counties. These facility improvements are funded to the extent they conform to standards established by the Departments of Public Safety and Correctional Services, Budget and Management, and General Services. The FY 2017 budget includes funds for two projects in two counties: the expansion of the Prince George's County Correctional Center's Medical Unit and improvements to the Montgomery County Pre-Release Center's Dietary Center.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,891	4,547	2,500	2,500	2,500	14,938
TOTAL	2,891	4,547	2,500	2,500	2,500	14,938

Local Jails and Detention Centers Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Montgomery	Montgomery County Pre-Release Center Dietary Center Renovation	7,009	280	403 P	2,822 CE	50%
Prince George's	Prince George's County Medical Unit Renovation and Expansion	12,346	549	2,488 C	3,137 CE	50%
TOTAL		19,355	829	2,891	5,959	

Subtotals for Local Jails and Detention Centers

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,891	4,547	2,500	2,500	2,500	14,938
TOTAL	2,891	4,547	2,500	2,500	2,500	14,938

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,891	4,547	2,500	2,500	2,500	14,938
TOTAL	2,891	4,547	2,500	2,500	2,500	14,938

DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES

Total Program - Department of Public Safety and Correctional Services

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	45,413	69,929	203,474	162,142	73,082	554,040



PUBLIC SCHOOL CONSTRUCTION PROGRAM

SUMMARY

The Public School Construction Program assists local boards of education in providing Maryland's public school students with facilities that support teaching and learning. Funding is provided for total building renovations, additions, new construction, systemic renovations, wiring schools for technology, pre-kindergarten facilities, science labs, and movement of relocatable classrooms. The purpose of the program is to:

- Provide local tax relief;
- Relieve the subdivisions of the high costs of school construction;
- Address the considerable need to renovate and replace existing schools and construct new schools;
- Equalize educational facilities throughout the State.

While the cost to design and equip public schools is a local responsibility, the State and local governments share in the cost of constructing public schools. The State/local cost-share formula is based on a number of factors, such as per-pupil State aid, the percentage of students receiving free or reduced price meals, unemployment rates in the subdivision, enrollment growth beyond the State average, and school construction debt of more than 1% of local wealth. The minimum State share of any subdivision under this formula is 50%, and the maximum State share is 100%.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

Nonpublic Aging Schools Program: Funding has been added to assist nonpublic schools with capital facility renewal needs.

Supplemental Capital Grant Program: The 2015 General Assembly enacted legislation to create a new program to provide \$20 million annually to jurisdictions with enrollment growth of 150% of the statewide average over the past five years or a significant number of relocatable classrooms (an average of more than 300 relocatable classrooms over the past five years).

Qualified Zone Academy Bond Program: The federal government has extended funding for the Program. Funding has been authorized in FY 2017.

Deletions:

Relocatable Classrooms: Funding has been deferred beyond the Capital Improvement Program because there are sufficient funds from prior State appropriations to cover FY 2017 to FY 2021 costs.

Changes to FY 2018 - FY 2020

None

PUBLIC SCHOOL CONSTRUCTION PROGRAM

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

PUBLIC SCHOOL CONSTRUCTION PROGRAM

Budget Code: DE0202

Public School Construction Program (Statewide)

FY 2017 Total \$280,000

This program provides matching grants to local educational agencies for the construction and renovation of public school facilities in Maryland. Included in this program are funds used for major projects, systemic renovations to existing school facilities, the movement and installation of State-owned relocatable classrooms, science facility renovations, and kindergarten and pre-kindergarten projects. The goal of the program is to support the construction of public school facilities that meet the needs of the educational curriculum and are conducive to teaching and learning. The State only provides funding for the eligible portion of the total construction costs of projects, and local educational agencies are responsible for design, construction, and equipment costs. Financial assistance is provided to the subdivisions based on a State/local shared cost formula that includes factors such as per-pupil state aid, enrollment growth in the subdivision, and local school debt. The State/local cost-share formula provides between 50% and 100% of eligible construction costs. The actual funding allocation is subject to reduction based on the project scope or the inclusion of items that are ineligible for State participation. The FY 2017 budget provides \$280,000,000 for school construction projects.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	280,000	250,000	250,000	250,000	250,000	1,280,000
TOTAL	280,000	250,000	250,000	250,000	250,000	1,280,000

Public School Construction Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>Total Cost</u>	<u>Prior Auth.</u>	<u>State Funding</u>		<u>Total State Share</u>
				<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	Allegany High School	52,303	-	5,800 C	30,892 C	70%
Anne Arundel	Chesapeake High School	7,780	-	1,000 C	2,068 C	39%
Anne Arundel	J. Albert Adams Academy	4,508	-	2,007 C	-	45%
Anne Arundel	Jones Elementary School	1,200	-	539 C	-	45%
Anne Arundel	Maryland City Elementary School	4,763	-	2,120 C	-	45%
Anne Arundel	North Glen Elementary School	3,293	-	1,238 C	-	38%
Anne Arundel	Odenton Elementary School	7,626	-	2,808 C	-	37%
Anne Arundel	Ridgeway Elementary School	1,625	-	733 C	-	45%
Anne Arundel	Severna Park High School	134,165	28,542 C	8,323 C	5,249 C	31%
Anne Arundel	Shipley's Choice Elementary School	320	-	141 C	-	44%
Anne Arundel	South River High School	2,056	-	956 C	-	47%
Anne Arundel	South Shore Elementary School	1,145	-	489 C	-	43%

PUBLIC SCHOOL CONSTRUCTION PROGRAM

Anne Arundel	West Meade Early Education Center	5,150	-	2,293 C	-	45%
Anne Arundel	Woodside Elementary School	6,424	-	2,344 C	-	37%
Baltimore City	Baltimore City College High School #480	6,074	-	3,962 C	-	65%
Baltimore City	Baltimore Polytechnic Institute High School #403	2,930	-	2,344 C	-	80%
Baltimore City	Booker T. Washington Building	4,903	-	723 C	3,199 C	80%
Baltimore City	Eutaw Marshburn Elementary School #011	5,000	-	2,300 C	1,190 C	70%
Baltimore City	Federal Hill Elementary School #045	5,280	-	4,224 C	-	80%
Baltimore City	Francis Scott Key Elementary/Middle School #076	350	-	280 C	-	80%
Baltimore City	Garrett Heights Elementary/Middle School #212	4,200	694 C	2,416 C	250 C	80%
Baltimore City	New Blind Dormitory Building	17,975	12,093 C	67 C	-	68%
Baltimore City	New Blind Education Building	18,725	11,256 C	2,447 C	-	73%
Baltimore City	PreSchool Early Learning and Outreach Instructional Facility	17,837	-	1,700 C	9,982 C	66%
Baltimore City	Roland Park Elementary/Middle School #223	5,000	694 C	3,000 C	306 C	80%
Baltimore City	The Historic Samuel Coleridge-Taylor Elementary School #122	7,500	785 C	3,000 C	2,215 C	80%
Baltimore City	Western High School #407	2,904	-	2,323 C	-	80%
Baltimore Co.	Baltimore Highlands Elementary School	5,100	-	1,500 C	765 C	44%
Baltimore Co.	Bear Creek Elementary School	5,650	-	1,100 C	1,432 C	45%
Baltimore Co.	Chapel Hill Elementary School	5,750	-	1,500 C	1,058 C	45%
Baltimore Co.	Dumbarton Middle School	24,423	-	10,189 C	-	42%
Baltimore Co.	Edmondson Heights Elementary School	5,100	-	2,265 C	-	44%
Baltimore Co.	Franklin Middle School	12,400	-	2,000 C	3,383 C	43%
Baltimore Co.	Grange Elementary School	4,500	-	542 C	1,457 C	44%
Baltimore Co.	Kingsville Elementary School	4,500	-	1,872 C	127 C	44%
Baltimore Co.	Oakleigh Elementary School	3,950	-	1,500 C	232 C	44%
Baltimore Co.	Pot Spring Elementary School	4,500	-	600 C	1,377 C	44%

PUBLIC SCHOOL CONSTRUCTION PROGRAM

Baltimore Co.	Relay Elementary School	40,050	5,788 C	5,100 C	244 C	28%
Baltimore Co.	Westowne Elementary School	40,050	10,628 C	644 C	-	28%
Calvert	Northern High School	82,002	-	5,926 C	33,563 C	48%
Caroline	Preston Elementary School	16,264	10,888 C	36 C	-	67%
Carroll	Francis Scott Key High School	3,818	-	1,974 C	-	52%
Carroll	Friendship Valley Elementary School	1,638	-	847 C	-	52%
Carroll	Piney Ridge Elementary School	1,153	-	150 C	447 C	52%
Cecil	Bohemia Manor Middle/High School	600	-	378 C	-	63%
Cecil	Cecilton Elementary School	575	148 C	220 C	-	64%
Cecil	Cherry Hill Middle School	697	-	100 C	-	14%
Cecil	Kenmore Elementary School	490	-	309 C	-	63%
Cecil	Perryville Elementary School	18,763	6,750 C	904 C	-	41%
Charles	Benjamin Stoddert Middle School	4,880	1,080 C	1,077 C	1,077 C	66%
Charles	Daniel of St. Thomas Jenifer Elementary School	3,061	950 C	499 C	-	47%
Charles	Mary H. Matula Elementary School	3,928	950 C	517 C	-	37%
Charles	St. Charles High School	89,043	45,708 C	124 C	-	52%
Dorchester	North Dorchester High School	50,274	-	3,939 C	24,834 C	57%
Frederick	Butterfly Ridge Elementary School	48,519	-	2,000 C	16,056 C	37%
Frederick	Emmitsburg Elementary School	916	-	320 C	223 C	59%
Frederick	Frederick High School	114,348	19,413 C	10,275 C	11,610 C	36%
Frederick	Hillcrest Elementary School	512	-	305 C	-	60%
Frederick	Myersville Elementary School	345	-	200 C	-	58%
Frederick	Sugarloaf Elementary School	41,845	-	2,000 C	13,178 C	36%
Frederick	Urbana High School	732	-	300 C	121 C	58%
Garrett	Southern Middle School	39,362	-	3,320 C	6,400 C	25%
Harford	Darlington Elementary School	3,453	-	1,518 C	-	44%
Harford	Joppatowne High School	2,400	-	1,285 C	-	54%
Harford	Riverside Elementary School	8,780	-	2,804 C	1,260 C	46%
Harford	William Paca/Old Post Road Elementary School	2,417	-	1,156 C	-	48%
Harford	William S. James Elementary School	1,400	-	709 C	-	51%
Howard	Bonnie Branch Middle School	2,274	-	800 C	300 C	48%

PUBLIC SCHOOL CONSTRUCTION PROGRAM

Howard	Manor Woods Elementary School	2,297	-	800 C	172 C	42%
Howard	Northeastern Elementary School #42	44,123	-	8,855 C	9,435 C	42%
Howard	Swansfield Elementary School	25,902	-	7,539 C	157 C	30%
Howard	Waverly Elementary School	34,176	-	2,000 C	9,650 C	34%
Howard	Wilde Lake Middle School	44,000	13,303 C	2,056 C	-	35%
Montgomery	Bel Pre Elementary School	29,387	-	4,949 C	804 C	20%
Montgomery	Brooke Grove Elementary School	2,200	-	549 C	-	25%
Montgomery	Clearspring Elementary School	2,400	-	599 C	-	25%
Montgomery	Gaithersburg High School	109,100	24,465 C	10,198 C	-	32%
Montgomery	John T. Baker Middle School	2,100	-	221 C	303 C	25%
Montgomery	Silver Spring International Middle School	2,400	-	599 C	-	25%
Montgomery	Wilson Wims Elementary School	28,732	-	8,585 C	-	30%
Prince George's	Allenwood Elementary School	575	-	291 C	-	51%
Prince George's	Annapolis Road Academy High School	384	-	194 C	-	51%
Prince George's	Baden Elementary School	1,917	-	969 C	-	51%
Prince George's	Beacon Heights Elementary School	4,473	-	300 C	1,961 C	51%
Prince George's	Beltsville Academy	2,811	-	1,421 C	-	51%
Prince George's	Benjamin Tasker Middle School	1,150	-	581 C	-	51%
Prince George's	Bowie High School	2,556	-	1,192 C	100 C	51%
Prince George's	Bradbury Heights Elementary School	1,719	-	730 C	100 C	48%
Prince George's	Buck Lodge Middle School	1,150	-	581 C	-	51%
Prince George's	Central High School	255	-	129 C	-	51%
Prince George's	Columbia Park Elementary School	592	-	299 C	-	51%
Prince George's	Crossland High School	1,278	-	646 C	-	51%
Prince George's	Duval High School	3,834	-	1,738 C	200 C	51%
Prince George's	Dwight D. Eisenhower Middle School	894	-	452 C	-	51%
Prince George's	Flintstone Elementary School	1,468	-	429 C	313 C	51%
Prince George's	Frances R. Fuchs Early Childhood Center	1,533	-	775 C	-	51%
Prince George's	Gaywood Elementary School	831	-	420 C	-	51%
Prince George's	Gladys Noon Spellman Elementary School	255	-	129 C	-	51%
Prince George's	Glassmanor Elementary School	511	-	258 C	-	51%

