LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State of Maryland
Department of Information Technology

END-OF-YEAR REPORT ON THE
MAJOR INFORMATION TECHNOLOGY DEVELOPMENT
PROJECT FUND

For

Fiscal Year 2017

As of June 30, 2017

State of Maryland
Department of Information Technology

November 01, 2017

The Honorable Larry Hogan
Governor
Executive Department
State House
Annapolis, MD 21401

The Honorable Maggie McIntosh
Chair
House Appropriations Committee
121 House Office Building
Annapolis, MD 21401

The Honorable Edward J. Kasemeyer
Chair
Senate Budget and Taxation Committee
3W Miller Senate Office Building
Annapolis, MD 21401

The Honorable David R. Brinkley
Secretary
Department of Budget and Management
45 Calvert Street
Annapolis, MD 21401

Dear Governor Hogan, Chairman Kasemeyer, Chairwoman McIntosh, and Secretary Brinkley:
The Department of Information Technology (DoIT) is pleased to submit its report on the State of Maryland's Major Information Technology Development Project (MITDP) Fund and MITDP portfolio. This report is submitted in accordance with Section 3A-309(l) of State Finance and Procurement Article that requires the Secretary of the Department submit a summary report by November 1st of each year. This report describes Fiscal Year (FY) 2017 projects and the status of those projects as of June 30, 2017. The report also identifies known or anticipated cost, scope or schedule changes and risks identified since the FY 2017 Mid-Year Report, submitted in January of 2017.

If you have any questions or comments, please contact me at michael.leahy@maryland.gov.

Sincerely,

Michael G. Leahy
Acting Secretary

Enclosure
   cc: Patrick Frank, Office of Policy Analysis, Department of Legislative Services
           Lance Schine, Deputy Secretary, Department of Information Technology
           Barbara Wilkins, Director of Government Relations, Department of Budget and Management

MSAR # 6818

TABLE OF CONTENTS

State of Maryland
Department of Information Technology

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State Agency Abbreviations

Baltimore City Community College	BCCC
Comptroller	COMP
Department of Budget and Management	DBM
Department of Housing and Community Development	DHCD
Department of Human Services	DHS
Department of Information Technology	DoIT
Department of Labor, Licensing and Regulation	DLLR
Department of Public Safety and Correctional Services	DPSCS
Maryland Insurance Administration	MIA
Maryland Department of Environment	MDE
Maryland Department of Health	MDH
Maryland Department of Transportation	MDOT
Maryland Aviation Administration	MDOT-MAA
Maryland Transit Administration	MDOT-MTA
Maryland Transportation Authority	MDTA
Motor Vehicle Administration	MDOT-MVA
State Highway Administration	MDOT-SHA
The Secretary's Office	MDOT-TSO
Maryland State Department of Education	MSDE
Maryland State Lottery	Lottery
Maryland State Police	MSP
State Board of Elections	SBE
Worker's Compensation Commission	WWC

Baseline Financial Data Definitions

- Project Costs to Date (CTD): Actual expenditures on each project that are verified for accuracy with the State's financial systems of record, on both a quarterly and an annual basis.
- Estimate at Completion (EAC): Total updated estimated project cost, combining actual and revised planned costs.
- Project Funding: Amount of funding actually made available for each project by funding type.
- Out Year Cost Detail: Represents the potential future year cost portion of the EAC, including one full fiscal year of operations and maintenance after project implementation.
- Total Project Cost (TPC): The original amount estimated by the agency that the project will cost.

Report Formatting Note: The "Portfolio Review Meeting Held" field on each project page now displays only the most recent "Portfolio Review / Health Assessment Held".

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State of Maryland
Department of Information Technology

Executive Summary

The Fiscal Year 2017 (FY17) portfolio of Major Information Technology Projects (MITDPs) consisted of thirty five (35) projects across sixteen (17) agencies, up eight (8) MITDPs from FY16, and estimated value at $103,387,045. In FY17, $235,576,978 of new funding was appropriated to support the Major IT Portfolio. Of that, the MITDP fund received $35,942,697 and $199,634,281 was provided by other sources: 9% General ($18,217,128), 19% Special ($38,474,060), 58% Federal ($116,774,461), and 13% Reimbursable ($26,168,632).

During FY17, two (2) projects formally closed out. The Maryland Department of Transportation (MDOT) Parking Access and Revenue Control System (PARCS) project and the MD State Department of Education (MSDE) Enhanced Chile Care Administrative Tracking System (eCCATS). The MDOT PARCS project, in particular, replaced the existing legacy system at Baltimore Washington International (BWI) airport with modern technology. The replacement system manages parking fee revenue more effectively and accurately to better serve BWI airport patrons, provide more enhanced reporting and auditing capabilities, and built with automatic failover and a browser based user interface. Features include attended cashier lane, un-attended cashier lane, exit verifiers for credit card transaction, pay on foot machines in the parking garages, remote programming of parking signs at all parking lot and garage locations, and revenue reports.

This FY17 year-end report marks the end of the fifth full fiscal year that the two-step Information Technology Project Request (ITPR) process (Project Planning Request – PPR, and Project Implementation Request – PIR) was implemented. The DoIT Enterprise Program Management Office (EPMO) continues working to improve and address new and updated policies and standards for the management of and improved rate of success of IT projects, and the scalability of IT requests for enterprise efforts and initiatives in the IT portfolio.

As Fiscal Year 2017 closes, the EPMO has:

- Provided IT project planning support from agencies including the Secretary of State (SOS), State Treasury (STO), Maryland Transit Authority (MTA), and the Department of Labor and Licensing and Regulation (DLLR). This in turn, significantly reduced the time and effort in developing individual solicitations to procure temporary resources to allowing readily available skilled resources to engage in immediate IT systems planning support for architecture, legacy application modernization, and requirements development. This reduced these development timeframes from six months-one year plus down to one-three months.
- Aided both the Maryland Department of Aging (MDoA) and the Maryland State Department of Education (MSDE) in evaluation committee technical expertise to ensure better solutions and technologies are chosen to successfully support the agency's business needs and its scalability to enterprise opportunities.
- Processed eleven (11) new Major IT Development Projects (MITDPs) (initiated and approved) for FY18 to continue forward progress on the modernization efforts of the States systems and applications with appropriate oversight assigned to ensure project success.

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State of Maryland
Department of Information Technology

- Reinvested remaining MITDP prior funding balances into new Enterprise efforts such as the Voice over Internet Protocol (VoIP) Modernization Project.
- Developed an Independent Validation & Verification (IV&V) and Re-Baselining Policy to continually improve oversight project management best practices for all MITDPs for ongoing project success:
  - An IV&V is an independent assessment on the overall health of the project; it identifies strengths and areas that need improvement to help the project be on time, and within budget.
  - Re-baseline is a formal process to track and explain the changes to the baseline for scope, schedule, and cost.
- Continued transition of the State's System Development Life Cycle (SDLC) from Waterfall to Agile:
  - The Major IT Project Request (ITPR) Form was re-developed to align to the new SLDC and approved by the Department of Budget and Management (DBM) and the Department of Legislature. This is the official form utilized by all Executive Branch Agencies for a yearly submission of Major IT Development Projects requests and associated funding requests for approvals each Fiscal Year.
  - Developed the new Agile SLDC template outline and began template re-development efforts to guide the future consistency and structure of Agencies project management efforts.

In FY18, the EPMO will continue to ensure all elements are identified to effectively transition the State to the Lean Agile Approach/SDLC for all Major IT Projects (MITDPs) including the development of an Agile Resources TORFP that will provide a readily accessible vehicle for agencies to procure program/project management, agile support, and system development and implementation resources. The Major IT Portfolio is planning for approximately sixteen (16) projects either starting or moving to agile development in FY18. The EPMO will also begin the modernization of the ITPR form/system and process along with applicable portfolio management dashboards and reporting improvements.

The EPMO will utilize the Enterprise Solutions Planning Initiative (ESPI) to support IT systems planning for architecture, legacy application modernization, and requirements development for agencies to significantly reduce the time and costs for these efforts to be accomplished, leveraging the already established tools, techniques, and potential common systems or platforms in place. This will ensure the most appropriate planning is in place to provide the proper direction towards successful Project Implementation Request (PIR) for the Major IT Portfolio.

The Department of Information Technology will continue its active engagement in building the roadmap for modernizing these outdated legacy systems to both improve the performance by the agency and user experience by the customer. At the same time, this modernization is ensuring the IT needs of agencies are built into enterprise initiatives for the State, developing enterprise solutions and contracts/procurement which will allow for the delivery of immediate value, and create the most cost effective and beneficial environment for the citizens of Maryland.

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State of Maryland
Department of Information Technology

FY17 MITDP Planning/Implementation Status (PPR/PIR)

#	Agency Name	Project Name	PPR/PIR
1	Baltimore City Community College	Enterprise Resource Planning (ERP) System	PIR
2	Budget and Management	Statewide Personnel System (SPS)	PIR
3	Budget and Management	Central Collections Unit Systems Modernization (CCU)	PIR
4	Budget and Management	Enterprise Budgeting System (EBS)	PIR
5	Comptroller	Integrated Tax System (ITS)	PPR
6	Education	Enhanced Child Care Administration and Tracking System (eCCATS)	PIR
7	Education	Maryland Direct Certification System (MDCS)	PPR
8	Elections	Agency Elections Management System (AEMS)	PPR
9	Elections	New Voting System Replacement (NVSR)	PIR
10	Environment	Environmental Permit Tracking System Modernization (EPTSM)	PPR
11	Health	Electronic Health Records (EHR)	PPR
12	Health	Long Term Support and Services Tracking System (LTSS)	PIR
13	Health	Maryland Board of Physicians (MBP) IT Licensure Project	PPR
14	Health	Medical Enterprise Restructuring Project (MERP), now Medicaid Management Information Systems (MMISII)	PPR
15	Housing	Single Family and Financial Management System (SFFMS)	PIR
16	Human Services	Automated Financial System (AFS)	PPR
17	Human Services	Maryland Total Health Information Network (MDTHINK)	PPR
18	Insurance Administration	Enterprise Complaint Tracking System (ECTS)	PIR
19	Labor, Licensing and Regulation	Unemployment Insurance Modernization (UIM)	PIR
20	Lottery and Gaming Control Agency	Lottery Central Monitoring and Control System (LCMCS)	PPR
21	Public Safety and Correctional Services	Computerized Criminal History (CCH)	PPR
22	Public Safety and Correctional Services	Maryland Correctional Enterprises (MCE) Enterprise Resource Planning Implementation (MCE - ERPIP)	PIR

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State of Maryland
Department of Information Technology

#	Agency Name	Project Name	PPR/PIR
23	State Police	Automated Licensing and Registration Tracking System (ALRTS)	PIR
24	State Police	Statewide Public Safety Communications System (700MHz)	PIR
25	Transportation - The Secretary's Office (TSO)	Capital Program Management System (CPMS)	PPR
26	Transportation - Authority	Automatic Fare Collection System (AFCS)	PIR
27	Transportation - Authority	Electronic Toll System 3rd Generation (ETS3G)	PIR
28	Transportation - Aviation	Noise Operations Monitoring System (NOMS)	PPR
29	Transportation - Motor Vehicle	Document Information and Workflow System 2 (DIWS2)	PIR
30	Transportation - Motor Vehicle	Enterprise Management System - Project Core	PIR
31	Transportation - State Highway	Consumable Inventory System (CIS)	PPR
32	Transportation – Transit Administration	Bus - Unified System Architecture (Bus-USA)	PIR
33	Workers Compensation Commission	Workers Compensation Commission Enterprise Modernization (WCCEM)	PPR

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State of Maryland
Department of Information Technology

FY17 MITDPF: Summary of Operations

Fund Balance			
Ending Balance per November 1st report in previous year			$45,522,085
FY17 Funding			
Revenues:			
Sale, Lease or Exchange of Communication Sites or Frequencies	0		
Commissions, Rebates, Refunds, Rate Reductions to Telecommunications Bypass Agreements	0		
Pay Phone Commissions	0		
Pay Phone Commissions Received in Error	0		
Gifts, Contributions and Grants	211,832		
Investment Interest	944,194		
Other			
Total Revenues		1,156,026	
Other Revenue and Transfers-In:			
Transfer-In from Prior Years (in begin balance)			
General Fund Appropriations Expended to Special Funds			
	35,942,697		
Total Transfers		35,942,697	
Reversion to Fund Balance for Completed MITDPs			
Total FY17 Sources to Date			37,098,723
Total FY17 Funding:			82,620,807
Transfer Out:			
Reallocation from Prior Years (in begin balance)	0		
Reversion to Fund Balance included in Beginning Balance	0		
Cash Revenue Reduction Paid - Cost Containment	1,803,000		
Project Expenditures Reimbursed by Fund To Date	14,713,004		
Liability for Pay Phone Commissions Due to Agencies	0		
Total Transfers Out:			16,516,004
Ending Fund Balance (as of 06/30/2017)			**$66,104,803**
Obligations			
Prior Years' Project Fund Obligations	14,556,307		
Current Year Project Fund Obligations	50,803,933		
Total Projected Project Obligations			65,360,239
Projected Net Funds Not Obligated (as of 06/30/2017)			**$744,564**

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State of Maryland
Department of Information Technology

FY17 Agency MITDP Expenditures

MITDPF	Project	AY Approved	Budget Book Adjustment	Amount Approved	Reductions from Prior Year Projects Applied to 2017 Projects	FY17 Revenue	FY17 Expenditures	FY18 Reverted Funds	FY17 Discretionary spending BAXXX	Carry Forward
DoIT	Oversight Race to the Top (RTTT)	2013		221,546				-221,546		0
DoIT	Oversight MDE Environment Permit Tracking System Modernization (EPTSM)	2014		3,796				-3,796		0
DoIT	Oversight MSP Computer Aided Dispatch / Records Management System (CAD / RMS)	2014		195,591				-195,591		0
DBM	DBM Enterprise Budgeting System (EBS)	2014		80,843			80,843			0
MDE	MDE Environmental Permit Tracking System Modernization	2014		157,557			99,129			58,428
DoIT	Enterprise Budgeting System (EBS)	2015		1,077,459			927,690			149,769
DHMH	Medicaid Enterprise Restructuring Project (MERP) formerly (MMIS)	2015		1,723,795			33,524			1,690,272
DHMH	Oversight Medicaid Enterprise Restructuring Project (MERP) formerly (MMIS)	2015		462,514			6,224	-456,289.36		0
DHMH	Oversight Finanical restructuring of Developmental Disabilities Adminstration (DDA)	2015		10,186				-10,186		0
DHMH	Long Term Supports and Services Tracking System (LTSS)	2015		1,187,700			760,099			427,601
DHMH	Oversight Long Term Supports and Services Tracking System (LTSS)	2015		348,504				-348,504		0
DHR	Enterprise Content Management Solutions (ECMS)	2015		843,870				-275,650		568,220
DHR	Automated Financial System (AFS)	2015		165,071			135,253			29,818
DHR	Oversight Automated Financial System (AFS)	2015		3,728			3,728	0		0
MSDE	Oversight Educator Information System (EIS) Expansion-RTTT49	2015		50,000			2,309	-47,691		0

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State of Maryland
Department of Information Technology

MITDPF	Project	AY Approved	Budget Book Adjustment	Amount Approved	Reductions from Prior Year Projects Applied to 2017 Projects	FY17 Revenue	FY17 Expenditures	FY18 Reverted Funds	FY17 Discretionary spending BAXXX	Carry Forward
MDE	Environment Permit Tracking System Modernization	2015		450,000						450,000
MDE	Oversight Environment Permit Tracking System Modernization	2015		24,269				-24,269		0
MSP	Computer Aided Dispatch/Records Management System (CAD/RMS)	2015		144,865				-144,865		0
MSP	Oversight Computer Aided Dispatch/Records Management System (CAD/RMS)	2015		34,855			10,672	-24,183		0
DoIT	Oversight Project Managers	2015		367,087				-367,087		0
SBE	New Voting System Replacement (NVSR)	2016		1,934,895			1,934,895			0
SBE	Oversight New Voting System Replacement (NVSR)	2016		147,487			68,499	-77,716		1,273
DHMH	Medicaid Enterprise Restructuring Project (MERP) formerly (MMIS)	2016		401,945						401,945
DHMH	Oversight Medicaid Enterprise Restructuring Project (MERP) formerly (MMIS)	2016		142,532						142,532
DHMH	Long Term Supports and Services Tracking System (LTSS)	2016		6,850,000						6,850,000
DHMH	Oversight Long Term Supports and Services Tracking System (LTSS)	2016		500,000			10,985	-489,015		0
DHR	Automated Financial System (AFS)	2016		304,425			294,565			9,860
DHR	Oversight Automated Financial System (AFS)	2016		18,038			18,038			0
MDE	Environment Permit Tracking System Modernization	2016		750,000						750,000
MDE	Oversight Environment Permit Tracking System Modernization	2016		50,000				-20,597		29,403
MSP	Automated licensing and Registration Tracking System (ALRTS)	2016		2,310,719			602,918			1,707,801
MSP	Oversight Automated licensing and Registration Tracking System (ALRTS)	2016		142,063			11,901			130,162
MSP	700 MHz Radios	2016		2,956,583			444,938			2,511,645

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State of Maryland
Department of Information Technology

MITDPF	Project	AY Approved	Budget Book Adjustment	Amount Approved	Reductions from Prior Year Projects Applied to 2017 Projects	FY17 Revenue	FY17 Expenditures	FY18 Reverted Funds	FY17 Discretionary spending BAXXX	Carry Forward
COMP	COMP-Integrated Tax System (ITS)	2016		1,440,000						1,440,000
COMP	COMP-Integrated Tax System (ITS) Oversight	2016		56,038			15,762	-40,276		0
DJS	DJS-Automated Statewide Support and Information Systems Tools (ASSIST)	2016		375,000			375,000			0
MDA	MDA-MDA Telecomm/DataComm Upgrade	2016		106,600						106,600
MDA	MDA-MDA Telecomm/DataComm Upgrade Oversight	2016		49,837				-49,837		0
MSP	Computer Aided Dispatch/Records Management System (CAD/RMS)	2016		50,574						50,574
DBM	Enterprise Budgeting System (EBS) Oversight	2016		469,688			31,662			438,026
DoIT	Discretionary spending BA16RE01	2016		10,890				-10,890		0
DoIT	Oversight Project Managers	2016		666,407			29,439	-599,301		37,667
DoIT	American Tower Lease Rental Revenue	2016		18,000				-18,000		0
	Re-allocation of Funds FY2017 Projects	2016		18,217,128	18,217,128					0
DoIT	**Prior Year Obligations**		**0.00**	**45,522,085**	**18,217,128**	**0**	**5,898,071**	**-3,425,289**	**0**	**17,981,596**
SBE	New Voting System Replacement (NVSR)	2017		4,790,956			2,491,711	0		2,299,245
SBE	Oversight New Voting System Replacement (NVSR)	2017	-225,000	250,000			18,359			6,641
SBE	SBE-Agency Election Management System (AMES)	2017		551,339						551,339
SBE	SBE-Agency Election Management System (AMES) Oversight	2017	-10,000	27,567			5,264			12,303
DHMH	DHMH-Long-Term Services (LTSS	2017		2,436,037			37,883			2,398,154
DHMH	DHMH-Long-Term Services (LTSS) Oversight	2017	-400,000	500,000						100,000
DHMH	DHMH- Computerized Hospital Record & Information System (CHRIS)-(EHR)	2017		500,000			141,863			358,137

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State of Maryland
Department of Information Technology

MITDPF	Project	AY Approved	Budget Book Adjustment	Amount Approved	Reductions from Prior Year Projects Applied to 2017 Projects	FY17 Revenue	FY17 Expenditures	FY18 Reverted Funds	FY17 Discretionary spending BAXXX	Carry Forward
DHMH	DHMH- Computerized Hospital Record & Information System (CHRIS) Oversight (EHR)	2017	-15,000	50,000			22,606			12,394
DHR	DHR-Automated Financial Systems (AFS)	2017	-966,216	1,186,216						220,000
DHR	DHR-Automated Financial Systems (AFS) Oversight	2017	-33,784	58,784			12,792			12,208
DHR	MDTHINK-Shared Service Platform	2017	0	13,284,449						13,284,449
DHR	MDTHINK-Shared Service Platform-Oversight	2017	-8,000	500,000			160,036			331,964
DPSCS	DPSCS- Computerized Criminal History (CCH) Replacement Phase II	2017		20,000						20,000
DPSCS	DPSCS- Computerized Criminal History (CCH) Replacement Phase II Oversight	2017	-80,000	116,000			17,173			18,827
MDE	MDE-Environmental Permit Tracking System Modernization (EPTSM)	2017		1,440,000						1,440,000
MDE	MDE-Environmental Permit Tracking System Modernization (EPTSM) Oversight	2017		50,000			31,432			18,568
MSP	MSP-Automated License and Regulation (ALRTS)	2017		2,000,000						2,000,000
MSP	MSP-Automated License and Regulation (ALRTS) Oversight	2017	-65,000	100,000			13,028			21,972
MSP	MSP-700 MHz Radios	2017		7,026,349	2,480,042		5,413,607			4,092,784
COMP	COMP-Integrated Tax System (ITS)	2017	55,000		12,845,000					12,900,000
COMP	COMP-Integrated Tax System (ITS) Oversight	2017			300,000		71,401			228,599
DHMH	DHMH-Medicaid Management Information System (MMIS II)	2017			2,092,086					2,092,086
DHMH	DHMH-Medicaid Management Information System (MMIS II) Oversight	2017			500,000		115,739			384,261
DPSCS	DPSC-Pilot Drone Detection Program	2017		1,000,000						1,000,000
DoIT	Re-allocation of Funds FY2018 Projects	2017						3,500,000		3,500,000
	FY17 Obligations		-1,803,000	35,942,697	18,217,128	0	8,552,892	3,500,000	0	47,303,933
DoIT	Oversight Project Managers	2017				944,194	262,040	-74,711		607,443

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

State of Maryland
Department of Information Technology

MITDPF	Project	AY Approved	Budget Book Adjustment	Amount Approved	Reductions from Prior Year Projects Applied to 2017 Projects	FY17 Revenue	FY17 Expenditures	FY18 Reverted Funds	FY17 Discretionary spending BAXXX	Carry Forward
DoIT	American Tower Lease Rental Revenue	2017				42,430				42,430
DoIT	Germantown Tower - Montgomery Co.	2017				3,601				3,601
DoIT	Shady Groove Tower-WSSC	2017				165,800				165,800
			- 1,803,000	81,464,782	0	1,156,026	14,713,004	0	0	66,104,803

State of Maryland

Department of Information Technology

Department Of
INFORMATION
TECHNOLOGY

LARRY HOGAN
Governor
BOYD K. RUTHERFORD
Lieutenant Governor

MICHAEL G. LEAHY
Acting Secretary
LANCE SCHINE
Deputy Secretary

Page Left Intentionally Blank

Baltimore City Community College: Enterprise Resource Planning (ERP) System (#6618)

Project Description: Baltimore City Community College (BCCC) is replacing its administrative system, which consists of archaic and siloed modules that are no longer supported. This legacy system was cobbled together beginning in the late 1990s and is mainframe and COBOL based. This system no longer supports basic compliance regulations or enhanced business functions. Maintaining this system is no longer a viable option since the companies who developed these systems no longer provide support or are not in business. Key functional areas to be replaced include Student-facing functionality, Finance and Human Resource functionality.