PUBLIC SCHOOL CONSTRUCTION PROGRAM

Prince George's	Glenridge Elementary School	1,533	-	775 C	-	51%
Prince George's	Greenbelt Elementary School	1,214	-	614 C	-	51%
Prince George's	High Bridge Elementary School	1,150	-	484 C	-	42%
Prince George's	Highland Park Elementary School	1,724	-	771 C	100 C	51%
Prince George's	Hillcrest Heights Elementary School	319	-	161 C	-	51%
Prince George's	Hollywood Elementary School	2,044	-	933 C	100 C	51%
Prince George's	James H. Harrison Elementary School	1,788	-	904 C	-	51%
Prince George's	Lamont Elementary School	255	-	129 C	-	51%
Prince George's	Langley Park-McCormick Elementary School	1,533	-	623 C	152 C	51%
Prince George's	Largo High School	3,832	-	525 C	1,412 C	51%
Prince George's	Lewisdale Elementary School	1,022	-	517 C	-	51%
Prince George's	Maya Angelou French Immersion School	5,926	-	2,895 C	100 C	51%
Prince George's	Melwood Elementary School	575	-	291 C	-	51%
Prince George's	Oxon Hill Elementary School	639	-	323 C	-	51%
Prince George's	Parkdale High School	255	-	129 C	-	51%
Prince George's	Patuxent Elementary School	575	-	118 C	173 C	51%
Prince George's	Potomac High School	255	-	129 C	-	51%
Prince George's	Princeton Elementary School	1,278	-	300 C	346 C	51%
Prince George's	Ridgecrest Elementary School	894	-	452 C	-	51%
Prince George's	Rogers Heights Elementary School	255	-	129 C	-	51%
Prince George's	Surrattsville High School	3,832	-	1,937 C	-	51%
Queen Anne's	Church Hill Elementary School	286	-	134 C	-	47%
Queen Anne's	Grasonville Elementary School	249	-	115 C	-	46%
Queen Anne's	Kent Island High School	942	-	434 C	-	46%
Somerset	Crisfield High School	3,810	-	1,430 C	341 C	47%
St. Mary's	Fairlead Academy	576	-	238 C	-	41%
St. Mary's	Piney Point Elementary School	2,059	-	711 C	236 C	46%
St. Mary's	Spring Ridge Middle School	25,366	12,842 C	88 C	-	51%
Washington	Boonsboro Elementary School	1,808	-	850 C	282 C	63%
Washington	Funkstown Elementary School	476	-	150 C	148 C	63%
Washington	Hancock Middle/High School	2,907	-	1,360 C	459 C	63%

PUBLIC SCHOOL CONSTRUCTION PROGRAM

Washington	Jonathan Hager Elementary School (West City)	19,904	11,047 C	683 C	-	59%
Washington	South Hagerstown High School	1,496	-	915 C	-	61%
Wicomico	Parkside High School	18,595	4,613 C	6,727 C	2,455 C	74%
Wicomico	Wicomico Middle School	1,388	-	500 C	728 C	89%
Statewide	Recycled Funds	(9,288)	-	(9,288)C	-	100%
Statewide	Unallocated	70,949	-	70,949 C	-	100%
TOTAL		1,558,922	222,637	280,000	204,722	

Supplemental Capital Grant Program (Statewide) FY 2017 Total \$20,000

This program provides grants to local school systems for the construction and renovation of public school facilities that have enrollment growth that exceeds 150% of the statewide average or with more than 300 relocatable classrooms over a five-year period. The grants are supplemental to the funding for the public school construction program. Grant awards are subject to the State and local cost-share formula for each school system and require approval by the Board of Public Works. The FY 2017 budget provides \$20,000,000 in funding to six (6) local school systems, in Anne Arundel, Baltimore, Dorchester, Howard, Montgomery and Prince George's counties.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	20,000	20,000	20,000	20,000	20,000	100,000
TOTAL	20,000	20,000	20,000	20,000	20,000	100,000

Aging Schools Program (Statewide) FY 2017 Total \$6,109

The Aging Schools Program, which is administered by the Interagency Committee on School Construction, provides funds to all school systems in the State for capital improvements, repairs, and deferred maintenance work at existing public school buildings. The State funds provided under this program do not require any matching local funds, and the State/local cost share formulas used for other State-funded school construction projects do not apply. The program is intended to protect school buildings from deterioration, improve the safety of students and staff, and enhance the delivery of educational programs.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	6,109	6,109	6,109	6,109	6,109	30,545
TOTAL	6,109	6,109	6,109	6,109	6,109	30,545

PUBLIC SCHOOL CONSTRUCTION PROGRAM

Qualified Zone Academy Bond (QZAB) Program (Statewide) FY 2017 Total \$4,680

The Qualified Zone Academy Bond (QZAB) Program was authorized by the federal government to enable the States and local government agencies to sell bonds. The proceeds of these bonds could be used for capital improvements, repairs, and deferred maintenance for work in existing public schools that meet certain eligibility criteria. The schools must serve economically disadvantaged areas, and there must be business participation in the schools' academic programs or total project cost. The program requires a ten percent private funding match. In Maryland, the State sells bonds on behalf of all the subdivisions, and distributes the proceeds to approved eligible projects. A unique financial feature of the QZAB is that the financial institution that purchases the QZAB will receive a tax credit against its annual federal tax liability in lieu of interest payments from the State. The State only repays the principal to the bond purchaser. FY 2017 project allocations will be determined based on future applications for eligible projects. Specific projects are determined after passage of the budget based on review of applications from local education agencies statewide. Projects at designated "Breakthrough Center Schools" receive preference in the selection process.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	4,680	-	-	-	-	4,680
TOTAL	4,680	-	-	-	-	4,680

Non-Public Aging Schools Program (Regional) FY 2017 Total \$3,500

Provide grants to nonpublic schools currently participating in the Maryland Nonpublic Student Textbook Program for renovations and improvements to existing school buildings. Funds will be distributed to nonpublic schools for expenditures eligible under the Public School Construction Program (PSCP) Aging Schools Program established in Section 5-206 of the Education Article, including school security improvements. Payment for work completed under this program will be through reimbursement to the grant recipient. No matching grant is required, but the nonpublic school shall be responsible for all project costs exceeding the amount of the grant.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	3,500	-	-	-	-	3,500
TOTAL	3,500	-	-	-	-	3,500

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	314,289	276,109	276,109	276,109	276,109	1,418,725
TOTAL	314,289	276,109	276,109	276,109	276,109	1,418,725

Total Program - Public School Construction Program

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	314,289	276,109	276,109	276,109	276,109	1,418,725

BOARD OF PUBLIC WORKS

SUMMARY

The Board of Public Works ensures that State expenditures are necessary, appropriate, fair, and lawful. To this end, the Board, which consists of the Governor, Comptroller, and Treasurer, approves State contracts. The Board also authorizes capital improvements for State government offices, District Court facilities, and several Statewide programs including major facilities renewal projects for building maintenance at State buildings and fuel storage tank replacements. These programs and facilities are generally managed by the Department of General Services (DGS).

DGS is responsible for building and managing State-owned facilities and for procuring leased spaces for State agencies. DGS also oversees daily operations at State-owned facilities, such as providing maintenance and security. DGS manages approximately 6.3 million square feet of State-owned facilities and approximately 4.6 million square feet of leased facilities. DGS' overall goals are to provide State workers and citizens with facilities that are safe and secure and on the forefront in energy efficiency.

The Judiciary, in the context of the State's Capital Budget, refers to State-owned facilities including the Courts of Appeal, Administrative Offices of the Courts, and District Courts. The Court of Appeals is located in Annapolis, as required by the State Constitution. The District Courts are located in 12 districts throughout the State, with at least one judge presiding in each County and in Baltimore City.

The FY 2017 - FY 2021 Capital Improvement Program is primarily focused on providing funds to address urgent facilities upgrades and repairs to ensure State agencies remain operational. Funding is also provided to individual facilities projects to resolve health and safety issues, correct severe spatial deficits, improve operational effectiveness, and respond to other pressing needs for DGS and the Judiciary.

Total authorized funds for statewide programs included in the current Capital Improvement Program between FY 1999 and FY 2016 were as follows:

- \$181,499,000 for facilities renewal projects
- \$8,834,000 for construction contingencies
- \$2,400,000 for fuel storage tank replacement

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

Fuel Storage Tank Replacement Program (PC): Funding for this program has been added to correct and remediate State-owned fuel storage tanks that are currently leaking or likely to start leaking, to avoid environmental contamination and regulatory fines.

Salisbury District Court/Multiservice Center Land Acquisition (A): Funding has been added for this project to acquire land currently occupied by the Salisbury District Court/Multiservice Center but owned by the City of Salisbury to comply with contractual agreements and achieve long term savings.

Deletions:

None

Changes to FY 2018 - FY 2020

State House Security Upgrades: This project has been deleted from the CIP because the proposed improvements would not have a useful life of 15 years. Accordingly, this project is not eligible for capital

BOARD OF PUBLIC WORKS

funds.

Shillman Building Conversion: Funding for this project has been added to FY 2020 to correct life safety issues in the Baltimore City District Court's Civil Division Courthouse.

New Courts of Appeal Building: Funding for this project has been deferred from FY 2020 to FY 2021 to meet debt affordability ratios. A site for this new building has not been determined.

Renovation of the Legislative Services Building: This project has been deleted from the CIP to meet debt affordability ratios.



BOARD OF PUBLIC WORKS

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

ANNAPOLIS STATE GOVERNMENT CENTER

Budget Code: DE0201

Annapolis Post Office Renovation (Anne Arundel) FY 2017 Total **\$750**

Renovate the Annapolis Post Office building. This building will provide needed office space for the State Executive Department in downtown Annapolis in close proximity to the State House, Government House, and other State office buildings, where available office space is severely limited. Renovation of the existing 24,534 GSF building will include hazardous material abatement, the complete renovation of the building infrastructure including the HVAC, plumbing, electrical, roof, windows, and floors, restoration of the interior and exterior historical components of the building, ADA accessibility, and build-out of the interior to meet tenant needs. A prior appropriation will be utilized to design the building. A future expansion could be accommodated on the current parking lot area. The FY 2017 budget includes \$750,000 to begin the renovation of the building.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	4,133	750	4,159	-	-	-	9,042
TOTAL	4,133	750	4,159	-	-	-	9,042
<u>Use</u>							
Acquisition	3,209	-	-	-	-	-	3,209
Planning	583	-	-	-	-	-	583
Construction	341	750	3,859	-	-	-	4,950
Equipment	-	-	300	-	-	-	300

Subtotals for Annapolis State Government Center

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	750	4,159	-	-	-	4,909
TOTAL	750	4,159	-	-	-	4,909

BOARD OF PUBLIC WORKS

GENERAL STATE FACILITIES

Budget Code: DE0201

Facilities Renewal Fund (Statewide) FY 2017 Total \$15,000

Provide funds for the repair and rehabilitation of State-owned capital facilities. This is a continuing long-term effort which will require funding beyond FY 2021. Projects funded in this program cost more than \$100,000 and less than \$2,500,000. The specific appropriation is for non-higher education projects. University System of Maryland facilities renewal projects are funded with a separate appropriation to the University System of Maryland. Other higher education facilities renewal projects are funded with a separate appropriation in the operating budget. The FY 2017 budget includes funding for 27 projects in nine jurisdictions.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	15,000	15,000	15,000	15,000	15,000	75,000
TOTAL	15,000	15,000	15,000	15,000	15,000	75,000

Facilities Renewal Fund Project List

<u>Subdivision</u>	<u>Project</u>	<u>Total Cost</u>	<u>Prior Auth.</u>	<u>State Funding</u>		<u>Total State Share</u>
				<u>FY 2017 Request</u>	<u>Future Request</u>	
Anne Arundel	DGS - Crownsville 100 Community Place - HVAC	1,369	-	1,369 C	-	100%
Anne Arundel	DGS - Repair/Replace Broken Roof Slate - Government House	100	-	100 PC	-	100%
Anne Arundel	DGS - Replace Fire Alarm - Legislative Services	650	-	650 PC	-	100%
Anne Arundel	DGS - Replace Main Electrical Panel - Public Buildings and Grounds, Central Services Building	500	-	500 PC	-	100%
Anne Arundel	MSP - Annapolis Barrack 'J' - Mech./Elec./Plumb.	2,450	-	2,450 PC	-	100%
Baltimore City	DGS - Replace Roof Membrane - William D. Schaefer Tower	685	-	685 PC	-	100%
Baltimore City	DGS - Replace Roofing System - 500 N. Hilton	125	-	125 PC	-	100%
Baltimore City	DHMH - Replace Roof - RICA Baltimore	530	-	530 C	-	100%
Baltimore City	DPSCS - Replace Roof - BCDC Jail Industries Building	381	-	381 PC	-	100%
Baltimore City	DPSCS - Replace Roof - Maryland Reception, Diagnostic, and Classification Center	950	-	950 PC	-	100%

BOARD OF PUBLIC WORKS

Baltimore City	MSDE - Replace Roof - Maryland Rehabilitation Center, Mechanical Penthouse	193	-	193 PC	-	100%
Baltimore Co.	DHMH - Repair Elevator - Spring Grove Hospital, Tawes Building	210	-	210 PC	-	100%
Baltimore Co.	DHMH - Replace Roof - Spring Grove Hospital, Maintenance Mall	141	-	141 PC	-	100%
Baltimore Co.	MSP - Replace Roof - Headquarters Building C	150	-	150 PC	-	100%
Calvert	JPPM - MAC Lab - HVAC and Building Envelope	1,610	-	1,610 PC	-	100%
Garrett	DJS - Replace Metal Roof - Backbone Youth Center Gymnasium	150	-	150 PC	-	100%
Howard	DHMH - Patient Safety Enhancements - Clifton T. Perkins Hospital	640	-	640 PC	-	100%
Howard	DHMH - Replace Sprinkler System and Ceilings - Clifton T. Perkins Hospital Administration Building	265	-	265 PC	-	100%
Howard	DPSCS - Replace Roof - Central Laundry Building	265	-	265 PC	-	100%
Howard	DPSCS - Replace Roof - Patuxent Institution, Women's Facility	136	-	136 PC	-	100%
Montgomery	DHMH - Replace Roof - RICA Montgomery, Admin/School	442	-	442 PC	-	100%
Montgomery	DHMH - Replace Snow Guard System - RICA Montgomery	120	-	120 PC	-	100%
Somerset	DPSCS - Replace Cell Door Tracks - ECI	653	-	653 PC	-	100%
Washington	DHMH - Replace HVAC Phase II - Potomac Center, Administration Building	1,080	530 PC	550 PC	-	100%
Washington	DPSCS - Replace Roof - MCI Hagerstown, Central Warehouse	890	-	890 PC	-	100%
Washington	DPSCS - Replace Roof - MCI Hagerstown, Power Plant	480	-	480 PC	-	100%
Washington	DPSCS - Replace Roof System - MCI Hagerstown, Main Building	365	-	365 PC	-	100%
TOTAL		15,530	530	15,000	-	

BOARD OF PUBLIC WORKS

Fuel Storage Tank System Replacement Program (Statewide) FY 2017 Total \$1,700

Provide funds to remove, replace, or upgrade State-owned fuel storage tanks. This program is primarily designed to correct gasoline fuel storage tank deficiencies at Maryland State Police barracks throughout the State. A significant number of existing underground gasoline fuel storage tanks at these locations have reached, or are nearing the end of their useful lives, and should be replaced and/or upgraded to eliminate or prevent leakage problems and related soil contamination. Fuel leaks can contaminate groundwater and cause other environmental damage. Leaking tanks may also subject the State to significant regulatory penalties. The FY 2017 budget includes funding for five projects in five jurisdictions.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	1,700	2,000	1,000	1,000	1,000	6,700
TOTAL	1,700	2,000	1,000	1,000	1,000	6,700

Fuel Storage Tank System Replacement Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Anne Arundel	Annapolis Government Center	500	100 P	400 PC	-	100%
Baltimore City	Baltimore Office Center	400	100 P	300 C	-	100%
Baltimore Co.	MSP Headquarters	725	65 P	660 PC	-	100%
Calvert	MSP Barrack 'U' - Prince Frederick	260	85 P	175 C	-	100%
Garrett	MSP Barrack 'W' - McHenry	175	75 P	100 C	-	100%
Statewide	Contingency	110	45 C	65 C	-	100%
TOTAL		2,170	470	1,700	-	

Salisbury District Court/Multi-Service Center Property Acquisition (Wicomico) FY 2017 Total \$400

Acquire a parcel of land, currently leased by the State, from the City of Salisbury to serve the Salisbury District Court/Multiservice Center. This building provides combined services of a district court and other State agencies including the Department of Juvenile Services, Parole and Probation, and Department of Veterans Affairs. The City of Salisbury entered into a lease with the State in 1984 for a parcel intended for use as a surface parking lot for the Salisbury District Court/Multiservice Center. The lease has expired and the State is required to purchase the parcel. Approximately half of the Salisbury District Court/Multiservice Center building is located within the parcel's boundaries. The other half is used for parking at the facility. The FY 2017 budget includes funding to acquire the parcel.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	400	-	-	-	-	400
TOTAL	-	400	-	-	-	-	400
<u>Use</u>							
Acquisition	-	400	-	-	-	-	400

BOARD OF PUBLIC WORKS

Construction Contingency Fund (Statewide)

Provide funds for the Construction Contingency Fund. This Fund enables the Board of Public Works to award a construction contract or authorize payment for project change orders for previously authorized capital projects when the existing funds are insufficient to complete the project. The fund may also be used to conduct value engineering on previously authorized projects. Funds provided once every two years should be sufficient to ensure the Fund maintains a sufficient balance, given uncertainty surrounding the construction market and future needs.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	2,500	-	2,500	-	5,000
TOTAL	-	2,500	-	2,500	-	5,000

Subtotals for General State Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	17,100	19,500	16,000	18,500	16,000	87,100
TOTAL	17,100	19,500	16,000	18,500	16,000	87,100

DISTRICT COURTS

Budget Code: DE0201

New Catonsville District Court (Baltimore Co.)

FY 2017 Total \$28,501

Construct a new 74,312 NSF/128,798 GSF, seven-courtroom District Court and Multiservice Center facility in Catonsville with an adjacent 425-space parking garage. The courtrooms, offices, and support space of the existing building are not sufficient. With only three courtrooms and inefficient support spaces such as public parking, this facility lacks the space to effectively conduct the Court's business. The current structure also has serious climate control deficiencies and lacks adequate security provisions. The new facility will correct these deficiencies by providing seven courtrooms, space to serve court-related agencies, an adequate parking garage for staff and patrons, improved safety and security provisions, and updated HVAC and building systems. The new facility will house the District Court of Maryland, Parole and Probation/Drinking Driver Monitoring Program, the Department of Juvenile Services, and the Maryland Department of General Services. The FY 2017 budget includes funding to complete courthouse design, begin construction of the courthouse, begin parking garage design, and begin site work for the parking garage.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	6,750	28,501	41,550	-	-	-	76,801
TOTAL	6,750	28,501	41,550	-	-	-	76,801
<u>Use</u>							
Acquisition	2,850	-	-	-	-	-	2,850
Planning	3,900	735	697	-	-	-	5,332
Construction	-	27,766	40,853	-	-	-	68,619

BOARD OF PUBLIC WORKS

Shillman Building Conversion - Baltimore City District Court Civil Division (Baltimore City)

Renovate the Shillman Building located at 500 N Calvert Street in Baltimore City to house the seven-courtroom civil division of the Baltimore City District Court. The civil division's existing leased facility has inadequate space for court functions; maintenance problems such as flooding, missing ceiling tiles, and peeling paint; poor air circulation due to an overtaxed HVAC; and an unsecured parking lot. It also fails to comply with ADA accessibility standards. The building currently occupied is owned by Baltimore City and would be impossible to renovate to correct most of these deficiencies. The civil division has been unable to find other suitable and affordable property in downtown Baltimore City, necessary to make court services accessible to Baltimore City residents. Renovation of the Shillman Building will provide a modified design that is more suitable to accommodate court services and spaces, such as courtrooms. The estimated cost of this project totals \$30,513,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	-	961	1,175	2,136
TOTAL	-	-	-	-	961	1,175	2,136

<u>Use</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Planning	-	-	-	-	961	1,175	2,136

Subtotals for District Courts

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	28,501	41,550	-	961	1,175	72,187
TOTAL	28,501	41,550	-	961	1,175	72,187

BOARD OF PUBLIC WORKS

ADMINISTRATIVE OFFICE OF THE COURTS

Budget Code: CA0001

New Courts of Appeal Building (Anne Arundel)

Construct a new Courts of Appeal Building to include courtrooms and office space for the Maryland Court of Appeals and Court of Special Appeals. The existing facility does not provide sufficient space for storage and personnel, including judges and their staff. The new facility will include a sufficient number of chambers for judges for the Court of Appeals and the Court of Special Appeals; offices for clerks and judges' staffs; and the State Law Library. Additionally, the new Courts of Appeal Building will resolve structural and HVAC issues present in the current building since its opening. The site of the new Courts of Appeal Building will be located in Annapolis, as mandated by the Maryland Constitution. This project will be the first of three phases to consolidate Judiciary administrative and support offices into one central State-owned complex. This consolidation will resolve issues related to the current decentralized, primarily rented facilities. The estimated total cost of this project is \$112,200,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	-	-	3,089	3,089
TOTAL	-	-	-	-	-	3,089	3,089
<u>Use</u>							
Planning	-	-	-	-	-	3,089	3,089

Subtotals for Administrative Office of the Courts

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	-	3,089	3,089
TOTAL	-	-	-	-	3,089	3,089

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	46,351	65,209	16,000	19,461	20,264	167,285
TOTAL	46,351	65,209	16,000	19,461	20,264	167,285

Total Program - Board of Public Works

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	46,351	65,209	16,000	19,461	20,264	167,285

ST. MARY'S COLLEGE OF MARYLAND

SUMMARY

St. Mary's College of Maryland is a four-year liberal arts college and has been designated as Maryland's "Public Honors College." The College's campus master plan proposes the construction of new academic space and the renovation of existing buildings to address substantial space deficits in classroom and lab space. The addition of a senior thesis requirement for all students has placed further demands on existing lab space. To address these needs, the College is proposing to construct a New Academic Building and Auditorium to provide the needed studio and class lab space to meet the increased demands.

The College is also underway with the reconstruction of Anne Arundel Hall in order to provide academic and research space to accommodate the needs of both the College and Historic St. Mary's City. This joint initiative, known as the Maryland Heritage Project, aims to increase the knowledge of the connections between Maryland's founding and the evolution of American democracy.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Relocation of Athletic Fields (P): This project has been combined with the New Academic Building and Auditorium project.

Changes to FY 2018 - FY 2020

None

ST. MARY'S COLLEGE OF MARYLAND

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

ST. MARY'S COLLEGE OF MARYLAND

Budget Code: RD00

Campus Infrastructure Improvements (St. Mary's) FY 2017 Total \$2,641

Construct various infrastructure improvements on the St. Mary's College of Maryland campus. The project consists of three phases in order to facilitate funding and design where required. The scope includes a wide range of infrastructure renewal projects throughout the campus to address safety issues and poor building conditions, such as failing building systems and infrastructure. Various projects include: construction of a pedestrian/bicycle pathway and bridge along MD Route 5; replacement of HVAC components at the Library and Montgomery Hall; providing new windows and HVAC upgrades at Calvert Hall; and a variety of site improvements. This project includes \$1,741,000 in federal funds from a Transportation Alternatives Program grant for the pedestrian and bicycle trail component of the project. The FY 2017 budget includes funding for design and construction of Phase IA of the project, which will construct a pedestrian and bicycle pathway along MD Route 5 and sidewalks and lighting along Trinity Church Road.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	900	2,440	2,889	4,081	-	10,310
Federal Funds	-	1,741	-	-	-	-	1,741
TOTAL	-	2,641	2,440	2,889	4,081	-	12,051
<u>Use</u>							
Planning	-	100	395	341	360	-	1,196
Construction	-	2,541	2,045	2,548	3,721	-	10,855

ST. MARY'S COLLEGE OF MARYLAND

New Academic Building and Auditorium (St. Mary's) FY 2017 Total **\$1,800**

Relocate athletic field and track and construct a new 30,856 NASF/52,289 GSF academic building on the site to provide space for the College's Music department, Educational Studies department, a learning commons study space, and a 700-seat auditorium. An artificial turf field and 2,860 NASF/4,147 GSF support facility will also be constructed with the relocated athletic field. The Music department is currently housed in Montgomery Hall, a 37-year-old building which has obsolescent facilities and is severely overcrowded. The Education department is currently housed in Goodpaster Hall, adjacent to science disciplines. The move to the new facility will alleviate space deficiencies in both buildings, and it will provide the Music and Educational Studies departments with appropriate classrooms, labs, rehearsal and practice rooms, offices and support spaces to eliminate space deficits and meet their requirements. The auditorium will rectify the College's deficiency in assembly space. Site work for this project includes expansion of an existing parking lot, landscaping and relocation of existing utilities. The College will contribute \$2,500,000 in private funds for relocating the athletic field. The project is estimated to cost \$75,992,000. The FY 2017 budget includes funding to begin design of the project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	1,800	6,295	6,687	17,458	35,766	68,006
Non-Budgeted Funds	-	-	-	2,500	-	-	2,500
TOTAL	-	1,800	6,295	9,187	17,458	35,766	70,506

<u>Use</u>							
Planning	-	1,800	3,490	2,200	1,000	851	9,341
Construction	-	-	2,785	6,887	16,458	32,915	59,045
Equipment	-	-	20	100	-	2,000	2,120

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,700	8,735	9,576	21,539	35,766	78,316
Federal Funds	1,741	-	-	-	-	1,741
TOTAL	4,441	8,735	9,576	21,539	35,766	80,057

Total Program - St. Mary's College of Maryland

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,700	8,735	9,576	21,539	35,766	78,316
Federal Funds	1,741	-	-	-	-	1,741
TOTAL	4,441	8,735	9,576	21,539	35,766	80,057

DEPARTMENT OF STATE POLICE

SUMMARY

The Department of State Police protects the lives and property of Maryland's citizens by enforcing the State's motor vehicle and criminal laws and analyzing crime scene evidence. As the State's lead law enforcement agency, the Department has statewide law enforcement jurisdiction, except in incorporated municipalities. The State Police currently coordinate field operations from 23 barracks located throughout the State.

The FY 2017 - FY 2021 Capital Improvement Program includes funding to construct a new State Police Barrack and Garage in Cumberland.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018- FY 2020

None

DEPARTMENT OF STATE POLICE

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

DEPARTMENT OF STATE POLICE

Budget Code: WA01

Barrack C - Cumberland: New Barrack and Garage (Allegany)

Construct a barrack, garage, and radio tower to replace Barrack "C" in Cumberland. Barrack C was constructed in 1956 as a combined residence and operations center for 10 to 20 troopers. There are now 50 sworn and 15 civilian personnel assigned to the barrack. The barrack is old, obsolete, and poorly configured to meet modern police requirements. The multi-floor configuration of the existing barrack has led to slip/fall injuries to troopers causing them to be placed on extended light duty. The configuration of cells and detainee processing areas violates regulations requiring the separation of juveniles and adults. The new barrack will be a modern facility that meets all standards and rectifies many of this station's current problems.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	550	4,808	4,593	-	9,951
TOTAL	-	-	550	4,808	4,593	-	9,951

<u>Use</u>							
Planning	-	-	550	176	-	-	726
Construction	-	-	-	4,432	4,433	-	8,865
Equipment	-	-	-	200	160	-	360

Subtotals for State-Owned Facilities

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		-	550	4,808	4,593	-	9,951
TOTAL		-	550	4,808	4,593	-	9,951

Total Program - Department of State Police

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		-	550	4,808	4,593	-	9,951

UNIVERSITY OF MARYLAND MEDICAL SYSTEM

SUMMARY

The University of Maryland Medical System (UMMS) is a private, nonprofit corporation created to manage the formerly State-operated University of Maryland Hospital and Shock Trauma Center. UMMS was previously part of the University System of Maryland and remains closely linked to the University of Maryland, Baltimore School of Medicine. The principal components of UMMS, in downtown Baltimore, include: the University of Maryland Medical Center, which includes the R Adams Cowley Shock Trauma Center and the Greenebaum Cancer Center; the University Specialty Hospital; and the William Donald Schaefer Rehabilitation Center at Kernan Hospital in West Baltimore. Many of the existing UMMS facilities in downtown Baltimore were constructed over 50 years ago and are obsolete. Over the past several years, UMMS has been constructing new diagnostic and treatment facilities and modernizing its existing buildings to house support functions.

The Baltimore Washington Medical System, Chester River Health System, Civista Health System, Maryland General Health Systems, Shore Health System, the University of Maryland St. Joseph Medical Center, and the Upper Chesapeake Health System are also part of the University of Maryland Medical System.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

None

Changes to FY 2018 - FY 2020

Neonatal Intensive Care Unit, Labor and Deliver Suite, Infrastructure Upgrades, Outpatient Center: Infrastructure Upgrades and the construction of a new Outpatient Center have been added to the scope of this project. Funding has been added for FY 2019 to complete the State share of these projects.