Project Status: The selection of a new ERP is behind schedule due to personnel turnover and extended negotiations.   The RFP was issued September, 2017, and the technical and financial reviews are nearing completion. A recommendation for award is planned for Q2 of FY18. Once implemented, BCCC plans to review document management for their imaging needs.

Known / Anticipated Schedule Changes: BCCC anticipates re-baselining the schedule according to the selected vendor's recommend implementation approach.

Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.

Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.

Risk Assessment: BCCC is at risk for not having appropriate internal resources to support the implementation. BCCC is working to identify internal resources and other staff augmentation opportunities. The school must have the Financial Aid System ready in 2017 and 2018 school year. Delays in ERP implementation will cause BCCC to need additional years of support for Financial Aid. BCCC is negotiating with the current vendor to extend the contract. Adding a cloud / hosted ERP to BCCC will add additional stress to BCCC's network performance. Discussions are underway with DoIT and MD Research and Education Network) (MDREN) to ensure adequate network service is in place.

Portfolio Review / Health Assessment Held:	06/28/2017	IV&V Assessments Initiated:	None

Baltimore City Community College: Enterprise Resource Planning (ERP) System (#6618)

Financial Summary

Project Costs						Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017		Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF		-	-			GF				-
SF	3,225,901	9,575,290	12,801,191	25.20%		SF	2,583,771	3,750,774	3,027,983	9,362,528
FF		-	-			FF				-
RF		-	-			RF				-
MITDPF						MITDPF				-
Totals	3,225,901	9,575,290	12,801,191	25.20%		**Totals**	2,583,771	3,750,774	3,027,983	9,362,528

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF		-	-			-
SF	4,250,000	3,125,000	1,200,290	1,000,000		9,575,290
FF						-
RF						-
MITDPF						-
Totals	4,250,000	3,125,000	1,200,290	1,000,000	-	9,575,290

Budget and Management: Central Collections Unit Systems Modernization (CCU) (P008)

Project Description: DBM'S CCU currently uses a customized version of Columbia Ultimate's Revenue Plus Collector System to perform collection activity. It was determined after the planning and requirements gathering that it is in the best interest of DBM and the agencies that CCU supports, to perform a full CCU Information Technology modernization effort.

Project Status: The CCU project remains in the system integration testing (SIT) phase. Debt Manager achieved application performance goals for loading debtors after tuning activities were completed for the full data conversion. Debtors with 1000+ accounts are loading 2x to 3x faster than the legacy system with 99% of accounts loading within 1-2 seconds. The duration to load the full data extract has been reduced from 17 days to 7 days. MDOT has approved a new network for accessing the new CCU system.   A network upgrade was required for the VoIP telephone system at 300 West Preston Street and is planned for completion in FY18 Q1. The CCU project team estimates the VoIP solution to be implemented in FY18 Q3.

Known / Anticipated Schedule Changes: Delays were experienced with the IVR procurement due to the State's VoIP requirement. Also, vendor resource changes for data extract programming services impacted the project schedule for data conversion testing. These changes have caused a schedule impact of approximately 5 months. As a result, the Project Sponsor has requested a phased go-live for the Tax Refund Intercept Program (TRIP) in the 2nd quarter of FY 2018.

Known / Anticipated Cost Changes: Additional costs for the VoIP platform will be incurred.

Known / Anticipated Scope Changes: The acquisition of the IVR resulted in a scope change based on the State's VoIP requirement. The existing telephone system is obsolete.

Risk Assessment: The project team must be able to complete data conversion and the VoIP implementation to prevent schedule delays. Updates are discussed monthly with the guidance of the Executive Steering Committee (ESC) in order to select the most appropriate implementation solution.

Portfolio Review / Health Assessment Held: 6/28/2017	**IV&V Assessments Initiated:** 05/10/2010

Budget and Management: Central Collections Unit Systems Modernization (CCU) (P008)

Financial Summary

Project Costs					Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017	Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF					GF				-
SF	14,954,251	4,142,722	19,096,973	78.31%	SF	15,615,965	1,875,000	1,606,008	19,096,973
FF					FF				-
RF					RF				-
MITDPF					MITDPF				-
Totals	14,954,251	4,142,722	19,096,973	78.31%	Totals	15,615,965	1,875,000	1,606,008	19,096,973

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	4,142,722		-			4,142,722
FF						-
RF						-
MITDPF						-
Totals	4,142,722	-	-	-	-	4,142,722

Budget and Management: Enterprise Budgeting System (EBS) (#P010)

Project Description: This project's focus is the replacement of the Department of Budget and Management's (DBM) legacy budgeting system, Hands on Budget Office (HOBO), which is no longer maintainable. The new system will integrate position information from Workday and financial information from FMIS to allow the agency Budget Officers and DBM's Office of Budget Analysis (OBA) personnel to manage the budget development process as well as coordinate and manage the mandated amendment processes. The project will enable system-supported tools for the DBM end users to review and analyze the agency-requested budget, recommend approval or cuts of specific requests, incorporate the changes requested by the Governor's Office or the legislative sessions, and print the Budget Books and relevant appendices, summaries and highlights. In addition, the project will introduce new capabilities in monitoring and reporting current year spend. Due to the age of the current HOBO system DBM is also expecting a significant amount of business process changes to be introduced. The project has designated a key resource for business process change management, training and communication to assist in that effort.

Project Status: The baseline plan calls for five software releases in a roughly 2-month cycle. Release 1 (completed in April): reporting model, FMIS/Workday integration, and internal adjustments was focused on OBA internally for completion of the FY18 budget appropriation as per the legislative session. Release 2 (completed in June): position inventory reconciliation, agency data exchange, and operational report was mostly agency focused. The main business focus was the salary forecast for the FY19 budget year. Even though there was active engagement from about 15 agency personnel during the release's user acceptance testing, post-production issues and change requests have required 3 patch releases. As a result, Release 3, to include DBM functionality to analyze budget requests and prepare recommendation to the Executive Branch, is currently delayed by about 1 month.

The Amazon infrastructure was delayed due to unplanned difficulties in regards to firewalls, credential synchronization between on premise facilities, the AWS hosting block, and on-going development of the DoIT Hosting Block until one week prior to the Release 1 implementation date. Since then, the AWS infrastructure and related management processes have been stable, with no unplanned outages and only minor issues in performance.

Known / Anticipated Schedule Changes: The current one-month delay will not be recoverable, and it is expected that releases 3, 4 and 5 will be six to 8 weeks behind schedule. These delays should not have a significant business impact as the need for a schedule contingency was built into the baseline plan.

Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.

Known / Anticipated Scope Changes: A Change Request is in process for approval to expand the project scope in regards to agency-specific budgeting models (starting with Medicaid at MDH)

Risk Assessment: None

Portfolio Review / Health Assessment Held:	06/28/2017	**IV&V Assessments Initiated:**	09/23/2014

Budget and Management: Enterprise Budgeting System (EBS) (#P010)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF				
SF				
FF				
RF	7,973,375	17,233,025	25,206,400	31.63%
MITDPF				
Totals	**7,973,375**	**17,233,025**	**25,206,400**	**31.63%**

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF				-
SF				-
FF				-
RF	13,136,400	13,000,000	-	26,136,400
MITDPF				-
Totals	**13,136,400**	**13,000,000**	**-**	**26,136,400**

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF						-
FF						-
RF	8,028,821	4,291,924	2,619,265	2,293,015	-	17,233,025
MITDPF						-
Totals	**8,028,821**	**4,291,924**	**2,619,265**	**2,293,015**	**-**	**17,233,025**

Budget and Management: Statewide Personnel System (SPS) (P008)

Project Description: The purpose of the SPS project is to implement SaaS Cloud Multi-tenant Subscription based HCM solutions to replace the State's legacy personnel systems, automate certain manual business processes, integrate statewide personnel systems, and to provide robust business intelligence analysis and reporting capabilities on the related current and legacy data. Agencies statewide will benefit from the integrated Human Resources Information System (HRIS). The project includes modules such as HR, compensation, benefits admin, timekeeping, absence, gross payroll, recruiting and employee (personal information, benefits and time)/manager self-service. It also includes an embedded business intelligence analytical reporting capabilities. The personnel activities of all executive branch agencies were formerly supported by systems that were developed and implemented in 1975. The legacy systems interface with statewide agencies serving 1400 core users, who manage the personnel activities of approximately 50,000 State employees, and benefit activities of approximately 250,000 combined State employees, retirees and their eligible dependents with millions of transactions processed annually.

Project Status: The Time Tracking, Absence and Gross Payroll functionality successfully went live on March 18, 2016 for DBM & DoIT and on May 24, 2016 for all the Statewide Personnel Management System (SPMS)   Agencies except for DPSCS. DPSCS went live on October 12, 2016 due to delay in their internal process readiness. The Benefits implementation started on December 1, 2016. Benefits is scheduled to go live on September 11, 2017 for DBM & DoIT. Parallel testing will continue and the remaining Agencies including all Universities, Judiciary, and MGA are schedule to go live in January, 2019.

Known / Anticipated Schedule Changes: Benefits for all the remaining Agencies including all Universities, Judiciary, MDoT and MGA is now scheduled to go-live in January, 2019.

Known / Anticipated Cost Changes: Due to the change in approach of the Benefits go-live because of the HR User Advancement Activities (i.e. The training and monitoring program over the next 15 months is to increase Statewide knowledge of Statewide HR, Compensation and Benefits policies, rules and Workday processing. This is to reduce repeated system wide HR/Compensation transaction errors that have a downstream impact on Payroll, Time, and will impact Benefits) the project anticipates additional funding will be needed in upcoming fiscal years.

Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.

Risk Assessment: The Workday product team is working with the State to resolve the identified product issues prior to the Benefits Statewide go-live in January, 2019. Workday product team is targeting to deliver the fixes tentatively by the Workday Update 31 in September, 2018. In addition, the Workday product team is working to resolve the Benefits related 508 compliance & usability issues that are reported by the State. In order to mitigate the risk of Workday not delivering these fixes in time, the State team will use the Workday suggested manually intensive workarounds to complete the Benefits processing.