UNIVERSITY OF MARYLAND MEDICAL SYSTEM

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

UNIVERSITY OF MARYLAND MEDICAL SYSTEM

Budget Code: RQ00

**R Adams Cowley Shock Trauma Center Renovation - Phase II
(Baltimore City)**

FY 2017 Total \$5,250

Renovate the R Adams Cowley Shock Trauma Center at the University of Maryland Medical Center (UMMC) to replace major mechanical systems, modernize north-side patient rooms, and upgrade clinical equipment. The existing Shock Trauma Center opened in 1987, and many of its building systems and patient care rooms are over 20 years old. Due to their age, upgrades to the building systems and patient rooms are needed. The project will enhance the Shock Trauma Center's physical infrastructure and technological systems and allow UMMC to improve patient care. The State's commitment totals \$17.5 million, and \$17.5 million in matching funds will come from University of Maryland Medical System cash from operations. The FY 2017 budget includes funding to renovate mechanical and electrical systems and replace clinical equipment of the R Adams Cowley Shock Trauma Center.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	8,650	5,250	1,600	2,000	-	-	17,500
Non-Budgeted Funds	12,457	1,500	3,543	-	-	-	17,500
TOTAL	21,107	6,750	5,143	2,000	-	-	35,000
<u>Use</u>							
Planning	5,300	-	-	-	-	-	5,300
Construction	14,169	5,250	4,200	1,168	-	-	24,787
Equipment	1,025	1,500	943	832	-	-	4,300
Other	612	-	-	-	-	-	612

UNIVERSITY OF MARYLAND MEDICAL SYSTEM

Neonatal Intensive Care Unit, Labor and Delivery Suite, Infrastructure Upgrades, Outpatient Center (Baltimore City) **FY 2017 Total \$4,000**

Construct a five-story, 97,000 square foot Outpatient Center on the University of Maryland Medical Center (UMMC)- Midtown Campus, renovate and expand the Neonatal Intensive Care Unit (NICU) and the Labor and Delivery Suite at UMMC, and modernize the elevator infrastructure in North and South buildings at UMMC. Before the project began, NICU facilities suffered from insufficient space, inefficient space configuration, and outdated infrastructure, which negatively impacted the level of care available. The renovated NICU provides additional bassinets as well as space for individual rooms that support privacy, infection control, family involvement, and the latest medical equipment. The Labor and Delivery Suite facilities similarly suffer from a lack of space, inefficient space configuration, and outdated infrastructure. The renovated Labor and Deliver Suite will provide more spacious rooms to better accommodate families, staff, and medical equipment. The Outpatient Center building will provide the appropriate physical space for ambulatory services which are necessary for proper care coordination among medical professionals. The infrastructure upgrades project will replace 11 elevators in the North and South hospitals in addition to upgrading emergency power and ventilation systems in the elevator banks. The FY 2017 budget includes funding for the design, construction, and equipping of these projects.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	26,000	4,000	10,000	10,000	-	-	50,000
Non-Budgeted Funds	31,145	44,250	9,969	-	-	-	85,364
TOTAL	57,145	48,250	19,969	10,000	-	-	135,364

<u>Use</u>							
Planning	7,400	1,550	-	-	-	-	8,950
Construction	40,745	46,050	18,000	9,719	-	-	114,514
Equipment	4,500	650	1,969	281	-	-	7,400
Other	4,500	-	-	-	-	-	4,500

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	9,250	11,600	12,000	-	-	32,850
TOTAL	9,250	11,600	12,000	-	-	32,850

Total Program - University of Maryland Medical System

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	9,250	11,600	12,000	-	-	32,850
TOTAL	9,250	11,600	12,000	-	-	32,850

UNIVERSITY SYSTEM OF MARYLAND

SUMMARY

The University System of Maryland (USM) includes the State's "flagship" public institution of higher education at College Park and nine other major institutions: Coppin State University; the University of Baltimore, and University of Maryland, Baltimore in Baltimore City; Towson University and the University of Maryland Baltimore County in Baltimore County; Frostburg State University in Allegany County; Bowie State University in Prince George's County; Salisbury University in Wicomico County; and the University of Maryland Eastern Shore in Somerset County. The System also operates the University of Maryland Center for Environmental Science, with research centers in Allegany, Calvert and Dorchester Counties; a network of agricultural experiment stations throughout the State; and University of Maryland University College, headquartered in Prince George's County, which offers programs throughout the State. USM also operates Regional Higher Education Centers in Montgomery, Harford and Washington counties.

The FY 2017 - FY 2021 Capital Improvement Program focuses on two primary goals: 1) construction of new academic facilities to accommodate enrollment growth and to enhance instructional programs; and 2) modernization of existing facilities, many of which were constructed decades ago, to bring them into compliance with current codes.

New Instructional Facilities: Over the next ten years, the Maryland Higher Education Commission projects that enrollment at USM institutions will grow by 24,379 students (from 162,000 to 186,379), a 15% increase. While much of the growth is expected to occur in part-time enrollments at the University of Maryland University College, the traditional campuses are expected to grow by about 9,742 students, or 8.5%. To accommodate this growth, the Capital Improvement Program includes funds to construct and/or renovate instructional facilities at several of the System's comprehensive institutions.

Capital Facilities Renewal: System institutions have a backlog of projects to modernize existing facilities. Many of these facilities were constructed decades ago and need to be upgraded to meet current code requirements, incorporate modern telecommunications and information technology, and improve the quality of space. The costs of these projects are estimated to be \$1.77 billion. The Capital Improvement Program provides \$85 million over five years to support many projects costing \$1 million or less each, known as facilities renewal projects, as well as approximately \$827 million to support major renovation and replacement projects.

To accomplish both of the goals identified above, the Capital Improvement Program provides an average of \$192 million a year in State general obligation bonds. In FY 2017, the System will contribute \$24.5 million per year through the sale of academic revenue bonds, which are not a debt obligation of the State. In FY 2018 through FY 2021, the System will contribute between \$24.5 to \$34 million each year in academic revenue bonds.

In addition to the projects included in the State's Capital Improvement Program, the University System, through the issuance of auxiliary revenue bonds, also provides funding for auxiliary facilities projects, such as student housing and parking facilities. Those projects are listed at the end of this section and are not included in the totals for the Capital Improvement Program.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

UMB – Central Electric Substation and Infrastructure Upgrades (AP): Funding has been added to address infrastructure deficiencies which involve significant safety risks.

UMCP – New Cole Field House (PC): Funding has been included to accelerate the construction of this

UNIVERSITY SYSTEM OF MARYLAND

project. This project leverages private funds.

UMCP – Brendan Iribe Center for Computer Science (C): Funding has been included to accelerate the project. This project was preauthorized by the General Assembly and leverages private funds.

SU – Sea Gull Stadium (C): Funding has been added to support athletic activities at Salisbury University and to ensure its facilities are comparable to other institutions in its athletic conference.

USMO – Southern Maryland Higher Education Center (P): Funding has been added to accelerate economic development in Southern Maryland. The expanded Center will support the emerging autonomous aviation field.

Deletions:

CSU – Percy Julian Building Renovation (P): Due to limited debt capacity, funding has been deferred from FY 2017 to FY 2019.

UMCES – New Information and Communications Services Building (P): Due to limited debt capacity, funding has been deferred beyond the Capital Improvement Program.

USMO – Biomedical Sciences and Engineering Education Facility (C): Due to limited debt capacity, funding has been deferred from FY 2017 to FY 2020.

Changes to FY 2018 - FY 2020

UMCP – Campuswide Building System and Infrastructure Improvements: GO Bond funding in FYs 2019 and 2020 has been eliminated to accommodate other University priorities.

TU – New College of Health Professions Building: Due to limited debt capacity, funding has been deferred from FY 2018 to FY 2020.

UMES – School of Pharmacy and Allied Health Professions: Funding for this project has been added beginning in FY 2019 to allow the School of Pharmacy to address facility issues cited in comments of the accrediting agency.

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FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

UNIVERSITY OF MARYLAND, BALTIMORE

Budget Code: RB21

Health Sciences Research Facility III (Baltimore City) FY 2017 Total \$81,000

Construct a new 224,986 NASF/428,970 GSF research building for the Schools of Medicine, Pharmacy and Dentistry. The facility will be located on the site formerly occupied by Hayden-Harris Hall at 666 West Baltimore Street in Baltimore City. Approximately one-third of the building will be used for functions currently in the Medical School Teaching Facility to enable the phased renovation of that building. The remaining two-thirds of the facility will address the campus's need for additional research space to support growth in federal and private sponsored research. Non-budgeted funds consist of donations from the University of Maryland Medical System and alumni of the University. The FY 2017 budget includes funding to continue construction of the facility as well as equipment funds.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	155,792	81,000	3,600	-	-	-	240,392
Non-Budgeted Funds	41,050	14,150	9,800	-	-	-	65,000
TOTAL	196,842	95,150	13,400	-	-	-	305,392

<u>Use</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Planning	26,242	-	-	-	-	-	26,242
Construction	170,600	74,650	3,400	-	-	-	248,650
Equipment	-	20,500	10,000	-	-	-	30,500

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Central Electric Substation and Electrical Infrastructure Upgrades (Baltimore City)

FY 2017 Total \$5,000

Construct a new electric substation at the northern end of the University of Maryland, Baltimore campus and upgrade the existing electrical infrastructure serving the campus. The scope of work includes providing redundancy for the campus by constructing a new electric substation that is fed from a second Baltimore Gas and Electric (BGE) source, new duct banks throughout the campus, new cables, and the upgrading of the existing substation located beneath the University of Maryland Medical Center facility. Also included in the scope of work is the relocation of the UMB Recycling Center and acquisition of a site for its location. This work is critical to the UMB schools and programs that are dependent on reliable, uninterrupted electrical service. The project will be phased over many years with the first phase being the design of the substation and the infrastructure components plus the acquisition of land for the new substation. Subsequent phases will include construction of the new substation, construction of new duct banks throughout the campus, connecting new duct banks to all campus buildings, and upgrading of the existing substation. The FY 2017 budget includes funding to acquire a site and to design the proposed multi-phased improvements. The total estimated project cost is \$79,412,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	5,000	2,890	11,000	12,000	12,000	42,890
TOTAL	-	5,000	2,890	11,000	12,000	12,000	42,890
<u>Use</u>							
Acquisition	-	1,000	-	-	-	-	1,000
Planning	-	4,000	2,890	-	-	-	6,890
Construction	-	-	-	11,000	11,900	12,000	34,900
Equipment	-	-	-	-	100	-	100

Subtotals for University of Maryland, Baltimore

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	86,000	6,490	11,000	12,000	12,000	127,490
TOTAL	86,000	6,490	11,000	12,000	12,000	127,490

UNIVERSITY SYSTEM OF MARYLAND

UNIVERSITY OF MARYLAND, COLLEGE PARK

Budget Code: RB22

A. James Clark Hall - New Bioengineering Building (Prince George's)

FY 2017 Total \$69,955

Construct a new 101,301 NASF/184,239 GSF facility to house the Robert E. Fischell Department of Bioengineering, the Robert E. Fischell Institute for Biomedical Devices and a central animal care facility for research animals. The Department of Bioengineering is growing rapidly and requires additional space to grow. The building will provide the bioengineering program with necessary research space and equipment which it currently lacks, as well as reduce the University's large space deficits in research, class lab, and classroom space. The central animal care facility in this building will meet the needs of the building occupants and also address some of the animal care space deficiencies of other research programs at the University. It will be located in the Northeast District of campus immediately north of the Jeong H. Kim Engineering Building. This project leverages \$21,960,000 in private and institutional funding. The FY 2017 budget includes funding to continue construction of the building.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	22,500	62,455	25,452	3,608	-	-	114,015
Revenue Bonds	20,000	7,500	5,000	-	-	-	32,500
Non-Budgeted Funds	21,960	-	-	-	-	-	21,960
TOTAL	64,460	69,955	30,452	3,608	-	-	168,475

Use

Planning	14,350	-	-	-	-	-	14,350
Construction	50,110	69,955	11,227	3,533	-	-	134,825
Equipment	-	-	19,225	75	-	-	19,300

Brendan Iribe Center for Computer Science and Innovation (Prince George's)

FY 2017 Total \$27,000

Construct a new 113,720 NASF/215,600 GSF facility for the Department of Computer Science and the University of Maryland Institute for Advanced Computer Studies (UMIACS). The building is needed to support the growth of the University's computer science teaching and research programs and to facilitate the integration of modern teaching and research activities into these programs. It will include classrooms, research labs, offices, conference rooms, collaborative classrooms, study space, and a multi-purpose community room. Designed with flexible spaces to maximize space use efficiency, the building will be adaptable to changing future needs. This building will support Maryland's and USM's Science, Technology, Engineering, and Math (STEM) initiatives and will be leveraged by private gifts of at least \$38,000,000. The FY 2017 budget includes funding to complete design and begin construction of the building.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	27,000	67,550	-	-	-	94,550
Revenue Bonds	-	-	10,000	-	-	-	10,000
Non-Budgeted Funds	9,028	24,809	4,163	-	-	-	38,000
TOTAL	9,028	51,809	81,713	-	-	-	142,550

Use

Planning	9,028	3,572	-	-	-	-	12,600
Construction	-	48,237	73,713	-	-	-	121,950
Equipment	-	-	8,000	-	-	-	8,000

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Edward St. John Learning and Teaching Center (Prince George's) FY 2017 Total \$5,100

Renovate Holzapfel Hall and construct an addition to create an 89,771 NASF/186,415 GSF Edward St. John Learning and Teaching Center containing 14 classrooms, nine general chemistry class labs, seminar rooms, technology support facilities, and student study and lounge spaces. This facility will house technology and instructional support staff, the Center for Teaching Excellence, and the Academy of Innovation and Entrepreneurship. In addition, the project includes the demolition of Shriver Hall and a portion of Holzapfel Hall, as well as the extension of utilities and related site improvements. Completion of this project will enable the University to replace obsolete, poorly configured instructional space in several buildings with state-of-the-art classrooms and class labs and recycle old rooms into support space. This project leverages \$10,000,000 in private funds and \$7,550,000 in institutional funds. The FY 2017 budget includes funding to complete construction and equip this project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	89,380	5,100	-	-	-	-	94,480
Non-Budgeted Funds	17,550	-	-	-	-	-	17,550
TOTAL	106,930	5,100	-	-	-	-	112,030

<u>Use</u>							
Planning	12,640	-	-	-	-	-	12,640
Construction	94,290	500	-	-	-	-	94,790
Equipment	-	4,600	-	-	-	-	4,600

New Cole Field House (Prince George's) FY 2017 Total \$3,000

Convert and expand Cole Student Activities Building to create a 212,453 NASF/287,951 GSF hub for innovation and a national model for integrating research, academics and athletics. The project will enable the University to grow its clinical and research programs in sports medicine and occupational health by creating a new Center for Sports Medicine, Health and Human Performance in partnership with the University of Maryland, Baltimore School of Medicine. Campus-wide instructional space deficits will be reduced through expanding the Academy for Innovation and Entrepreneurship. The University will also construct a Terrapin Performance Center, which will include a full-size indoor football field and new training facilities that are comparable to those of other football programs in the Big Ten Athletic Conference. Funding included in the State's five-year Capital Improvement Program is intended for the academic portions of this project. This project leverages \$130,000,000 in private and institutional funding. The FY 2017 budget includes funding to continue design and construction.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,000	3,000	12,185	7,815	-	-	25,000
Non-Budgeted Funds	26,046	65,836	38,118	-	-	-	130,000
TOTAL	28,046	68,836	50,303	7,815	-	-	155,000

<u>Use</u>							
Planning	11,332	1,877	731	335	-	-	14,275
Construction	16,714	66,959	45,539	6,013	-	-	135,225
Equipment	-	-	4,033	1,467	-	-	5,500

UNIVERSITY SYSTEM OF MARYLAND

Campuswide Building System and Infrastructure Improvements (Prince George's)

Upgrade campus fire protection systems and failing infrastructure to address critical needs arising from a \$907 million deferred maintenance backlog. This project will include: the installation or upgrade of fire alarm systems, fire sprinkler systems, and fire pump controllers; replacement of electrical gear; replacement of underground heating and cooling piping, domestic water piping; foundation drain piping and sanitary piping replacement of emergency generators and emergency power circuits; replacement of HVAC equipment; upgrades of exterior security lighting, exterior security cameras, and telephones; the addition of an uninterrupted power source to the campus Primary Data Center; repairs to various campus roads and bridges; and repair of campus storm drain outfalls, storm drain ponds, and the foundations of buildings. This project will prevent major service interruptions, improve life safety systems, and reduce on-going maintenance costs. The estimated cost of these improvements totals \$135,000,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	25,000	-	-	-	-	5,000	30,000
Revenue Bonds	20,000	-	-	5,000	10,000	10,000	45,000
TOTAL	45,000	-	-	5,000	10,000	15,000	75,000
<u>Use</u>							
Construction	45,000	-	-	5,000	10,000	15,000	75,000

Subtotals for University of Maryland, College Park

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	97,555	105,187	11,423	-	5,000	219,165
Revenue Bonds	7,500	15,000	5,000	10,000	10,000	47,500
TOTAL	105,055	120,187	16,423	10,000	15,000	266,665

UNIVERSITY SYSTEM OF MARYLAND

BOWIE STATE UNIVERSITY

Budget Code: RB23

Natural Sciences Center (Prince George's) FY 2017 Total \$31,501

Construct a 87,890 NASF/149,264 GSF Center for Natural Science, Mathematics and Nursing to replace and expand the facilities currently in the George M. Crawford Science Building. The new building will contain classrooms, class laboratories and research space for chemistry, biology and physics as well as shared spaces for the Nursing program and Mathematics. The existing space is functionally inadequate and too small to meet the needs of the Department of Natural Sciences, Mathematics, and Nursing. The proposed building will be constructed where the Wiseman Center is currently located. Once complete, the existing George M. Crawford Science Building will be demolished. The FY 2017 budget includes funds to complete construction and equip the building.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	70,670	31,501	-	-	-	-	102,171
TOTAL	70,670	31,501	-	-	-	-	102,171

<u>Use</u>							
Planning	8,602	-	-	-	-	-	8,602
Construction	62,068	28,201	-	-	-	-	90,269
Equipment	-	3,300	-	-	-	-	3,300

Subtotals for Bowie State University

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		31,501	-	-	-	-	31,501
TOTAL		31,501	-	-	-	-	31,501

UNIVERSITY SYSTEM OF MARYLAND

TOWSON UNIVERSITY

Budget Code: RB24

New Science Facility (Baltimore Co.)

FY 2017 Total \$6,150

Construct a new 184,730 NASF/316,000 GSF science facility on a vacant site on York Road to accommodate the College of Science and Mathematics. This project includes approximately 9,000 NASF/16,000 GSF that will be constructed as shell space to be fitted out by the University. The new facility will replace inadequate and insufficient space in Smith Hall where the Jess and Mildred Fisher College of Science and Mathematics is currently housed. The building systems within Smith Hall have reached the end of their useful lives, and the instructional areas do not provide appropriate flexibility for modern science curriculum. Additionally, Smith Hall does not have sufficient space to accommodate enrollment growth in the College of Science and Mathematics. The new science facility will result in the highest integration of teaching and research space as well as the most optimal and flexible building layout. The new science facility is essential to support the current and projected enrollment growth of the College of Science and Mathematics. This project, excluding the shell space that will be completed with non-State funds, will leverage \$17,000,000 in private and University funds. The FY 2017 budget includes funding to continue design of the building.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	5,700	6,150	36,000	62,150	52,819	-	162,819
Revenue Bonds	-	-	-	2,000	2,000	-	4,000
Non-Budgeted Funds	-	-	-	8,000	9,000	-	17,000
TOTAL	5,700	6,150	36,000	72,150	63,819	-	183,819
<u>Use</u>							
Planning	5,700	6,150	2,669	-	-	-	14,519
Construction	-	-	33,331	70,750	56,719	-	160,800
Equipment	-	-	-	1,400	7,100	-	8,500

UNIVERSITY SYSTEM OF MARYLAND

New College of Health Professions Building (Baltimore Co.)

Construct a new building to accommodate the Departments of Health Science, Nursing, Occupational Therapy, Communication Sciences and Disorders, Collaborative Programs, and the majority of Kinesiology. These units are now dispersed among five buildings, none of which has the quality or quantity of space needed to accommodate growing enrollments in the health professions. The new building will have classrooms and laboratories appropriately configured and equipped to meet the requirements of the respective departments. The facility will be sited near the new College of Liberal Arts Complex on land currently occupied by the Dowell Health Center, which will be demolished. The estimated cost of this project totals \$156,250,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	-	266	1,437	1,703
Revenue Bonds	-	-	-	-	5,000	5,000	10,000
TOTAL	-	-	-	-	5,266	6,437	11,703

<u>Use</u>							
Planning	-	-	-	-	5,266	6,437	11,703

Subtotals for Towson University

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		6,150	36,000	62,150	53,085	1,437	158,822
Revenue Bonds		-	-	2,000	7,000	5,000	14,000
TOTAL		6,150	36,000	64,150	60,085	6,437	172,822

UNIVERSITY SYSTEM OF MARYLAND

UNIVERSITY OF MARYLAND, EASTERN SHORE

Budget Code: RB25

School of Pharmacy and Allied Health Professions (Somerset)

Construct a new building for the new School of Pharmacy and Allied Health professions. The building will house the School of Pharmacy's Doctor of Pharmacy and Doctor of Pharmaceutical Sciences programs. Other proposed occupants include the Graduate Physician Assistants program, Doctor of Physical Therapy program, Rehabilitation Services program, and the Exercise Science Program (kinesiology) program. The existing facilities available to these academic disciplines are too small, lack modern instructional spaces, and are not centrally located. The new building will include classrooms, seminar rooms, computer labs, pharmacy practice labs (dispensing labs), a pharmacy information center, and resource rooms. The estimated project cost totals \$76,000,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	3,500	3,659	31,329	38,488
TOTAL	-	-	-	3,500	3,659	31,329	38,488

<u>Use</u>							
Planning	-	-	-	3,500	3,659	-	7,159
Construction	-	-	-	-	-	31,329	31,329

Subtotals for University of Maryland, Eastern Shore

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		-	-	3,500	3,659	31,329	38,488
TOTAL		-	-	3,500	3,659	31,329	38,488

UNIVERSITY SYSTEM OF MARYLAND

FROSTBURG STATE UNIVERSITY

Budget Code: RB26

Education Professions and Health Sciences Center (Allegany)

Construct a new facility for the College of Education, the Exercise and Sports Science program and the Nursing Program. The new building will also house the Student Wellness Center. The proposed occupants are currently located in four campus buildings that are too small and do not have adequate academic and support space. The lack of adequate space and modern technology limits enrollment growth, makes it difficult to deliver instruction efficiently, and to offer new academic programs. The new building will include modern classrooms, laboratories, offices, and support space. The estimated cost of this project totals \$75,000,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	5,900	-	29,324	35,224
TOTAL	-	-	-	5,900	-	29,324	35,224

<u>Use</u>							
Planning	-	-	-	5,900	-	1,295	7,195
Construction	-	-	-	-	-	26,029	26,029
Equipment	-	-	-	-	-	2,000	2,000

Subtotals for Frostburg State University

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		-	-	5,900	-	29,324	35,224
TOTAL		-	-	5,900	-	29,324	35,224

UNIVERSITY SYSTEM OF MARYLAND

COPPIN STATE UNIVERSITY

Budget Code: RB27

**Percy Julian Science Renovation for the College of Business
(COB) (Baltimore City)**

Renovate the 30,410 NASF/52,190 GSF Percy Julian Science and Art Building and construct a 4,690 NASF/12,200 GSF addition for the College of Business and the School of Graduate Studies. The Julian Science and Arts Building will be vacated when the new Science and Technology Center opens. The project will address critical needs of the University's graduate education mission and the School of Business by modernizing instructional and support spaces. The project will also make the building comply with current accessibility and building codes. The estimated cost of the project totals \$43,000,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	1,341	1,638	20,955	23,934
TOTAL	-	-	-	1,341	1,638	20,955	23,934

<u>Use</u>							
Planning	-	-	-	1,341	1,638	655	3,634
Construction	-	-	-	-	-	15,300	15,300
Equipment	-	-	-	-	-	5,000	5,000

Subtotals for Coppin State University

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		-	-	1,341	1,638	20,955	23,934
TOTAL		-	-	1,341	1,638	20,955	23,934

UNIVERSITY SYSTEM OF MARYLAND

UNIVERSITY OF BALTIMORE

Budget Code: RB28

Langsdale Library Renovation (Baltimore City) FY 2017 Total \$9,300

Renovate the existing 36,971 NASF/58,220 GSF Langsdale Library building to reconfigure interior space; to upgrade the mechanical, fire suppression, and electrical systems; and to comply with ADA standards. Langsdale Library is over 48 years old and has never had a major renovation since it was constructed in 1965. There is insufficient library study space, processing and office space, and the building systems have exceeded their useful lives. The building also leaks, and library collections are subject to damage. The project will allow the building to meet current library standards and provide modern office and library space to support staff and library functions. This project is leveraged with \$7 million of private funding to replace the facade and construct an atrium. These funds are shown as non-budgeted funds. The FY 2017 budget includes funds to complete design, and for construction and equipment.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	3,775	9,300	3,527	-	-	-	16,602
Non-Budgeted Funds	-	4,000	3,000	-	-	-	7,000
TOTAL	3,775	13,300	6,527	-	-	-	23,602

<u>Use</u>							
Planning	1,275	1,109	-	-	-	-	2,384
Construction	2,500	11,991	6,150	-	-	-	20,641
Equipment	-	200	377	-	-	-	577

Subtotals for University of Baltimore

<u>Source</u>		<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds		9,300	3,527	-	-	-	12,827
TOTAL		9,300	3,527	-	-	-	12,827

UNIVERSITY SYSTEM OF MARYLAND

SALISBURY UNIVERSITY

Budget Code: RB29

Sea Gull Stadium Turf Field Replacement (Wicomico) FY 2017 Total **\$575**

Replace the existing synthetic turf field. The binding on the existing turf has failed and the field has experienced a considerable amount of fiber loss. The surface of the field is uneven with depressions and holes which creates trip hazards for athletes. Consequently, it is has become unsafe to use. A new synthetic turf field will be installed to comply with current safety standards. The FY 2017 budget includes funding to construct the improvements.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	575	-	-	-	-	575
TOTAL	-	575	-	-	-	-	575

<u>Use</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Construction	-	575	-	-	-	-	575

Subtotals for Salisbury University

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	575	-	-	-	-	575
TOTAL	575	-	-	-	-	575

UNIVERSITY SYSTEM OF MARYLAND

UNIVERSITY OF MARYLAND BALTIMORE COUNTY

Budget Code: RB31

Interdisciplinary Life Sciences Building (Baltimore Co.) **FY 2017 Total** **\$2,640**

Construct a new 70,857 NASF/131,000 GSF building for interdisciplinary Science, Technology, Engineering and Mathematics (STEM) learning and life sciences research. The facility will include active learning classrooms, multi-disciplinary teaching labs, and technology-equipped seminar rooms that will allow course redesign to enhance student learning and success, leading to increased degree production in high-need areas of STEM programs. Flexible and modular research laboratories will allow the creation of cross-disciplinary research teams focused on scientific discoveries that advance the state's biotechnology industry. The integration of interdisciplinary life science research and STEM instruction will enhance undergraduate education and help the University compete for extramural research funding. The FY 2017 budget includes funds to complete design and for construction administration services.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	10,100	2,640	10,000	41,504	65,398	-	129,642
TOTAL	10,100	2,640	10,000	41,504	65,398	-	129,642
<u>Use</u>							
Planning	10,100	2,640	-	-	-	-	12,740
Construction	-	-	10,000	37,604	57,498	-	105,102
Equipment	-	-	-	3,900	7,900	-	11,800

Subtotals for University of Maryland Baltimore County

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,640	10,000	41,504	65,398	-	119,542
TOTAL	2,640	10,000	41,504	65,398	-	119,542

UNIVERSITY SYSTEM OF MARYLAND

UNIVERSITY SYSTEM OF MARYLAND OFFICE

Budget Code: RB36

Capital Facilities Renewal (Statewide)

FY 2017 Total **\$17,000**

Construct improvements to various facilities at the System's institutions that are in need of renewal. This is an annual request to respond to the capital maintenance needs of University System of Maryland facilities. Eligible projects must have a life expectancy of at least 15 years. The FY 2017 budget includes funding for 32 projects at 11 campuses.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Revenue Bonds	17,000	17,000	17,000	17,000	17,000	85,000
TOTAL	17,000	17,000	17,000	17,000	17,000	85,000