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Budget and Management: Statewide Personnel System (SPS) (#P008)

Financial Summary

Project Costs					Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017	Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF					GF				-
SF					SF				-
FF					FF				-
RF	52,362,560	40,705,235	93,067,795	56.26%	RF	52,719,166	13,168,632	8,659,732	74,547,530
MITDPF					MITDPF				-
Totals	52,362,560	40,705,235	93,067,795	56.26%	Totals	52,719,166	13,168,632	8,659,732	74,547,530

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF						-
FF						-
RF	24,007,729	10,269,523	6,427,983	-	-	40,705,235
MITDPF						-
Totals	24,007,729	10,269,523	6,427,983	-	-	40,705,235

Comptroller of Maryland: Integrated Tax System (ITS) (#ITS09)

Project Description: The Compass Integrated Tax System (ITS) project will replace the Agency's State of Maryland Tax (SMART) system, Computer Assisted Collection System (CACS,) and other outdated tax processing systems and integrate with a robust data warehouse to both continue and expand revenue generating projects and provide enhanced reporting functionality. The integrated system will allow the Comptroller to efficiently administer all taxes and fees required by law. This includes the processing and collection of personal income tax and sales and use tax, the State's largest sources of revenue. Successful implementation will bring the Comptroller of Maryland (COM) a modernized system which makes use of current technologies and is supported by and adaptable to the mainstream IT workforce. Uniformity in processing across tax types will simplify compliance by taxpayers and allow for a more dynamic use of Comptroller staff. Ongoing maintenance and support by an ITS vendor is expected. This will include on-site staff responsible for supporting annual tax changes, new legislative mandates, and routine system maintenance and enhancements. The estimated total project cost is $110 million.
Project Status: COM awarded a TORFP through the state's CATS+ Master Contract in April, 2017 to provide Project Management, System Integration, and Cultural Change Management Services. The COM ITS project team prepared the required planning documentation and associated business processes in support of the project. The COM expects to complete the first draft of the RFP for DoIT review in Q2 of FY18, and plans to issue the RFP in Q3 with a target award timeframe in early FY19.
Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.
Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: There is a potential protest of the Project Planning TORFP award (CATS+). The project is working with Comptroller Attorney General (AG) and monitoring the developments.

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Comptroller: Integrated Tax System (ITS) (#ITS09)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF	22,226	53,291,612	53,313,838	0.00%
SF	337,262	43,203,900	43,541,162	0.77%
FF				
RF				
MITDPF		13,145,000	13,145,000	
Totals	359,488	109,640,512	110,000,000	0.33%

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF	1,500,000	55,000	-	1,555,000
SF	1,000,000	8,800,000	-	9,800,000
FF				-
RF				-
MITDPF		13,145,000	-	13,145,000
Totals	2,500,000	22,000,000	-	24,500,000

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	1,991,612	13,200,000	13,200,000	13,200,000	11,700,000	53,291,612
SF	9,003,900	8,800,000	8,800,000	8,800,000	7,800,000	43,203,900
FF						-
RF						-
MITDPF	13,145,000					13,145,000
Totals	24,140,512	22,000,000	22,000,000	22,000,000	19,500,000	109,640,512

Education: Enhanced Child Care Administration and Tracking System (eCCATS) (#F700)

Project Description: The eCCATS project will enhance the current CCATS application to support the future business needs of the Division of Early Childhood Development and the Office of Child Care. The fixed-price options will support one of the following primary project objectives, with the schedule based on funding availability: 1. Establish architectural renovations in data and code design, security and usability; 2. Correct essential records for providers, accounting, staff qualifications and credentials documents; 3. Improve reports and work management; 4. Implement a provider portal; 5. Improve payments process with an option for point-of-service interface; 6. Improve case management with an option for expanded Department of Human Resources interfaces; 7. Provide trainer support and portal expansion with an option for quality reporting; 8. Create grant management of four program 9. Enhance portal and licensing processes
Project Status: The project was completed in March, 2017 with all options delivered and accepted. DoIT conducted the Project Closeout meeting on March 24, 2017 with the MSDE Executive Sponsor, CIO and Project Manager. The MITDP Project Closeout Authorization was approved by DoIT and released to MSDE at the conclusion of the meeting. This project will no longer be included in future MITDP reporting.
Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.
Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: None

Portfolio Review / Health Assessment Held:　　03/24/2017	IV&V Assessments Initiated:　　　　None

Education: Enhanced Child Care Administration and Tracking System (eCCATS) (#F700)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF				
SF				
FF	7,722,393		7,722,393	100.00%
RF				
MITDPF				
Totals	7,722,393	-	7,722,393	100.00%

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF				-
SF				-
FF	9,152,344	300,000		9,452,344
RF				-
MITDPF				-
Totals	9,152,344	300,000	-	9,452,344

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	-	-				-
SF						-
FF						-
RF						-
MITDPF						-
Totals	-	-	-	-	-	-

Education: Maryland Direct Certification System (MDCS) (#F6107)

Project Description: The Maryland State Department of Education (MSDE), Office of School and Community Nutrition Programs (OSCNP) project is to improve the Direct Certification (DC) matching process in Maryland through the award of a Tier 2 DC Improvement Grant. The current decentralized DC matching processes will be discontinued at the local level and hosted by the State Agency. A DC portal will be developed allowing the Local Education Agency (LEA) enrollment file uploads and real-time look-up features for DC matching. Statistical reports will be generated from LEA matching activity supporting accurate State Agency oversight of LEA match success rates, matching frequency, and technical assistance for external users.
Project Status: MSDC Project is in the Planning Phase using an agile approach. The Planning and award of contracted services is expected to complete in the Q2 of FY18. The project is expected to complete in Q2 of FY19. Operation Agreements and related Memorandum Of Understanding documents have been executed by the MSDE with the State of Florida Department of Agriculture (SFDA) and the Maryland Department of Human Resources (DHR).
Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.
Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: None

Portfolio Review / Health Assessment Held:	6/28/2017	IV&V Assessments Initiated:	None

Education: Maryland Direct Certification System (MDCS)

Financial Summary

Funding Type	Project Costs					Funding Type	Project Funding			
	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017			Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF			-			GF				-
SF			-			SF				-
FF	42,780	973,628	1,016,408	4.21%		FF		151,200	795,200	946,400
RF			-			RF				-
MITDPF						MITDPF				-
Totals	42,780	973,628	1,016,408	4.21%		**Totals**	-	151,200	795,200	946,400

Funding Type	Out Year Cost Detail					
	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF						-
FF	903,620	70,008				973,628
RF						-
MITDPF						-
Totals	903,620	70,008	-	-	-	973,628

Elections: Agency Elections Management System (AEMS) (#0873)

Project Description: The Maryland State Board of Elections (SBE) has set out to redevelop the ballot functionality of the current legacy Agency Election Management System (AEMS) on a new platform. The AEMS Modernization project will provide all existing capabilities of the legacy system, add new capabilities, and ensure more user friendliness and flexibility. Some new potential features of the new AEMS system will include enhanced reporting, the ability to consolidate precincts, ballot definition prior to candidate filing, and multi-language translation. Additionally, the upgraded AEMS system will provide a more economical and sustainable platform and reduce risk due to better management control. It will also offer control over the changes to the application functionality and the system data. Future costs will include ongoing application support for maintenance and enhancement purposes as well as annual maintenance fees to providers of software platform elements and platform hosting fees.
Project Status: SBE determined the best approach for this project was to leverage the existing MDVOTERS system infrastructure, code, system monitoring, and contingency plans that are currently in place for existing modules. A Work Order under the current MDVOTERS CATS + contract was approved in April, 2017 to initiate the work. As of June, 2017 we completed the Work Plan, on boarded all but 2 project resources, established a high level schedule, defined user stories and performed hands on and remote requirements gathering sessions. Additional requirements gathering sessions are scheduled for Q2 of FY18, with full implementation expected for the end of Q2 of FY19.
Known / Anticipated Schedule Changes: The Work Order for the new approach was not approved until April, 2017, and therefore the project, in its current form, is considered on schedule. However, the projected start date for the original approach was July, 2017 and as a result, some may consider this project behind schedule. Utilizing the existing MDVOTERS infrastructure will allow for a reduced full project timeline for implementation from the original plan. Therefore a recovery of delays is likely.
Known / Anticipated Cost Changes The development and implementation costs for this project are significantly less than the projected cost due to integrating with MDVoters.
Known / Anticipated Scope Changes: The logic used for various aspects of AEMS is based on legislation and therefore there is a chance that legislation passed during the 2018 session could impact the scope.
Risk Assessment: Data Integrity issues exist at the County level due inconsistence data entry. To mitigate this risk, the voter registration division published an article in the SBE Registrar to enforce the counties to follow the standard naming convention. Limited SBE Staff is available for conducing UAT and System Testing. To mitigate the risk, SBE is hiring two new resources to assist with UAT and System Testing.

Portfolio Review / Health Assessment Held:	6/28/2017	**IV&V Assessments Initiated:**	None

Elections: Agency Elections Management System (AEMS) (#0873)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF	2,632	2,499,944	2,502,576	0.11%
SF	2,632	2,499,944	2,502,576	0.11%
FF				
RF				
MITDPF				
Totals	5,264	4,999,888	5,005,152	0.11%

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF	-	578,906	754,920	1,333,826
SF	-	578,906	754,920	1,333,826
FF				-
RF				-
MITDPF				-
Totals	-	1,157,812	1,509,840	2,667,652

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	1,331,194	656,250	262,500	250,000		2,499,944
SF	1,331,194	656,250	262,500	250,000		2,499,944
FF						-
RF						-
MITDPF						-
Totals	2,662,388	1,312,500	525,000	500,000	-	4,999,888

Elections: New Voting System Replacement (NVSR) (#0003)

Project Description: This project is an out-of-cycle FY13 project. The project name changed in FY14 to the New Voting System Replacement (NVSR) project and is identified in the FY15 ITPR submission as NVSR. The Maryland State Board of Elections (SBE) has been mandated (see Election Law Article 9-102 of the Annotated Code of Maryland) to select, certify, and implement a new statewide paper based voting system to replace the existing voting system. SBE intends to have the system in place and ready to use in the 2016 Presidential Election cycle. The project, contingent on available funding, includes securing the services of a contract project management team for this project, the identification of the technical and accessibility requirements of the system, Maryland certification of available systems, procurement of the system, development and conduct of acceptance testing of the new system, all aspects of training key

stakeholders (including documentation and delivery) on all facets of the new system, voter outreach and education on how to use the new system, development of interfaces with other election systems, accessibility evaluation, security analysis, and collection and disposal of the old system. The NVSR project also includes an inventory component.

Project Status: The project is currently in Operations and Maintenance (O&M). The SBE planned to procure additional equipment at the end of FY17 to support the necessary counties following assessments performed after the 2016 election. Due to the need for the additional equipment for the 2018 election cycle, the lease on the CW was extended. In addition, all new voting equipment has been inventoried and will be migrated into the new inventory system upon testing scheduled for completion in Q1 of FY18. A Decommissioning/Disposal Plan was developed for the legacy voting equipment stored at the Central Warehouse (CW). The SBE continues to work with the Department of General Services (DGS) for the sale, recycle, or other disposal means for equipment and supplies. Disposal will occur in FY18 if there is no interest to purchase. Additional network improvements and enhancements to the voting equipment are in progress to better support future elections. A Network Maintenance Plan was developed and distributed to the Local Boards in April, 2017.

Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.

Known / Anticipated Cost Changes: Both the procurement of additional equipment and the extension of the CW lease will increase the NVSR project cost. Due to these factors there was also a need to extend support resources for warehouse management, equipment acceptance testing, and logistics which also contributes to additional unplanned expenditures forthcoming in FY18.

Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.

Risk Assessment: A deficiency request will be submitted in FY18 for unplanned project costs. Approval is needed to ensure a successful 2018 election cycle.