Capital Facilities Renewal Project List

<u>Subdivision</u>	<u>Project</u>	<u>Total Cost</u>	<u>Prior Auth.</u>	<u>State Funding</u>		<u>Total State Share</u>
				<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	FSU: Cordts Physical Education Center - Replace terracotta shingles on roof	200	-	200 C	-	100%
Allegany	FSU: Dunkle Hall Mechanical System Upgrades and Window Replacement	245	-	245 C	-	100%
Allegany	FSU: Performing Arts Center Roof System Renovation	200	-	200 C	-	100%
Baltimore City	CSU: Campuswide Buildings and Grounds Improvements, Phased	1,288	1,138 C	150 C	-	100%
Baltimore City	CSU: Campuswide Signage Upgrade, Phased	109	-	109 C	-	100%
Baltimore City	CSU: HVAC Repair, Replacement and Mechanical Upgrades, Phased	1,036	886 C	150 C	-	100%
Baltimore City	UB: Upgrade HVAC Systems Campuswide	418	-	418 C	-	100%
Baltimore City	UMB: Electrical Infrastructure Upgrades, Campuswide	2,970	1,980 C	990 C	-	100%
Baltimore City	UMB: Facade Stabilization and Roof Replacements Campuswide	1,390	695 C	695 C	-	100%
Baltimore City	UMB: Mechanical Infrastructure Upgrades, Campuswide	2,970	1,980 C	990 C	-	100%

UNIVERSITY SYSTEM OF MARYLAND

Baltimore Co.	TU: Renew Building Envelopes (various buildings)	5,846	5,296 C	550 C	-	100%
Baltimore Co.	TU: Replace Mechanical/Electrical Plumbing Systems (various buildings)	7,084	6,484 C	600 C	-	100%
Baltimore Co.	TU: Utility Infrastructure Renewal and Replacement	2,045	1,606 C	439 C	-	100%
Baltimore Co.	UMBC: Academic and Administrative Space Improvements (Fine Arts Building)	5,808	4,356 C	1,452 C	-	100%
Dorchester	UMCES: Shoreline Restoration - Horn Point Laboratory	1,268	951 C	317 C	-	100%
Prince George's	BSU: Classroom/Laboratory/Lecture Hall Improvements (various buildings)	1,354	954 C	400 C	-	100%
Prince George's	BSU: Mechanical System Replacements (various buildings)	308	154 C	154 C	-	100%
Prince George's	UMCP: Building Electro-Mechanical Infrastructure, Phased	9,850	8,860 C	990 C	-	100%
Prince George's	UMCP: Building Exterior Shell and Structural Infrastructure Improvement, Phased	8,090	7,100 C	990 C	-	100%
Prince George's	UMCP: Building HVAC Infrastructure Improvement, Phased	9,215	8,225 C	990 C	-	100%
Prince George's	UMCP: Building Mold and Asbestos Abatement, Phased	1,550	1,400 C	150 C	-	100%
Prince George's	UMCP: Campus Central Control and Monitoring System Improvement, Phased	3,028	2,728 C	300 C	-	100%
Prince George's	UMCP: Campus Exterior Infrastructure Improvement, Phased	5,350	4,800 C	550 C	-	100%
Prince George's	UMCP: Campus Water, Sanitary and Drain Infrastructure Improvement, Phased	2,575	2,280 C	295 C	-	100%
Prince George's	UMCP: Maryland Agricultural Experiment Station Facilities Improvements	700	600 C	100 C	-	100%

UNIVERSITY SYSTEM OF MARYLAND

Prince George's	UMCP: Office Area Interior Improvements (various buildings)	9,750	8,850 C	900 C	-	100%
Prince George's	UMCP: Public Area Interior Improvements (various buildings)	4,600	4,050 C	550 C	-	100%
Prince George's	UMCP: Research/Laboratory/Data Facilities Improvements (various buildings)	10,725	9,750 C	975 C	-	100%
Prince George's	UMCP: Teaching Facilities Improvements (various buildings)	5,625	5,115 C	510 C	-	100%
Somerset	UMES: Tanner Hall Small Animal Facility Renovation	1,926	1,284 C	642 C	-	189%
Wicomico	SU: Installation of ERV's and Removal of Exhaust Fans in Devilbiss Hall	536	-	536 C	-	100%
Statewide	USMO: Emergency and Systemwide Projects	6,528	6,065 C	463 C	-	100%
TOTAL		114,587	97,587	17,000	-	

Southern Maryland Regional Higher Education Center (St. Mary's) **FY 2017 Total \$3,061**

Construct a third 50,633 NASF/84,388 GSF academic building on the Southern Maryland Higher Education Center (SMHEC) campus to support new education, research and professional training programs, and enrollment growth. The building will also support local and regional initiatives related to Unmanned Autonomous Systems (UAS). The building will include classrooms, faculty offices, and engineering laboratories and research space to meet the needs of the 10 major universities and colleges offering courses at this facility. The Center currently provides 86 graduate degree and upper-division bachelor degree programs in the fields of education, science and technology, engineering, social work, health, and management. Non-budgeted funds consist of a contribution by St. Mary's County. The Center serves the needs of St. Mary's, Charles, and Calvert counties, as well as the training needs of the U.S. Naval Base at Patuxent River. The FY 2017 budget includes funding for detailed design.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	3,200	3,061	-	36,100	38,600	-	80,961
Non-Budgeted Funds	1,000	-	-	-	-	-	1,000
TOTAL	4,200	3,061	-	36,100	38,600	-	81,961
<u>Use</u>							
Planning	3,200	3,061	-	1,500	-	-	7,761
Construction	1,000	-	-	33,600	32,600	-	67,200
Equipment	-	-	-	1,000	6,000	-	7,000

UNIVERSITY SYSTEM OF MARYLAND

Biomedical Sciences and Engineering Education Facility (Montgomery)

Construct a new 136,472 NASF/229,286 GSF Biomedical Sciences and Engineering Education Facility at the Universities at Shady Grove. The new building will provide specialized laboratory space to support new academic programs such as engineering and dentistry. The building will also provide additional space for existing programs that have experienced enrollment growth such as nursing and pharmacy. The building will include classrooms, laboratories, clinical training spaces, faculty and staff offices, and academic support space. The new facility will support growth in science, technology, engineering, and mathematics disciplines as well as local workforce needs. The estimated cost of the project totals \$183,000,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	14,016	-	-	-	16,000	122,500	152,516
TOTAL	14,016	-	-	-	16,000	122,500	152,516

<u>Use</u>							
Planning	11,300	-	-	-	2,800	-	14,100
Construction	2,716	-	-	-	13,200	115,000	130,916
Equipment	-	-	-	-	-	7,500	7,500

Subtotals for University System of Maryland Office

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	3,061	-	36,100	54,600	122,500	216,261
Revenue Bonds	17,000	17,000	17,000	17,000	17,000	85,000
TOTAL	20,061	17,000	53,100	71,600	139,500	301,261

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	236,782	161,204	172,918	190,380	222,545	983,829
Revenue Bonds	24,500	32,000	24,000	34,000	32,000	146,500
TOTAL	261,282	193,204	196,918	224,380	254,545	1,130,329

Total Program - University System of Maryland

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	236,782	161,204	172,918	190,380	222,545	983,829
Revenue Bonds	24,500	32,000	24,000	34,000	32,000	146,500
TOTAL	261,282	193,204	196,918	224,380	254,545	1,130,329

UNIVERSITY SYSTEM OF MARYLAND

SYSTEM-FUNDED PROJECTS

The University System of Maryland (USM) proposes to fund several projects from auxiliary accounts, auxiliary revenue bonds, grants and private donations. These projects, listed below, were approved by the USM Board of Regents.

<u>Projects</u>	<u>Phase</u>	<u>Estimated Cost</u>	<u>Fiscal Year</u>
<u>University of Maryland, College Park</u>			
<u>(Prince George's County)</u>			
Remote Library Storage Facility	CE	2,625	2016
High Rise Residence Hall A/C, Phased	P	5,980	2017
High Rise Residence Hall SCUB: Phased	P	530	2017
High Rise Residence Hall A/C, Phased	PC	8,100	2018
High Rise Residence Hall SCUB: Phased	CE	10,080	2018
High Rise Residence Hall A/C, Phased	CE	33,900	2019
High Rise Residence Hall A/C, Phased	PCE	37,910	2020
<u>Towson University (Baltimore County)</u>			
Recreation Building, Phase 2 (100,000 GSF) (Addition to Burdick Hall)	CE	16,900	2016
West Village Housing, Phases 3 & 4 (700 beds)	E	4,000	2016
Residence Tower Renovation	P	2,960	2016
Residence Tower Renovation	C	19,600	2017
Union Addition/Renovation (80,000 GSF)	P	8,670	2017
Union Addition/Renovation (80,000 GSF)	C	39,200	2018
Residence Tower Renovation	CE	10,000	2018
Union Addition/Renovation (80,000 GSF)	CE	55,900	2019
<u>University of Maryland Eastern Shore (Somerset County)</u>			
Nuttle Hall Residence Renovation	P	800	2016
Nuttle Hall Residence Renovation	C	9,200	2017
Nuttle Hall Residence Renovation	E	800	2018
<u>Salisbury University (Wicomico County)</u>			
Stadium Project	E	1,400	2016
<u>University of Maryland Baltimore County</u>			
<u>(Baltimore County)</u>			
Fine Arts Building Renovation	PC	8,296	2016
Residence Hall Renovations/Additions	PC	5,900	2016
Event Center and Arena	PC	31,200	2016
Event Center and Arena	CE	35,600	2017
Event Center and Arena	CE	11,000	2018
FIVE-YEAR TOTAL*		\$360,551	██████████

All dollars are displayed in thousands.

*The Five-Year Total consists of projects considered by the Board of Regents for implementation during the FY2016 - FY2020 period, which is a difference of one year from the timeframe used in the State's five-year Capital Improvement Program.

DEPARTMENT OF VETERANS AFFAIRS

SUMMARY

The Maryland Department of Veterans Affairs provides Maryland veterans and their dependents with a variety of services, including information and technical assistance in applying for federal financial assistance, interment (burial) services at its five veterans cemeteries, and housing and medical care at the Charlotte Hall Veterans' Home in Southern Maryland. The Department is also responsible for the maintenance of the memorials and monuments honoring Maryland's veterans.

The FY 2017 - FY 2021 Capital Improvement Program includes funding for additional burial capacity at both the Garrison Forest Veterans Cemetery and Cheltenham Veterans Cemetery, and for a new State Veterans Home in Baltimore County.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

Cheltenham Veterans Cemetery Expansion (P): Funding had been added in order to avoid a disruption in services at this cemetery and for necessary upgrades to the facilities.

Garrison Forest Veterans Cemetery Expansion (P): Funding had been added in order to avoid a disruption in services at this cemetery.

Deletions:

None

Changes to FY 2018 - FY 2020

None

DEPARTMENT OF VETERANS AFFAIRS

FY 2017 - FY 2021 Capital Improvement Program

State-Owned Facilities

DEPARTMENT OF VETERANS AFFAIRS

Budget Code: DP0002

Cheltenham Veterans Cemetery Burial Expansion and Improvements (Prince George's) **FY 2017 Total \$1,360**

Expand burial capacity at Cheltenham Veterans Cemetery and construct various infrastructure improvements. The project will develop 6,500 gravesites. Expansion of burial capacity will include requisite supporting site infrastructure systems of roads, irrigation, a new well and landscaping, provisions for in-ground cremains and columbaria. The project will also construct a new 6,300 GSF Maintenance Service Building, a new 1,200 GSF Bulk Material Storage Building, a new Service Yard, and demolish the Butler Storage Building to create a new Maintenance Complex; and construct a new 3,000 GSF Administration building; and partially renovate the existing Maintenance Building. This project will allow the Department of Veterans Affairs to meet the burial needs of Maryland's Veterans for the next 10 years. The FY 2017 budget will provide funds to design the project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
General Funds	-	1,360	-	-	-	-	1,360
Federal Funds	-	-	6,260	6,480	-	-	12,740
TOTAL	-	1,360	6,260	6,480	-	-	14,100

<u>Use</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Planning	-	1,360	-	-	-	-	1,360
Construction	-	-	6,260	6,260	-	-	12,520
Equipment	-	-	-	220	-	-	220

Garrison Forest Veterans Cemetery Expansion Phase V (Baltimore Co.) **FY 2017 Total \$820**

Expand the burial capacity of the Garrison Forest Veterans Cemetery by developing 4,800 additional gravesites. The expansion will occur across from the lower maintenance facility. The Department intends to expand burial capacity using the remaining 10 acres available at Garrison Forest Veterans Cemetery. Without this project, the current available plots will run out by the end of FY 2018. The expansion will provide additional in-ground burial sites and cremated remains gravesites laid out in a uniform pattern that will include standard section markers and control monuments, as well as columbaria structures that will ultimately provide additional needed cremated remains niches. This expansion will allow the Garrison Forest Cemetery to meet future interment needs for Maryland veterans and their families. The FY 2017 budget includes funds to design this project.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
General Funds	-	820	-	-	-	-	820
Federal Funds	-	-	7,720	-	-	-	7,720
TOTAL	-	820	7,720	-	-	-	8,540

<u>Use</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
Planning	-	820	-	-	-	-	820
Construction	-	-	7,720	-	-	-	7,720

DEPARTMENT OF VETERANS AFFAIRS

New State Veterans Home in Baltimore County (Baltimore Co.)

Design and construct a 120-bed skilled nursing facility in Baltimore County to serve Maryland's veterans. Baltimore County has the second-largest veteran population of any Maryland county and is close to the Baltimore VA Medical Center. Currently, the State's only Veterans Home is in St. Mary's County, far from the majority of Maryland's veterans as well as major medical centers. The new Veterans Home will provide additional bed space for Maryland's aging veteran population as well as a more central, state-of-the-art nursing facility. This project was selected by the U.S. Department of Veterans Affairs for a State Home Construction Grant. This federal program shares the cost of new veterans homes with states; the project will be funded 65% with federal funds and 35% with State funds. The total estimated cost of this project is \$63,801,000.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	-	1,511	9,944	11,455
Federal Funds	-	-	-	-	2,806	18,467	21,273
TOTAL	-	-	-	-	4,317	28,411	32,728

<u>Use</u>							
Planning	-	-	-	-	4,317	1,068	5,385
Construction	-	-	-	-	-	26,073	26,073
Equipment	-	-	-	-	-	1,270	1,270

Subtotals for State-Owned Facilities

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	1,511	9,944	11,455
General Funds	2,180	-	-	-	-	2,180
Federal Funds	-	13,980	6,480	2,806	18,467	41,733
TOTAL	2,180	13,980	6,480	4,317	28,411	55,368

Total Program - Department of Veterans Affairs

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	-	-	1,511	9,944	11,455
General Funds	2,180	-	-	-	-	2,180
Federal Funds	-	13,980	6,480	2,806	18,467	41,733
TOTAL	2,180	13,980	6,480	4,317	28,411	55,368

MISCELLANEOUS

SUMMARY

Miscellaneous grants are included in the State's capital budget each year. These grants do not fit into the departmental categories and are presented in this "Miscellaneous" category. This category includes executive initiatives of Statewide importance, such as grants to private higher educational facilities, hospitals, museums, and other cultural and social service agencies. These projects meet one or more of the following criteria:

- They have an important public purpose and serve a large number of Maryland citizens,
- The project will be capital in nature and have a useful life expectancy of at least 15 years,
- The project is developed enough to justify funding and will be ready for financing within two years,
- State support is needed for the success of the project.

CHANGES TO FY 2016 - FY 2020 CAPITAL IMPROVEMENT PROGRAM

Changes to FY 2017

Additions:

The following new miscellaneous projects have been added to the FY 2017 - 2020 Capital Improvement Program:

Angel's Watch Shelter, Arthur Perdue Stadium, Center Stage, Chesapeake Bay Maritime Museum, Historic Annapolis, Kennedy Krieger Institute, National Sailing Hall of Fame, Peale Center, Sinai Hospital, Revitz House at Charles E. Smith campus, Western Maryland Scenic Railroad.

Deletions:

Legislative Initiatives: FY 2017 planned \$15,000,000 has been removed to meet debt affordability ratios.

Changes to FY 2018 - FY 2020

None

MISCELLANEOUS

FY 2017 - FY 2021 Capital Improvement Program

Grants and Loans

MARYLAND HOSPITAL ASSOCIATION

Budget Code: ZA01

Private Hospital Grant Program (Statewide) FY 2017 Total \$4,237

The Private Hospital Grant Program provides grants to assist private hospitals in the construction and renovation of facilities that improve patient care, particularly access to primary and preventative services; focus on unmet community health needs; and address aging facility issues. Specific projects included in the budget have been selected by a committee of hospital trustees and executives from all regions of the State. The FY 2017 budget includes funding for nine hospitals in six jurisdictions.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	4,237	5,000	5,000	5,000	5,000	24,237
TOTAL	4,237	5,000	5,000	5,000	5,000	24,237

Private Hospital Grant Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Anne Arundel	Anne Arundel Health System, Inc.	1,250	-	500 C	-	40%
Baltimore City	James Lawrence Kernan Hospital d/b/a University of Maryland Rehabilitation and Orthopedic Institute	300	-	150 C	-	50%
Baltimore Co.	Franklin Square Hospital Center, Inc. d/b/a MedStar Franklin	1,753	-	877 C	-	50%
Baltimore Co.	University of Maryland, St. Joseph Medical Center, Inc.	2,000	-	1,000 C	-	50%
Montgomery	Adventist Healthcare, Inc. d/b/a Adventist Behavioral Health and Wellness	800	-	392 C	-	49%
Montgomery	Adventist Healthcare, Inc. d/b/a Shady Grove Medical Center	570	-	279 C	-	49%
Montgomery	MedStar Montgomery Medical Center	1,020	-	300 C	-	29%
Prince George's	Doctors Hospital, Inc.	1,000	-	500 C	-	50%
Somerset	Edward W. McCready Hospital; McCready Foundation, Inc.	606	-	239 C	-	39%
TOTAL		9,299	-	4,237	-	

MISCELLANEOUS

Subtotals for Maryland Hospital Association

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	4,237	5,000	5,000	5,000	5,000	24,237
TOTAL	4,237	5,000	5,000	5,000	5,000	24,237

MISCELLANEOUS

MARYLAND INDEPENDENT COLLEGE AND UNIVERSITY ASSOCIATION

Budget Code: ZA00

MICUA - Private Higher Education Facilities Grant Program **FY 2017 Total** **\$8,000**
(Statewide)

Provide grants to assist the State's independent colleges and universities with the costs of constructing and renovating academic facilities and infrastructure. The grants leverage private donations and help the recipients maintain financial stability. The institutions benefit the State by offering a diversity of learning opportunities and by easing enrollment pressures at State-owned institutions. Maryland Independent College and University Association (MICUA) State-aided institutions account for 16 percent of full-time equivalent enrollment in statewide higher education and award 27 percent of all degrees conferred annually by Maryland's four-year institutions. The FY 2017 budget includes funding for three projects: (1) Capitol Technology University - construct a Living-Learning Center with new labs and collaborative workspace for students and faculty; (2) Johns Hopkins University - renovate Macaulay Hall for the Krieger School of Arts and Sciences to provide state-of-the-art labs for biophysics, chemistry, neuroscience, and psychological and brain sciences; and (3) Maryland Institute College of Art - demolish the Dolphin Building and construct new academic building to provide additional space for printmaking, three-dimensional design, and product design.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	8,000	8,000	8,000	8,000	8,000	40,000
TOTAL	8,000	8,000	8,000	8,000	8,000	40,000

MICUA - Private Higher Education Facilities Grant Program Project List

<u>Subdivision</u>	<u>Project</u>	<u>State Funding</u>				<u>Total State Share</u>
		<u>Total Cost</u>	<u>Prior Auth.</u>	<u>FY 2017 Request</u>	<u>Future Request</u>	
Baltimore City	Johns Hopkins University--Renovate Macaulay Hall	30,037	-	3,300 PCE	-	11%
Baltimore City	Maryland Institute College of Art - Demolish Dolphin Building and Construct New Academic Building	8,109	-	3,300 PCE	-	41%
Prince George's	Capitol Technology University -- Construct Living and Learning Center	3,285	-	1,400 PCE	-	43%
TOTAL		41,431	-	8,000	-	

Subtotals for Maryland Independent College and University Association

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	8,000	8,000	8,000	8,000	8,000	40,000
TOTAL	8,000	8,000	8,000	8,000	8,000	40,000

MISCELLANEOUS

MARYLAND ZOO IN BALTIMORE

Budget Code: ZA00

Maryland Zoo in Baltimore - Infrastructure Improvements **FY 2017 Total** **\$2,500**
(Baltimore City)

Construct improvements to the aging infrastructure at The Maryland Zoo in Baltimore. The Zoo has identified a variety of projects that have been grouped into three categories: basic infrastructure, strategic services, and exhibits/attractions. The Zoo's FY 2017 basic infrastructure projects total \$1,000,000 and include correcting life-safety/ United States Department of Agriculture (USDA)/ Animal Welfare Act/ Association of Zoos and Aquariums (AZA) deficiencies. The Zoo will use \$750,000 to replace the 4kv electric service line. The FY 2017 budget also includes \$750,000 for the second year of a three-year project to upgrade and expand the giraffe and lion exhibits to allow for the safety of the giraffe herd and to appropriately accommodate the lion pride.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	-	2,500	2,500	2,500	5,000	5,000	17,500
TOTAL	-	2,500	2,500	2,500	5,000	5,000	17,500
<u>Use</u>							
Planning	-	275	275	275	550	550	1,925
Construction	-	2,150	2,150	2,150	4,300	4,300	15,050
Equipment	-	75	75	75	150	150	525

Subtotals for Maryland Zoo in Baltimore

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	2,500	2,500	2,500	5,000	5,000	17,500
TOTAL	2,500	2,500	2,500	5,000	5,000	17,500

MISCELLANEOUS

MISCELLANEOUS PROJECTS

Budget Code: ZA00

Miscellaneous Projects (Statewide) FY 2017 Total \$11,725

The miscellaneous projects to be funded in FY 2017 will directly involve public use and benefit. These diverse projects throughout the State will provide a variety of services including education, public safety, community revitalization, health care, and other public services of cultural and historical significance. Grants will be provided to local governments, nonprofit organizations, and various other private institutions. The FY 2017 budget will include funds for 11 projects in seven counties.

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	11,725	-	-	-	-	11,725
TOTAL	11,725	-	-	-	-	11,725

Miscellaneous Projects Project List

<u>Subdivision</u>	<u>Project</u>	<u>Total Cost</u>	<u>Prior Auth.</u>	<u>State Funding</u>		<u>Total State Share</u>
				<u>FY 2017 Request</u>	<u>Future Request</u>	
Allegany	Western Maryland Scenic Railroad	400	-	400 PCE	-	100%
Anne Arundel	Historic Annapolis Renovations	1,000	-	1,000 PCE	-	100%
Anne Arundel	National Sailing Hall of Fame	3,000	-	1,000 PCE	2,000 PCE	100%
Baltimore City	Center Stage	9,000	-	3,000 PCE	6,000 PCE	100%
Baltimore City	Kennedy Krieger Institute	1,750	-	1,750 PCE	-	100%
Baltimore City	Peale Center	650	250 PCE	400 PCE	-	100%
Baltimore City	Sinai Hospital of Baltimore	6,000	-	2,000 PCE	4,000 PCE	100%
Charles	Angel's Watch Shelter	750	-	750 PCE	-	100%
Montgomery	Charles E. Smith Life Communities - Revitz House	1,200	-	400 PCE	800 PCE	100%
Talbot	Chesapeake Bay Maritime Museum	500	-	250 PCE	250 PCE	100%
Wicomico	Arthur Perdue Stadium	2,045	270 PCE	775 PCE	1,000 PCE	100%
TOTAL		26,295	520	11,725	14,050	

Subtotals for Miscellaneous Projects

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	11,725	-	-	-	-	11,725
TOTAL	11,725	-	-	-	-	11,725

MISCELLANEOUS

PRINCE GEORGE'S HOSPITAL SYSTEM

Budget Code: ZA00

Prince George's Regional Medical Center (Prince George's) FY 2017 Total \$27,500

Construct a new, 231-bed hospital to serve as a Regional Medical Center (RMC) for Prince George's County. The RMC will include acute care, teaching and research facilities. The Prince George's Regional Medical Center will be connected to a health system that will promote improved access to primary care and be a community partner in helping to improve the health status of Prince George's County residents. The FY 2017 budget includes \$27,500,000 towards the \$200,000,000 state funding commitment.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	65,000	27,500	67,500	40,000	-	-	200,000
Non-Budgeted Funds	15,000	122,500	92,500	147,000	3,000	-	380,000
TOTAL	80,000	150,000	160,000	187,000	3,000	-	580,000

Use

Acquisition	15,000	-	-	-	-	-	15,000
Planning	18,000	-	-	-	-	-	18,000
Construction	47,000	150,000	160,000	50,000	-	-	407,000
Equipment	-	-	-	137,000	3,000	-	140,000

Subtotals for Prince George's Hospital System

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	27,500	67,500	40,000	-	-	135,000
TOTAL	27,500	67,500	40,000	-	-	135,000

Subtotals for Grants and Loans

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	53,962	83,000	55,500	18,000	18,000	228,462
TOTAL	53,962	83,000	55,500	18,000	18,000	228,462

Total Program - Miscellaneous

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	53,962	83,000	55,500	18,000	18,000	228,462
TOTAL	53,962	83,000	55,500	18,000	18,000	228,462

DEPARTMENT OF TRANSPORTATION

SUMMARY

The Department of Transportation (MDOT) represents the largest component of the State's Capital Improvement Program. The Department is divided into several administrations that execute this program. The administrations include:

Motor Vehicle Administration (MVA) – The MVA has responsibility for numerous regulatory programs affecting over three million Maryland citizens. MVA is committed to providing convenient, efficient services to Maryland's motorists, and carrying out legislative mandates in a responsive and progressive fashion.

Maryland Aviation Administration (MAA) – The MAA is directing its primary efforts towards preservation and modernization of its facilities and services at Baltimore/Washington International Thurgood Marshall (BWI) and Martin State (MTN) airports.

Maryland Port Administration (MPA) – The MPA focuses on the Port of Baltimore, which is recognized as one of the major cargo handling centers in the world. Critical to the Port's continued success is the ability to attract new business and the maintenance of shipping channels. To this end, MPA will continue its dredging program including examining alternative dredge placement sites and maintaining its terminals including the South Locust Point Cruise Terminal.

Maryland Transit Administration (MTA) – The MTA operates bus, subway, light rail and commuter rail systems. Its capital program focuses on system preservation, reducing system operating costs, and improving the quality of service offered by Maryland's mobility and mass transit systems.

Washington Metropolitan Area Transit (WMAT) - The WMAT provides Maryland's share of the funding for the expansion and operation of the Washington Area Metro System (bus and heavy rail), which is operated by the Washington Metropolitan Area Transit Authority (WMATA).

State Highway Administration (SHA) – The SHA has the responsibility for planning, designing, constructing, and maintaining all state highway roadways and facilities in order to provide a safe and efficient highway system for the State.

Maryland Transportation Authority (MDTA) - The MDTA is a separate agency with responsibility for the operation and maintenance of eight toll roads, bridges, and tunnels around the State. Its projects are financed by toll revenues, rather than through the Transportation Trust Fund. The summary information is shown in this section for convenience, but is not included in the totals for the Department of Transportation's Trust Fund summary.

The FY 2016 – FY 2021 Consolidated Transportation Program (CTP) emphasizes preservation but also continues to include the expansion projects funded by the Transportation Infrastructure Investment Act of 2013. As a result of the Transportation Act, it was possible to add new projects and to reintroduce projects from previous years, as a means to address long-standing transportation issues across the State of Maryland including projects to ensure the competitiveness of the Port of Baltimore and BWI Marshal Airport.

Enacted in December 2015, the Fixing America's Surface Transportation (FAST) Act's \$305 billion authorization continued federal funding for highway, transit and other multimodal projects through federal fiscal year (FFY) 2020. With the FAST Act, Congress extended current funding levels adding only inflation. The FAST Act addressed the long-term solvency of the Highway Trust Fund (HTF). Maryland is expected to receive approximately \$610 million in highway formula funding and \$200 million in transit formula funding. The majority of funds authorized in the FAST Act are being used for projects already committed in MDOT's capital program and for unfunded system preservation needs. MDOT requested discretionary federal funding for the development of Maryland's first New Starts project, the Purple Line. The FFY 2016 Appropriations bill supports the State's request for \$900 million for Maryland's Purple Line, with \$100 million in FFY 2016 in addition to the \$100 million in the FFY 2017 appropriation.

DEPARTMENT OF TRANSPORTATION

The capital program includes \$8.4 billion in the highway program, \$5.3 billion in the transit program (including the MTA and WMATA), \$639 million in the airport program and \$909 million in the Port program.