Portfolio Review / Health Assessment Held:	06/28/2017	**IV&V Assessments Initiated:**	None

Elections: New Voting System Replacement (NVSR) (#0003)

Financial Summary

Project Costs					Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017	Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF	11,902,933	4,097,762	16,000,695	74.39%	GF	8,954,784	5,040,956	3,546,208	17,541,948
SF	11,635,490	4,097,762	15,733,252	73.95%	SF	10,154,783	5,040,956	3,680,601	18,876,340
FF					FF				-
RF					RF				-
MITDPF					MITDPF				-
Totals	23,538,423	8,195,524	31,733,947	74.17%	Totals	19,109,567	10,081,912	7,226,809	36,418,288

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	4,097,762					4,097,762
SF	4,097,762					4,097,762
FF						-
RF						-
MITDPF						-
Totals	8,195,524	-	-	-	-	8,195,524

Environment: Environment Permit Tracking System Modernization (EPTSM) (#3205)

Project Description: The Environmental Permit Tracking System Modernization (EPTSM) project will modernize how the Maryland Department of the Environment (MDE) currently captures departmental permit data by transitioning from the existing legacy PowerBuilder user interface (UI) to one developed using .NET technologies. This project also supports the Department's agenda of making services such as ePermitting and eCommerce accessible to Maryland citizens, businesses, and other stakeholders, through the use of an interactive customer-centric web-based portal.
Project Status: Vendor bids for a CATS+ TORFP were received on March 10, 2017 for the modernization effort. Evaluations have been completed and an award for implementation is anticipated for Q2 of FY18.
Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.
Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: None

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Environment: Environment Permit Tracking System Modernization (EPTSM) (#3205)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF	431,282	3,498,718	3,930,000	10.97%
SF				
FF				
RF				
MITDPF				
Totals	**431,282**	**3,498,718**	**3,930,000**	**10.97%**

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF	1,850,000	1,490,000	40,000	3,380,000
SF				-
FF				-
RF				-
MITDPF				-
Totals	**1,850,000**	**1,490,000**	**40,000**	**3,380,000**

Out Year Cost Detail					
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	2,948,718	550,000				3,498,718
SF						-
FF						-
RF						-
MITDPF						-
Totals	**2,948,718**	**550,000**	**-**	**-**	**-**	**3,498,718**

Health: Electronic Health Records (EHR) (#A806)

Project Description The Maryland Department of Health (MDH) is looking to replace its legacy paper and electronic patient records with a modern electronic health record (EHR) and revenue cycle system that will improve operational efficiency, hospital planning, evaluation and accreditation, patient care and safety, and data security, as well as reduce the cost of administering a large multi-hospital system. The new system will enable eligible professionals, hospitals and Local Health Departments to submit public health data to MDH electronically and to support MDH program goals to increase the transition from paper to electronic reporting. The system will include an improved electronic pharmacy ordering and dispensing module and introduce a fully integrated Electronic Medical Records (EMR) system across all State operated inpatient facilities. In doing so, this system will modernize and automate many existing manual, paper-based systems and significantly enhance quality improvement and quality assurance efforts within each State inpatient facility.

Project Status: A Request for Information (RFI) was released in June. Vendor demonstrations will be held in July, 2017. This planning phase of the EHR will conclude in August, 2017 with the delivery of a draft Request for Proposal (RFP) and an EHR Justification document expected to complete in Q2 of FY17, to include analytical and transactional EHR.

Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.

Known / Anticipated Cost Changes: The transactional EHR component is expected to increase costs once an analysis is conducted on the scope of the effort.

Known / Anticipated Scope Changes: The scope was expanded to include analytical EHR, as well as transactional EHR.

Risk Assessment: None

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Health: Electronic Health Records (EHR) (#A806)

Financial Summary

Project Costs					Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017	Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF	164,469	28,385,531	28,550,000	0.58%	GF	-	535,000	90,000	625,000
SF					SF				-
FF					FF				-
RF					RF				-
MITDPF					MITDPF				-
Totals	164,469	28,385,531	28,550,000	0.58%	Totals	-	535,000	90,000	625,000

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	385,531	10,000,000	10,000,000	4,000,000	4,000,000	28,385,531
SF						-
FF						-
RF						-
MITDPF						-
Totals	385,531	10,000,000	10,000,000	4,000,000	4,000,000	28,385,531

Health: Long Term Support and Services Tracking System (LTSS) (#T807, T808, & T809)

Project Description: Maryland Medicaid implemented a crucial Long Term Care reform system that increases federal matching funds (FMAP) by over $140M. Specifically, Maryland implemented a tracking system (LTSS), a standardized assessment instrument, and an in-home services verification system (ISAS). LTSS is an integrated care management tracking system that houses real-time medical and service information regarding Medicaid participants. The original scope of work for the development and delivery of the LTSS system was determined by the functionality necessary to meet the federal Balancing Incentive Program (BIP) and Community First Choice (CFC) program requirements. Now, the Department is adding additional waiver programs to the LTSS via modules of developed software. A module to support the Developmental Disabilities Administration (DDA) waiver is planned for July 2018. Additionally, the Medical Day Care waiver (MDC), the Rare and Expensive Case Management program (REM), ISAS Provider Portal, and enhancements to existing implementations will go live in 2018.

Project Status: The Department modified the Development contract to account for the DDA implementation. The current O&M vendor was unable to expand the current technical infrastructure to support DDA; thus, the Department is in the process of a CATS+ procurement to obtain a new O&M contract that includes the expanded technical infrastructure. Award and cutover is planned in FY18. The Department is continuing to fulfill the obligation as a Test Experience and Functional Tool (TEFT) grant awardee by developing functionality in LTSS to support the grant requirements, which include enhanced functionality to provide LTSS access and data directly to waiver recipients, connecting to disparate sources of data and monitoring and evaluating the usage of the enhanced features. TEFT is a 4 year grant with a phased approach. The Department is also working on MDC Phase II implementation and Provider Portal implementation in State FY18.

Known / Anticipated Schedule Changes: The DDA Module Release 1.0 moved from July, 2017 to August, 2018, due to DDA readiness and LTSS Technical Infrastructure expansion needs.

Known / Anticipated Cost Changes: The cost of the LTSS project has increased due to the additional scope of the DDA custom development, TEFT grant, and contracts relating to long-term hosting and support of the system. LTSS was approved for 90% funding for Federal FY17 and are in the process of procuring APD approval for FY18.

Known / Anticipated Scope Changes: The scope of the LTSS project will be expanded to include custom development to support the DDA; as well as other Department development priorities and enhancements. The team is managing scope changes to the base-LTSS functionality. DDA requirements continue to change with the introduction of 2 new waiver programs and delays in providing a finalized rate study.

Risk Assessment: A delay in the completion of DDA system requirements will negatively impact the LTSS project schedule, and may cause disruption to existing LTSS planned activities and impact to resources. In order to mitigate this risk LTSS will continue to work with the DDA team to ensure that requirements, design, and schedule are acceptable for accurate implementation with the LTSS system. DDA business readiness to begin operating their new business model using LTSS is a significant risk. OHS meets regularly with DDA and provides experience information to help DDA understand and prepare for to-be operations.

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** 11/06/2013

Health: Long Term Support and Services Tracking System (LTSS) (#T807, T808, & T809)

Financial Summary

Project Costs					Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017	Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF	11,806,483	33,447,203	45,253,686	26.09%	GF	21,402,649	2,936,037	3,065,000	27,403,686
SF					SF				-
FF	24,235,444	102,490,663	126,726,107	19.12%	FF	22,178,196	12,522,911	18,075,000	52,776,107
RF					RF				-
MITDPF					MITDPF				-
Totals	36,041,927	135,937,866	171,979,793	20.96%	Totals	43,580,845	15,458,948	21,140,000	80,179,793

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	15,597,203	4,500,000	4,850,000	4,250,000	4,250,000	33,447,203
SF						-
FF	28,540,663	20,400,000	21,450,000	16,050,000	16,050,000	102,490,663
RF						-
MITDPF						-
Totals	44,137,866	24,900,000	26,300,000	20,300,000	20,300,000	135,937,866

Health: MBP IT Licensure (#A803)

Project Description: The Maryland Board of Physicians (MBP) is seeking a new more fully integrated medical licensure and investigation software system to replace the current antiquated systems. The Board's needs have exceeded its 1995 vintage software capabilities. The new software will facilitate the generation of more accurate reports on ongoing and completed Board activities. It will also facilitate increased internet interactions, allowing applicants and clients to receive more timely status reports.
Project Status: The project's schedule milestones and deliverables were updated to include a multi-Board approach and discussions are continuing on the strategy for this approach. The Draft functional requirements have been updated for the Board of Physicians during Q4 FY17.
Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.
Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.
Known / Anticipated Scope Changes: Discussions are ongoing for leveraging the needs for the remaining Boards.
Risk Assessment: Not all Boards may want to participate in the effort, which could affect scope.

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Health: MBP IT Licensure (#A803)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF				
SF	568,859	1,776,102	2,344,961	24.26%
FF				
RF				
MITDPF				
Totals	568,859	1,776,102	2,344,961	24.26%

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF				-
SF	684,000	273,648	1,409,463	2,367,111
FF				-
RF				-
MITDPF				-
Totals	684,000	273,648	1,409,463	2,367,111

Out Year Cost Detail					
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	1,776,102	-				1,776,102
FF						-
RF						-
MITDPF						-
Totals	1,776,102	-	-	-	-	1,776,102

Health: Medicaid Management Information Systems II (MMIS II) Enhancements (T8018)

Project Description: This project funds a major Program initiative identified as the MMIS II Enhancements Project. The MMIS II Enhancements project is a multi-phase multi-year initiative that includes implementing several federally required MMIS initiatives along with improvements to the current MMIS business operations service levels.   This project also includes performing an assessment of the current MMIS with a Medicaid Information Technology Architecture (MITA) 3.0 State Self-Assessment (SS-A). The objective is to develop a plan for replacing the legacy MMIS system with a new, modern MMIS based on a modular design, as required by Centers for Medicare and Medicaid Services (CMS).   In February 2016 these project components were presented to CMS. CMS gave the Department preliminary approval to receive 90% Federal enhanced funding for the implementation of the MMIS II enhancements and the MITA 3.0 SS-A. In addition, this Project will be funded by the Department of Information Technology (DoIT) in accordance with the submitted FY ITPR.

In June 2016 OSOP submitted a Planning Advanced Planning Document (PAPD) to notify the Centers for Medicare and Medicaid Services (CMS) of the State's intent to complete a successful Medicaid Information Technology Architecture (MITA) 3.0 State Self-Assessment (SS-A) as the initial step towards a modular replacement of its current Medicaid Management Information System (MMIS).   In addition to a MITA 3.0 SS-A, the program intends to plan for, procure, and implement a suite of MMIS initiatives necessary to support various Federal requirements and improve current MMIS operational service levels. These initiatives include: National Correct Coding Initiative (NCCI), Health Plan Identifier (HPID) Remediation, Provider Enrollment and Validation, Decision Support System (DSS) / Data Warehouse (DW), CAQH/CORE Remediation, and Case Management System.

Project Status: MDH submitted a Planning Advanced Planning Document (PAPD) to CMS and received approval for 90% federal funds match September 3, 2016 to plan for modular replacement of the MMIS, plan for implementation of the MMIS initiatives, and perform a MITA 3.0 SS-A of the MMIS. MDH PMSQMS contractor held executive visioning sessions with MDH Medicaid programs to discuss MDH support of the MITA SS-A program transition and the MITA As-Is and To-Be maturity levels expectations for MMIS. MDH continues working with its Federal partner CMS to request federal match and approval to implement the MMIS initiatives. In addition, MDH is working with CMS on process to replace the MMIS as modular components instead of the monolithic approach to implementing a new MMIS.

Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.

Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.

Known / Anticipated No known or anticipated scope changes at this time.

Risk Assessment: None

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Health: Medicaid Management Information Systems II (MMIS II) Enhancements (T8018)

Financial Summary

Project Costs						Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017		Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF	204,090	5,113,543	5,317,633	3.84%		GF	-	2,592,086	2,725,547	5,317,633
SF						SF				-
FF	1,836,810	49,587,423	51,424,233	3.57%		FF	-	14,388,257	19,729,409	34,117,666
RF						RF				-
MITDPF						MITDPF				-
Totals	2,040,900	54,700,966	56,741,866	3.60%		Totals	-	16,980,343	22,454,956	39,435,299

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	3,073,513	2,040,030				5,113,543
SF						-
FF	22,664,956	26,922,467				49,587,423
RF						-
MITDPF						-
Totals	25,738,469	28,962,497	-	-	-	54,700,966

Housing and Community Development: Single Family and Financial Management System (SFFMS) (#7210)

Project Description: The Department funds or insures loans for purchase and construction of housing for low-income families; helps low- and moderate-income families buy or rehabilitate houses; and aids nonprofit organizations with grants or loans to house the elderly, developmentally disabled, and homeless. To fulfill this mission, the Department currently utilizes a legacy software system for the management and reporting for its Single Family and Financial Management (SFFMS) programs. Through a competitive solicitation process, the Department intends to modernize the software it uses for the management and administration of its SFFMS programs, to improve the efficiency of the loan origination and billing processes, to strengthen the security of programmatic interfaces as well as borrower and investment data, and to expand the line-of-business programs' analytical and reporting capabilities.
Project Status: In Q2 FY17, the BPW authorized DHCD's postponement of the RFP solicitation for a Single Family and Financial Management System. The Department will assess its circumstances in approximately a year to determine whether to continue the postponement, with budget constraints and volume of program activity being key factors in those future decisions. In the interim, the Department will continue to use the software and services provided by the incumbent contractor. The Department is currently in year one of a contract that allows for two more one-year renewal options with the incumbent. As a result, the Single Family and Financial Management System (SFFMS) has postponed progress on MITDP efforts.
Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.
Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: None

Portfolio Review /Health Assessment Held:	02/22/2017	IV&V Assessments Initiated:	None

Housing and Community Development: Single Family and Financial Management System (SFFMS) (#7210)

Financial Summary

Project Costs						Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017		Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF			-			GF				-
SF	42,885	-	42,885			SF		300,000	-	300,000
FF			-			FF				-
RF		-	-			RF				-
MITDPF		-	-			MITDPF		-		-
Totals	42,885	-	42,885	100.00%		Totals	-	300,000	-	300,000

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF						-
FF						-
RF						-
MITDPF						-
Totals	-	-	-	-	-	-

Human Services: Automated Financial System (AFS) (#6B13)

Project Description: The AFS is a computerized fiscal tracking system that is used statewide by local finance offices, allowing users to perform several accounting tasks. The system allows users to setup, print, and track payments for various vendors—including payments to foster care providers—while maintaining a history of all financial transactions. The system also provides the capability to generate various fiscal reports including the 302A for assistance and the General Ledger. The system also produces annual 1099 data that is subsequently uploaded into the State's Financial Management Information System (FMIS) via a manual batch load process. The AFS was developed using Delphi, a programming language based on object Pascal programming methods and released by the Borland Corporation in 1995. While Delphi was regarded as a very promising development platform that provided rich connectivity options to relational databases, it became increasingly restrictive and inflexible for the State to maintain. Requests for minor application changes were often costly to implement, and specialized programming skills were required to accommodate even minor requests for modification. AFS was implemented in 2000. Given the limitation of the technology suite upon which the application was built, the AFS is not able to easily adjust to new workflows and the adoption of newer technologies that will provide the State scalability and room for growth. To address these concerns, the State is in the process of acquiring a new Software-as-a-Service application that will provide improved scalability and functionality to support ongoing operations of the Department.
Project Status: DHS re-issued an RFP in March 2016 that detailed all relevant requirements needed to replace the current system. Due to a low response to the initial solicitation, the project team reevaluated areas of the RFP and relaxed potential impediments that precluded vendor bids. Upon revision, a second version of the RFP was released in December 2016. At the end of FY17, the vendor responses were still under evaluation by a select committee and expect to award the contract in Q2 of FY18
Known / Anticipated Schedule Changes: Revision, re-release of and delays in the evaluation of the RFP will cause schedule of RFP award to be delayed by at least 2 months. The project Schedule will be re-baselined after RFP award.
Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: None

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Human Services: Automated Financial System (AFS) (#6B13)

Financial Summary

Project Costs				
Funding Type	**Cost to Date through FY 2017**	**Out Year Costs**	**Estimate at Completion**	**% of EAC Spent through FY 2017**
GF	384,015	7,066,875	7,450,890	5.15%
SF				
FF	262,634	4,712,016	4,974,650	5.28%
RF				
MITDPF				
Totals	**646,649**	**11,778,891**	**12,425,540**	**5.20%**

Project Funding				
Funding Type	**Funding through FY 2016**	**Funding FY 2017**	**Funding FY 2018**	**Total Funding to Date**
GF	733,250	245,000	685,510	1,663,760
SF				-
FF	773,250	1,245,000	560,642	2,578,892
RF				-
MITDPF				-
Totals	**1,506,500**	**1,490,000**	**1,246,152**	**4,242,652**

Out Year Cost Detail					
Funding Type	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**Total Out Year Costs**
GF	839,235	1,556,910	1,556,910	1,556,910	1,556,910	7,066,875
SF						-
FF	1,729,768	745,562	745,562	745,562	745,562	4,712,016
RF						-
MITDPF						-
Totals	**2,569,003**	**2,302,472**	**2,302,472**	**2,302,472**	**2,302,472**	**11,778,891**

Human Services: Maryland Total Health Information Network (MDTHINK) (F8310)

Project Description: MD THINK is a technological endeavor in the State of MD which was initiated in FFY 2017 with Federal approval to modernize and integrate multiple MD State health and human services that are targeted towards the most vulnerable citizens in Maryland. The project is hosted by the Department of Human Services and is founded on the notion of a shared technological platform for the various web based technology systems that enable access to Maryland's health and human service programs. The common platform will be hosted on a Cloud Service provided by Amazon Web Service (AWS) and will constitute a Shared Data Repository (SDR) for centralized storage and retrieval of consumer data. Health and human service delivery in the State of MD has traditionally been supported by "silo", stand-alone systems with little or no interface with other systems that are also engaged in service delivery to similar target consumers in MD, including public health, juvenile systems, and adult services. This leads to a situation where service delivery is rendered more expensive due to systemic inefficiencies and redundancies. An integration of technology systems catering to various health and human services within the State and a common data repository across the systems will allow the State to achieve cost reductions, utilize modern technology and reduce time of delivery.

Project Status: Governor Hogan approved $13.8M for DHS' IT Modernization effort in Q3 of FY 17 to support its groundbreaking efforts to serve the citizens of Maryland, and enable MD to become the 1st state to launch an Integrated Human Services Platform that is shared across agencies in the State. Subsequently, DHS received approval from the Centers for Medicare & Medicaid Services (CMS) via the Implementation Advance Planning Document (IAPD) process to receive a Federal Funding Participation (FFP) for FFY17 - FFY19 for the MD THINK project with a total estimated cost of $195M. The initial activities will be focused on developing the Virtual Private Cloud (VPC) space with connectivity and security. Data repository, analytics, and access governance work streams will start soon after, providing the infrastructure to begin the pilot evaluations of the MD Child, Juvenile and Adult Management Systems. The work-streams that follow will be the business process management/case management systems, with business rules engine, and content and workflow management. Procurements are in development to support these activities. A quarterly Joint Chairmans Report (JCR) will also be submitted to provide ongoing updates on the project efforts.

Known / Anticipated Schedule Changes: None

Known / Anticipated Cost Changes: None

Known / Anticipated Scope Changes: None

Risk Assessment: None

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Human Services: Maryland Total Health Information Network (MDTHINK) (F8310)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF	688,344	94,815,094	95,503,438	0.72%
SF		-	-	
FF	4,466,888	211,416,563	215,883,451	2.07%
RF		-	-	
MITDPF		-	-	
Totals	5,155,232	306,231,657	311,386,889	1.66%

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF		13,784,449	6,530,010	6,530,010
SF				-
FF		64,619,442	65,218,287	65,218,287
RF				-
MITDPF		-		-
Totals	-	78,403,891	71,748,297	71,748,297

Out Year Cost Detail					
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	24,479,554	22,413,137	17,979,861	14,970,771	14,971,771	94,815,094
SF						-
FF	60,887,190	61,957,055	32,773,762	27,899,278	27,899,278	211,416,563
RF						-
MITDPF						-
Totals	85,366,744	84,370,192	50,753,623	42,870,049	42,871,049	306,231,657

Insurance Administration: Enterprise Complaint Tracking System (ECTS) (#1200)

Project Description: The Maryland Insurance Administration (MIA) identified the need to replace the current Enterprise Complaint Tracking System (ECTS) with a browser based document management technology that automates workflow by routing electronic documents and notifications across the organization, and enables on-line data entry, form creation, standard reports, ad-hoc queries and data exchange with internal and external systems.
Project Status: The new ECTS application is installed on the MIA's Integration Test environment and User Acceptance Testing (UAT) is currently in process. 322 Bugs were reported as of June 30, 2017 of which 233 have been resolved and closed. Server hardening and security testing has begun on the production environment in preparation for system implementation scheduled for late Q1 of FY18.
Known / Anticipated Schedule Changes: Due to the number of open Bugs found during UAT, the implementation date may be delayed.
Known / Anticipated Cost Changes: A Change Order is anticipated to cover application enhancements that have been identified by the MIA business teams during UAT. Enhancement cost estimates have not yet been defined.
Known / Anticipated Scope Changes: The application enhancements include modifications to the workflow components of the system, screen changes to improve usability and improvements on form letter editing capabilities.
Risk Assessment: As MIA began testing the new system, bugs were identified and functional enhancements were requested to improve the workflow and usability of the system. Bug fixes are being delivered in weekly versions of ECTS code updates and an enhancement release will be planned for late Q1 of FY18.