On the following pages are tables summarizing the total FY 2017 capital budget and the total FY 2016 - FY 2021 Consolidated Transportation Program as reported by the Department of Transportation.

DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY ADMINISTRATION

Budget Code: JB0101

State Highway Administration Watershed Implementation Plan Projects (Statewide)

FY 2017 Total \$85,000

Construct projects to improve water quality in Anne Arundel, Baltimore, Carroll, Cecil, Charles, Frederick, Harford, Howard, Montgomery, Prince George's and Washington counties to reduce the effect of runoff from impervious portions of the State's highway system using structural and non-structural methods. This work will address the State of Maryland's commitment under the Chesapeake Bay Restoration Plan, the Maryland Watershed Implementation Plan and SHA's Municipal Separate Storm Sewer System (MS4) permit requirements and will offset nearly 6,000 acres of pavement in the 11 counties covered under National Pollutant Discharge Elimination System (NPDES) Phase 1 and 2 permits.

<u>Source</u>	<u>Prior Auth.</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
GO Bonds	45,000	-	-	-	-	-	45,000
General Funds	-	-	100,000	100,000	-	-	200,000
Special Funds	65,000	85,000	-	-	-	-	150,000
TOTAL	110,000	85,000	100,000	100,000	-	-	395,000
<u>Use</u>							
Construction	110,000	85,000	100,000	100,000	-	-	395,000

Subtotals for State Highway Administration

<u>Source</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>TOTAL</u>
General Funds	-	100,000	100,000	-	-	200,000
Special Funds	85,000	-	-	-	-	85,000
TOTAL	85,000	100,000	100,000	-	-	285,000

DEPARTMENT OF TRANSPORTATION

CAPITAL PROGRAM SUMMARY BY FISCAL YEAR (\$ MILLIONS)

	CURRENT	BUDGET	Planning Years				SIX-YEAR
	YEAR	YEAR					TOTAL*
	2016	2017	2018	2019	2020	2021	
The Secretary's Office	104.0	144.8	23.9	32.9	14.8	13.9	334.3
Motor Vehicle Administration	23.2	29.6	28.6	18.6	17.2	16.6	133.9
Maryland Aviation Administration*	241.5	196.1	91.3	35.6	34.2	40.5	639.2
Maryland Port Administration	121.2	116.9	220.9	212.8	130.0	107.5	909.4
Maryland Transit Administration	465.8	733.6	862.3	690.0	523.3	469.0	3,744.0
Washington Metropolitan Area Transit**	249.3	253.4	255.8	265.3	273.4	284.1	1,581.3
State Highway Administration	1,410.9	1,590.2	1,598.7	1,305.0	1,211.4	1,247.4	8,363.6
TOTAL	2,616.0	3,064.6	3,081.5	2,560.2	2,204.3	2,179.0	15,705.6
Special Funds***	1,605.3	1,720.6	1,902.3	1,609.0	1,370.9	1,327.4	9,535.5
Federal Funds	771.3	1,086.2	978.3	771.2	644.0	705.5	4,956.5
Other Funds ****	239.3	257.8	201.0	179.9	189.4	146.1	1,213.5
TOTAL	2,616.0	3,064.6	3,081.5	2,560.2	2,204.3	2,179.0	15,705.5

Note: Totals may not equal the sum of the individual numbers due to rounding.

* The Department intends to utilize Passenger Facilities Charge (PFC) revenue, MDTA funds, and Customer Facility Charge (CFC) revenue to fund several projects identified in this program. The costs of these projects are included in the Aviation number.

** Includes \$617.9 million in federal funds received directly by WMATA that are not in the MDOT budget.

*** Included in this funding are Special Funds and General Funds for the Watershed Implementation Plan (WIP) for fiscal years 2017-2019. The amounts included are \$85 million in Special Funds in FY 2017 and \$100 million in General Funds in both FY 2018 and FY 2019.

**** Other funding sources include Federal funds received by WMATA directly, PFCs, CFCs, RAAs, TSAOTAs and MDTA funds.

THE SECRETARY'S OFFICE CAPITAL PROGRAM SUMMARY (\$ MILLIONS)

	CURRENT	BUDGET	Planning Years				SIX-YEAR
	YEAR	YEAR					TOTAL*
	2016	2017	2018	2019	2020	2021	
USES OF FUNDS							
Construction Program							
Major Projects	11.7	6.9	6.9	18.0	5.0	4.3	52.9
System Preservation Minor Projects	64.6	86.2	15.1	12.9	7.7	7.5	194.1
Development and Evaluation Program	25.6	49.6	0.0	0.0	0.0	0.0	75.2
SUBTOTAL	101.9	142.7	22.0	30.9	12.8	11.9	322.2
Capital Salaries, Wages and Other Costs	2.1	2.0	1.9	2.0	2.0	2.0	12.1
TOTAL*	104.0	144.8	23.9	32.9	14.8	13.9	334.3
SOURCE OF FUNDS							
Special Funds	77.1	92.2	23.9	32.9	14.8	13.9	254.8
Federal Funds	26.9	51.6	0.0	0.0	0.0	0.0	78.5
Other Funds	0.0	1.0	0.0	0.0	0.0	0.0	1.0
TOTAL*	104.0	144.8	23.9	32.9	14.8	13.9	334.3

* Totals may not equal the sum of the individual numbers due to rounding.

DEPARTMENT OF TRANSPORTATION

MOTOR VEHICLE ADMINISTRATION CAPITAL PROGRAM SUMMARY (\$ MILLIONS)

	CURRENT	BUDGET	2018	Planning Years			SIX-YEAR TOTAL*
	YEAR 2016	YEAR 2017		2019	2020	2021	
<u>USES OF FUNDS</u>							
Construction Program							
Major Projects	4.1	7.1	6.9	1.6	1.6	1.7	23.1
System Preservation Minor Projects	17.9	21.3	20.5	15.8	14.2	13.5	103.2
Development and Evaluation Program	0.0	0.0	-	-	-	-	0.0
SUBTOTAL	22.0	28.4	27.4	17.4	15.9	15.2	126.3
Capital Salaries, Wages and Other Costs	1.2	1.2	1.2	1.3	1.3	1.4	7.6
TOTAL*	23.2	29.6	28.6	18.6	17.2	16.6	133.9
<u>SOURCE OF FUNDS</u>							
Special Funds	21.8	29.5	28.6	18.6	17.2	16.6	132.3
Federal Funds	1.4	0.1	0.0	0.0	0.0	0.0	1.5
TOTAL*	23.2	29.6	28.6	18.6	17.2	16.6	133.8

* Totals may not equal the sum of the individual numbers due to rounding.

MARYLAND AVIATION ADMINISTRATION CAPITAL PROGRAM SUMMARY (\$ MILLIONS)

	CURRENT	BUDGET	2018	Planning Years			SIX-YEAR TOTAL*
	YEAR 2016	YEAR 2017		2019	2020	2021	
<u>USES OF FUNDS</u>							
Construction Program							
Major Projects	162.5	143.6	55.6	0.9	0.9	0.9	364.6
System Preservation Minor Projects	70.7	44.7	29.5	28.6	27.1	33.5	234.2
Development and Evaluation Program	1.8	0.9	0.0	0.0	0.0	0.0	2.7
SUBTOTAL	235.0	189.2	85.2	29.5	28.1	34.4	601.4
Capital Salaries, Wages and Other Costs	6.5	6.9	6.1	6.1	6.1	6.1	37.8
TOTAL*	241.5	196.1	91.3	35.6	34.2	40.5	639.2
<u>SOURCE OF FUNDS</u>							
Special Funds	132.9	115.0	85.3	29.6	29.9	36.2	428.9
Federal Funds	22.4	5.5	4.3	4.3	4.3	4.3	45.1
Other **	86.2	75.6	1.7	1.7	0.0	0.0	165.2
TOTAL*	241.5	196.1	91.3	35.6	34.2	40.5	639.2

* Totals may not equal the sum of the individual numbers due to rounding.

** Includes Maryland Transportation Authority (MdTA) bond financing; Passenger Facility Charges (PFC's); Customer Facility Charges (CFC's) and Transportation Security Administration Other Transaction Agreement (TSAOTA) funding. These funds are included in the total.

DEPARTMENT OF TRANSPORTATION

MARYLAND PORT ADMINISTRATION CAPITAL PROGRAM SUMMARY (\$ MILLIONS)

	CURRENT	BUDGET	2018	Planning Years			SIX-YEAR TOTAL*
	YEAR 2016	YEAR 2017		2019	2020	2021	
<u>USES OF FUNDS</u>							
Construction Program							
Major Projects	67.1	81.9	150.8	140.7	81.4	60.2	582.2
System Preservation Minor Projects	39.5	19.2	51.7	54.9	31.6	32.2	229.2
Development and Evaluation Program	9.9	11.0	13.5	12.1	11.8	9.8	68.0
SUBTOTAL	116.5	112.1	216.0	207.7	124.9	102.3	879.5
Capital Salaries, Wages and Other Costs	4.7	4.8	4.9	5.0	5.1	5.2	29.9
TOTAL*	121.2	116.9	220.9	212.8	130.0	107.5	909.4
<u>SOURCE OF FUNDS</u>							
Special Funds	118.6	110.2	219.2	212.8	130.0	107.5	898.3
Federal Funds	2.6	6.7	1.7	-	-	-	11.0
TOTAL*	121.2	116.9	220.9	212.8	130.0	107.5	909.3

* Totals may not equal the sum of the individual numbers due to rounding.

MARYLAND TRANSIT ADMINISTRATION CAPITAL PROGRAM SUMMARY (\$ MILLIONS)

	CURRENT	BUDGET	2018	Planning Years			SIX-YEAR TOTAL*
	YEAR 2016	YEAR 2017		2019	2020	2021	
<u>USES OF FUNDS</u>							
Construction Program							
Major Projects	379.5	640.2	776.2	634.3	463.6	394.3	3,288.1
System Preservation Minor Projects	72.9	70.5	70.9	42.7	45.7	60.7	363.5
Development and Evaluation Program	2.2	10.5	2.2	0.0	-	-	14.8
SUBTOTAL	454.6	721.1	849.3	677.0	509.3	455.0	3,666.3
Capital Salaries, Wages and Other Costs	11.2	12.5	13.0	13.0	14.0	14.0	77.7
TOTAL*	465.8	733.6	862.3	690.0	523.3	469.0	3,744.0
<u>SOURCE OF FUNDS</u>							
Special Funds	299.2	217.5	363.3	288.6	201.4	114.0	1,484.0
Federal Funds	140.1	457.8	416.4	342.0	245.0	308.7	1,910.0
Other	26.5	58.3	82.6	59.4	76.9	46.3	350.0
TOTAL*	465.8	733.6	862.3	690.0	523.3	469.0	3,744.0

* Totals may not equal the sum of the individual numbers due to rounding.

DEPARTMENT OF TRANSPORTATION

WASHINGTON METROPOLITAN AREA TRANSIT CAPITAL PROGRAM SUMMARY (\$ MILLIONS)

	CURRENT	BUDGET	2018	Planning Years			SIX-YEAR TOTAL*
	YEAR 2016	YEAR 2017		2019	2020	2021	
<u>USES OF FUNDS</u>							
Construction Program							
Major Projects	249.3	253.4	255.8	265.3	273.4	284.1	1,581.3
TOTAL*	249.3	253.4	255.8	265.3	273.4	284.1	1,581.3
<u>SOURCE OF FUNDS</u>							
Special Funds	130.7	153.6	155.9	165.4	173.5	184.2	963.4
Federal Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Funds - WMATA**	118.6	99.9	99.9	99.9	99.9	99.9	617.9
TOTAL*	249.3	253.4	255.8	265.3	273.4	284.1	1,581.3

* Totals may not equal the sum of the individual numbers due to rounding.

** These federal funds are received by WMATA directly and are included in the Department totals for informational purposes.

STATE HIGHWAY ADMINISTRATION CAPITAL PROGRAM SUMMARY (\$ MILLIONS)

	CURRENT	BUDGET	2018	Planning Years			SIX-YEAR TOTAL*
	YEAR 2016	YEAR 2017		2019	2020	2021	
<u>USES OF FUNDS</u>							
Construction Program							
Major Projects	297.4	447.0	494.5	422.4	362.2	234.1	2,257.6
Safety, Congestion, Enhancements	959.3	968.4	941.5	735.2	707.4	887.6	5,199.4
Other System Preservation	27.6	26.0	25.9	26.2	25.2	26.2	157.1
Reimbursables	15.0	24.0	18.0	20.0	15.0	15.0	107.0
Programs 3 & 8	79.8	78.2	77.2	77.0	77.6	77.8	467.6
Development and Evaluation Program	31.8	46.6	41.6	24.2	24.0	6.7	174.9
TOTAL*	1,410.9	1,590.2	1,598.7	1,305.0	1,211.4	1,247.4	8,363.6
<u>SOURCE OF FUNDS</u>							
Special Funds**	824.9	1,002.5	1,026.0	861.1	804.1	854.9	5,373.5
Federal Funds	577.9	564.7	555.9	424.9	394.7	392.5	2,910.6
Other**	8.1	23.0	16.8	19.0	12.6	0.0	79.5
TOTAL*	1,410.9	1,590.2	1,598.7	1,305.0	1,211.4	1,247.4	8,363.6

* Totals may not equal the sum of the individual numbers due to rounding.

** Included in this funding are Special Funds and General Funds for the Watershed Implementation Plan (WIP) for fiscal years 2017-2019. The amounts included are \$85 million in Special Funds in FY 2017 and \$100 million in General Funds in both FY 2018 and FY 2019.

DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSPORTATION AUTHORITY CAPITAL PROGRAM SUMMARY (\$ MILLIONS)

	CURRENT YEAR	BUDGET YEAR	2018	Planning Years			SIX-YEAR TOTAL*
	<u>2016</u>	<u>2017</u>		<u>2019</u>	<u>2020</u>	<u>2021</u>	
Construction Program							
Major Projects	164.6	192.8	161.4	155.8	136.9	59.2	870.7
System Preservation Minor Projects	101.6	156.1	185.5	193.7	163.0	161.9	961.8
Development and Evaluation Program	13.3	14.6	7.3	8.8	9.6	9.8	63.4
TOTAL*	<u>279.5</u>	<u>363.5</u>	354.2	358.3	309.5	230.9	1,895.9

* Totals may not equal the sum of the individual numbers due to rounding.