Portfolio Review / Health Assessment Held:	06/28/2017	IV&V Assessments Initiated:	None

Insurance Administration: Enterprise Complaint Tracking System (ECTS) (#1200)

Financial Summary

Project Costs				
Funding Type	**Cost to Date through FY 2017**	**Out Year Costs**	**Estimate at Completion**	**% of EAC Spent through FY 2017**
GF				
SF	819,059	2,440,441	3,259,500	25.13%
FF				
RF				
MITDPF				
Totals	819,059	2,440,441	3,259,500	25.13%

Project Funding				
Funding Type	**Funding through FY 2016**	**Funding FY 2017**	**Funding FY 2018**	**Total Funding to Date**
GF				-
SF	2,549,500	355,000	355,000	3,259,500
FF				-
RF				-
MITDPF				-
Totals	2,549,500	355,000	355,000	3,259,500

Out Year Cost Detail						
Funding Type	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**Total Out Year Costs**
GF						-
SF	2,085,441	355,000				2,440,441
FF						-
RF						-
MITDPF						-
Totals	2,085,441	355,000	-	-	-	2,440,441

Labor, Licensing and Regulation: Unemployment Insurance Modernization (UIM) (#HB10)

Project Description: The Department of Labor, Licensing and Regulation (DLLR) Division of Unemployment (UI) Insurance is modernizing the technology associated with its three (3) primary functions: Benefits (paying unemployment insurance claimants), Contributions (taxes collected from employers that replenish the Trust Fund) and Appeals (the function that arbitrates disputes between claimants and employers on the validity of a claim). Upon successful implementation, the System will be cloud based and serve the states of Maryland and West Virginia. Additionally, the System will be made available for implementation by other states looking to modernize their legacy UI applications.
Project Status: UIM is currently in the execution phase of Milestone 3 of the contract. This Milestone encompasses Design Development and Implementation (DDI) where validated requirements undergo Fit-gap analysis, a comparison of the requirement to the base functionality prior to configuration and customization. Iteration User Acceptance Testing has been conducted for B01 through B05 (with B07 undergoing testing at the end of August) and T01 through T04 and T06 translating to 10 of the 20 iterations. Quality concerns have forced the UIM project to suspend development activity as testing of the system is underway. This puts the planned go-live deployment for West Virginia in February 2018 and Maryland in May 2018 in jeopardy.
Known / Anticipated Schedule Changes: As an outcome of the Quality Assurance Initiative hiatus, the Integrated Master Schedule will be significantly impacted. The analysis is currently underway and is anticipated to be completed in September. Preliminary indications are the implementation dates may move by as many as 10-12 months.
Known / Anticipated Cost Changes: The Consortium initiated and approved an additional cost change request totaling $2.9M for Testing Support. These resources will assist Consortium resources in test planning and execution. These activities are comprised of: Use Case Analysis, Test Script Development, Test Execution, and Documentation of Test Results in NeoTrack. These funds were available within the Project Contingency budget.
Known / Anticipated Scope Changes: Potential Changes have been documented and are managed via the documented Change Control Process subject to approval by the Project Steering Committee (PSC).
Risk Assessment: 41 Risks have been identified for the project thus far with 12 in "Open" status being actively managed. There are six risks that carry an Overall Risk Rating of "Very High": B08 Collections and Program Integrity, IUAT / Conversion Testing Schedule, B05 Adjudication IUAT Testing, Preparation for UAT, Potential Resource Conflict for Training Activities, SSA SDP. The IV&V has conducted bi-monthly assessments and four periodic assessments through FY17. There have been a total of 86 Findings, of which 20 remain open.

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** 07/17/2017 Cycle 6

Labor, Licensing and Regulation: Unemployment Insurance Modernization (UIM) (#HB10)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF				
SF	500,000	1,000,000	1,500,000	33.33%
FF	18,134,585	79,384,111	97,518,696	18.60%
RF				
MITDPF				
Totals	**18,634,585**	**80,384,111**	**99,018,696**	**18.82%**

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF				-
SF		500,000	750,000	1,250,000
FF	22,705,460	22,547,651	20,826,659	66,079,770
RF				-
MITDPF				-
Totals	**22,705,460**	**23,047,651**	**21,576,659**	**67,329,770**

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	750,000	250,000				1,000,000
FF	47,945,185	21,310,271	10,128,655			79,384,111
RF						-
MITDPF						-
Totals	**48,695,185**	**21,560,271**	**10,128,655**	**-**	**-**	**80,384,111**

Lottery: Lottery Central Monitoring and Control System (LCMCS) (#8991)

Project Description: The Maryland State Lottery and Gaming Control Agency (MLGCA) issued a solicitation to obtain a Lottery Central Monitoring and Control System (LCMCS) and additional Lottery services on December 10, 2015. Services include but are not limited to system implementation, operation and maintenance of the LCMCS and related systems, sales, marketing, instant ticket inventory and distribution, accounting, terminals, software, and telecommunications network that shall connect the Retailers to the Primary and Back-up Data Centers and all other locations required for the operation of the LCMCS.
Project Status: The contract was awarded for implementation in May, 2017. An expected Project Implementation Request (PIR) approval is planned for Q1 of FY18. Project planning and requirements gathering are on schedule with system conversion planned in early Q4 of FY18.
Known / Anticipated Schedule Changes: Due to the protest and appeal process the project schedule was re-baselined to begin on day one of the implementation award.
Known / Anticipated Cost Changes: There are no known or anticipated cost changes.
Known / Anticipated Scope Changes: There are no known or anticipated scope changes.
Risk Assessment: This is a major conversion replacing all transaction processing equipment and systems as well as much of the lottery back-office. To mitigate this risk the vendor is providing multiple project managers, as well as SME's for all aspects of the system design and development.

Portfolio Review / Health Assessment Held: 06/28/2017	IV&V Assessments Initiated: None

Lottery: Lottery Central Monitoring and Control System (LCMCS) (#8991)

Financial Summary

Project Costs				
Funding Type	**Cost to Date through FY 2017**	**Out Year Costs**	**Estimate at Completion**	**% of EAC Spent through FY 2017**
GF				
SF	35,789	49,237,211	49,273,000	0.07%
FF				
RF				
MITDPF				
Totals	35,789	49,237,211	49,273,000	0.07%

Project Funding				
Funding Type	**Funding through FY 2016**	**Funding FY 2017**	**Funding FY 2018**	**Total Funding to Date**
GF				-
SF		75,000	18,205,000	18,280,000
FF				-
RF				-
MITDPF				-
Totals	-	75,000	18,205,000	18,280,000

Out Year Cost Detail					
Funding Type	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**Total Out Year Costs**
GF						-
SF	18,094,211	31,143,000				49,237,211
FF						-
RF						-
MITDPF						-
Totals	18,094,211	31,143,000	-	-	-	49,237,211

Public Safety and Correctional Services: Computerized Criminal History (CCH) (#1190)

Project Description: The Department of Public Safety and Correctional Services, Information Technology and Communications Division (DPSCS/ITCD) is currently looking to replace the obsolete Computerized Criminal History (CCH) mainframe system to include the Ident/Index and Arrest Disposition Reporting (ADR) mainframe systems to state-of-the-art client/server technology. The new system will allow for the provision of timely, updated offender information to Local Law Enforcement, Community Supervision Programs, and other DPSCS constituents, for the purposes of effective monitoring, rehabilitation, and Case Management of those offenders. It will also serve as a time-saving process by eliminating the need for paper searches, and by consolidating information in a single location for retrieval.
Project Status: The CCH project is still in the planning phase. CCH has contracted a Sr. Business Analyst in May, 2017 to support the initiative and is providing support in the drafting of the RFP, which is expected to release in Q2, FY18. CCH plans to procure dedicated project management related resources for the implementation efforts through a DPSCS staffing contract. Resource planning is in progress with an expected start date to align with the vendor award date, expected for Q1, FY19.
Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.
Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: None

Portfolio Review /Health Assessment Held:	06/28/2017	IV&V Assessments Initiated:	None

Public Safety and Correctional Services: Computerized Criminal History (CCH)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF	17,173	1,638,827	1,656,000	1.04%
SF				
FF	-	5,576,000	5,576,000	0.00%
RF				
MITDPF				
Totals	17,173	7,214,827	7,232,000	0%

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF		56,000	1,600,000	1,656,000
SF				-
FF		2,300,000		2,300,000
RF				-
MITDPF				-
Totals	-	2,356,000	1,600,000	3,956,000

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	1,638,827					1,638,827
SF						-
FF	2,300,000	1,638,000	1,638,000			5,576,000
RF						-
MITDPF						-
Totals	3,938,827	1,638,000	1,638,000	-	-	7,214,827

Public Safety and Correctional Services: Enterprise Resource Program (MCE-ERPIP) (#1190)

Project Description: This initiative will provide the ability for Maryland Correctional Enterprises (MCE) to revise and update its backend processes and aging financial and manufacturing IT infrastructure to better meet the needs of Maryland's correctional industries program. This project will allow more efficient management of the agency's program which currently generates over $60 million per year in sales and service and employs over 2,000 inmates in Maryland's correctional facilities. The current paper driven process and computing platform is not efficient and has become less effective as MCE grows its business.
Project Status: The RFP to procure Correctional Services was released in Q1, FY17. One bid was provided and was deemed non-responsive due to not meeting the MBE requirements. Since then, MCE has been analyzing products in the market that may meet their needs and re-evaluating RFR efforts for a new Project Manager (PM). The option year for the previous PM was not exercised. The new PM will be tasked with rewriting the RFP.
Known / Anticipated Schedule Changes: Changes to the project schedule are expected and will be re-baselined upon implementation award.
Known / Anticipated Cost Changes: Project costs will increase as a new PM will be brought on in FY18.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: Due to the departure of critical resources, MCE must work to fill this gap as quickly as possible to reduce any further project risks.

Portfolio Review / Health Assessment Held:　　06/28/2017	**IV&V Assessments Initiated:**　　　None

Public Safety and Correctional Services: Enterprise Resource Program (MCE-ERPIP) (#1190)

Financial Summary

Project Costs						Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017		Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF						GF				-
SF	725,762	3,514,622	4,240,384	17.12%		SF	1,740,384	1,500,000	1,000,000	4,240,384
FF						FF				-
RF						RF				-
MITDPF						MITDPF				-
Totals	**725,762**	**3,514,622**	**4,240,384**	**17.12%**		**Totals**	**1,740,384**	**1,500,000**	**1,000,000**	**4,240,384**

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	2,014,622	1,000,000	500,000			3,514,622
FF						-
RF						-
MITDPF						-
Totals	**2,014,622**	**1,000,000**	**500,000**	**-**	**-**	**3,514,622**

State Police: Automated Licensing and Registration Tracking System (ALRTS) (#1133)

Project Description: The Maryland State Police (MSP) have been tasked with automating and streamlining regulated firearms processes. This included automating the 77R (Application for Purchase of a Regulated Firearm) by replacing the multiple-page carbon form paper application with a web accessible smart form submitted electronically to MSP Licensing Division; automating the process by which a retailer becomes a Maryland licensed firearms Dealer; automating, to the extent possible, the process of running a background check on applicants; replacing the current Lotus Domino-based system; and replacing the current Handgun Permit application process as part of a fully integrated licensing system. The online MSP Licensing Portal will greatly reduce the time it takes for an applicant to submit an application, provide efficiencies to Maryland firearm Dealers and handgun instructors, and significantly streamline and improve processes within the Division.

Project Status: On January 1, 2017, phase one of the project – the automation of the 77R and the introduction of the Licensing Portal to Maryland firearm Dealers and applicants – went live with great success.   Maryland firearm Dealers were involved early in the development process, with a Dealer Focus Group meeting regularly to review progress and provide feedback. As of June 30, 2017, the Portal has successfully facilitated over 27,000 applications, which includes electronic: applicant form completion, access to applications by Maryland firearm Dealers, fee submission, processing at MSP, status notifications, firearm transfer, and Dealer audit. The introduction of the Licensing Portal has completely eliminated paper from the 77R process. In Q4 of FY17, development of the automated form and process began and is scheduled to complete in Q4 of FY18. Phase 3, which includes an electronic form/process for Security Guards, Security Companies, Special Police, Railroad Police, Machine Gun registration, and Maryland firearm dealer registration, will then begin. The forms and processing of the application types included in Phase 3 are similar enough to the Handgun Permit process that MSP expects to complete all of them by the end of FY19.

Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.

Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.

Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.

Risk Assessment: Availability of Division resources is the most significant risk to the project. To mitigate this, the project team continues to adhere to project management best practices for overall management of the project, including regular communication with stakeholders regarding scope, schedule, cost, and risk management strategies.

Portfolio Review / Health Assessment Held:	06/28/2017	**IV&V Assessments Initiated:**	None

State Police: Automated Licensing and Registration Tracking System (ALRTS) (#1133)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF	1,520,600	5,704,400	7,225,000	21.05%
SF				
FF	584,400		584,400	100.00%
RF				
MITDPF				
Totals	2,105,000	5,704,400	7,809,400	26.95%

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF	3,650,000	2,035,000	1,040,000	6,725,000
SF				-
FF	584,400			584,400
RF				-
MITDPF				-
Totals	4,234,400	2,035,000	1,040,000	7,309,400

Out Year Cost Detail					
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	5,204,400	500,000				5,704,400
SF						-
FF						-
RF						-
MITDPF						-
Totals	5,204,400	500,000	-	-	-	5,704,400

State Police: Statewide Public Safety Communications System (700MHz) (#PSC1)

Project Description: The700MHz Statewide Interoperable Radio System Project (Maryland FiRST) will replace several outdated State agency radio systems with a new state-of-the-art communications system for first responders and public safety agencies. The project will allow emergency communications interoperability across the State and surrounding states. The system will allow multiple jurisdictions and disciplines to communicate during large multi-jurisdictional events or incidents. This project will also correct existing emergency communications system deficiencies by constructing new infrastructure specificallydesignedtomeetcurrentandfuturerequirementsoftheStateandparticipatinglocalagencies. The infrastructure includes: radio towers, shelters, microwave radio links, and fiber optic communications systems.

Project Status: The design for Phase 4 (Western Maryland) is complete and site implementations, including tower remediation, are in process. Coverage testing for Washington County was completed in May, 2017, and expected to be live and operational in September, 2017. Phase 5 (Southern Maryland/National Capital Area) design is underway. The system currently supports over 13,000 State agency users and an additional 23,141 interoperability users.

Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.

Known/Anticipated Cost Changes: The EAC for this project reflects only subscriber equipment. Infrastructure costs previously included under this project are reported elsewhere by the Department of IT, and are considered separate to the budget for this project.

Known/Anticipated Scope Changes: No known or anticipated scope changes at this time.

Risk Assessment: Within all phases of the project, there is a risk that some sites will require extensive upgrades to the towers, shelters, power supply, generators, because the radio system is being deployed on existing towers.

Portfolio Review / Health Assessment Held: 06/28/17	**IV&V Assessments Initiated:** None

State Police: Statewide Public Safety Communications System (700MHZ) (#PSC1)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF	29,820,835	9,738,345	39,559,180	75.38%
SF	5,371,586	-	5,371,586	100.00%
FF		-		
RF				
MITDPF	23,125,358	-	23,125,358	100.00%
Totals	58,317,779	9,738,345	68,056,124	85.69%

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF	33,979,641	7,026,349	1,015,055	42,021,045
SF	5,371,586	-		5,371,586
FF				-
RF				-
MITDPF	20,645,316	2,480,042	-	23,125,358
Totals	59,996,543	9,506,391	1,015,055	70,517,989

Out Year Cost Detail					
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF	8,250,756	1,487,589				9,738,345
SF	-					-
FF						-
RF						-
MITDPF						-
Totals	8,250,756	1,487,589	-	-	-	9,738,345

Transportation - Consolidated Transportation Program: Capital Program Management System (CPMS) (#0103)

Project Description: MDOT and its modular administrations/authorities – Maryland Aviation Administration, Maryland Port Administration, Maryland Vehicle Administration, Maryland Transit Administration, State Highway Administration and the Maryland Transportation Authority currently utilize the MDOT CPMS to manage, budget, forecast and report on the capital program. This project will replace the existing CPMS to manage, budget, forecast, and report on the capital program for all of MDOT. The current system has reached the end of its useful life and is difficult to maintain. This project will develop a new system to manage capital projects and develop the annual MDOT Consolidated Transportation Program (CTP) Budget.
Project Status: The CPMS Project RFP was released in FY17. One vendor was notified of Intent to Award and contract negotiations are expected to be completed by early FY18. In parallel of procurement activities, the CPMS project is preparing for the start of design / implementation phase by identifying all discrete data needs, users / roles, and detailed workflow approval rules and is planning to move to PIR in early FY18. Change Management activities with all MDOT TBUs is continuing to bring awareness to this project and subsequent change of business processes to additional stakeholders.
Known / Anticipated Schedule Changes: It was initially projected that the new CPMS system would be implemented within FY18. However, the CPMS Project Team was asked to review the EBS Project Vendor to see if synergies existed between the two systems. During this exercise, it was noted that the EBS solution would not meet the needs of MDOT in terms of Capital Programming. Due to a synergies review of the EBS project/system, the projects new implementation target is Q2 of FY19. A more detailed schedule will be developed as the project enters the Implementation Phase of the SDLC.
Known / Anticipated Cost Changes: The Total Project Cost (TPC) will be estimated upon implementation award and will be included in the PIR ITPR.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: None

Portfolio Review / Health Assessment Held:	06/ 28/2017	IV&V Assessments Initiated:	None

Transportation - Consolidated Transportation Program: Capital Program Management System (CPMS) (#0103)

Financial Summary

Project Costs						Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017		Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF						GF				
SF	307,000	8,014,000	8,321,000	3.69%		SF	291,000	1,700,000	6,173,000	8,164,000
FF						FF				
RF						RF				
MITDPF						MITDPF				
Totals	307,000	8,014,000	8,321,000	3.69%		Totals	291,000	1,700,000	6,173,000	8,164,000

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	7,173,000	241,000	300,000	300,000		8,014,000
FF						-
RF						-
MITDPF						-
Totals	7,173,000	241,000	300,000	300,000		8,014,000

Transportation - Authority: Automatic Fare Collection System (AFCS) (#0105)

Project Description: MTA Fare Collections will upgrade and refresh the MTA Automatic Fare Collection Systems (AFCS) to a stand-alone, self-sustaining system with a cloud hosted back end that provides better expandability and supportability extending both the lifecycle and functionality of the existing infrastructure. The project includes upgrading the AFCS software from NextFare 4.1 (NF4) to NextFare (NF7), provision of an integrated Customer Web Portal, and separation from the Washington Metropolitan Area Transit Authority (WMATA) regional fare collection system.
Project Status: Design of the upgrade to the AFCS continues. The Customer Web Portal developer is fully engaged and web portal development is underway with expected completion Q2 FY18. AGY 15-030-IT; Task No. 7 Contract Milestone Payment #5 is completed as of Cubic's submittal of MTA Staging environment credentials. Card Procurement contract request to resupply current charm card is underway in the MDOT-MTA Procurement process, with expected award and NTP in Q2 FY18. Device Software Acceptance Testing (DSAT) procedures are under-review with expected completion of document reviews by September 2017. Task No.7 contract schedule, scope, and deliverables being monitored bi-weekly. Project rollout is on schedule for completion Q4 of FY18.
Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.
Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: None

Portfolio Review / Health Assessment Held:	06/28/2017	IV&V Assessments Initiated:	None

Transportation - Authority: Automatic Fare Collection System (AFCS) (#0105)

Financial Summary

Project Costs						Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017		Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF						GF				-
SF	1,952,498	2,936,502	4,889,000	39.94%		SF	-	2,497,500	2,491,500	4,989,000
FF						FF				-
RF						RF				-
MITDPF			-			MITDPF				-
Totals	1,952,498	2,936,502	4,889,000	39.94%		Totals	-	2,497,500	2,491,500	4,989,000

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	2,936,502	-	-			2,936,502
FF						-
RF						-
MITDPF						-
Totals	2,936,502	-	-	-	-	2,936,502

Transportation - Authority: Electronic Toll System 3rd Generation (ETC3G) (#2147)

Project Description: The ETC3G program consists of two new advertised contracts (projects). First is CSC Systems and Services which will provide for a new set of Systems and services to manage EZ-Pass accounts. The project includes the software, host computers, a call center, IVR, Web site and web services. The project includes a 2 year build phase, a 90 day performance evaluation phase, and up to 10 years of operations services and maintenance, and up to 1 year of transition support at the end of the contract. The call center includes building a call center within Maryland and populating it with the necessary equipment, and operating the call center for the duration of the contract. It includes receiving transactions from the toll system, conducting DMV look ups for images, Account management, payment processing, reciprocity processing, collections management, and citation management. The second project is the Toll Systems and Services contract. This contract will replace all of the toll lane equipment with new toll collection systems. It includes new toll host computers, a central toll host, cash collection reporting and systems that support cash reconciliation and accounting. It has the same 2 year build, 90 day performance, and up to 10 years of operations services and maintenance as the CSC project. It includes image review and interfaces with the CSC system to pass electronic toll collection transactions to the CSC system for further processing. Both projects also have a phase out period of up to 1 year at the end of the contract.

Project Status: Both RFPs remain in the procurement evaluation process for implementation vendor awards expected in Q3 of FY18. Toll System Orals were performed by the Offerors in March, 2017 and an amendment and technical BAFO was requested. CSC Systems and Services Orals were performed in May, 2017 and prepared financial proposals request.

Known / Anticipated Schedule Changes: Schedule slippage continues due to the complexity of the project and two procurements in review at the same time. Delays in the schedule push the NTP from June, 2017 to March, 2018.

Known / Anticipated Cost Changes: Overall project costs have not changed since the last year report. However the cash flows have been modified (actual and expected spending and funding) as the schedule has changed.

Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.

Risk Assessment: None

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Transportation - Authority: Electronic Toll System 3rd Generation (ETC3G) (#2147)

Financial Summary

Project Costs						Project Funding				
Funding Type	**Cost to Date through FY 2017**	**Out Year Costs**	**Estimate at Completion**	**% of EAC Spent through FY 2017**		**Funding Type**	**Funding through FY 2016**	**Funding FY 2017**	**Funding FY 2018**	**Total Funding to Date**
GF						GF				
SF	1,399,000	77,101,000	78,500,000	1.78%		SF	1,663,000	1,574,000	3,000,000	6,237,000
FF						FF				
RF						RF				
MITDPF						MITDPF				
Totals	1,399,000	77,101,000	78,500,000	1.78%		**Totals**	1,663,000	1,574,000	3,000,000	6,237,000

Out Year Cost Detail						
Funding Type	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**Total Out Year Costs**
GF						-
SF	15,752,798	27,717,000	29,427,392	4,203,810		77,101,000
FF						-
RF						-
MITDPF						-
Totals	15,752,798	27,717,000	29,427,392	4,203,810		77,101,000

Transportation - Aviation: Noise Operations Monitoring System (NOMS) (#7405)

Project Description: The Maryland Aviation Administration (MAA) is required by the Maryland Environmental Noise Act and the Annotated Code of Maryland, to assess the noise environment created by current and projected aircraft operations at Baltimore/Washington International Thurgood Marshall Airport (BWI Marshall). In 2007, the MAA completed an update to the BWI Part 150 Noise Compatibility Program (NCP) pursuant to Title 14 of the Code of Federal Regulations (14 CFR). One NCP element, which the FAA approved on February 26, 2008, recommended replacement of the current Noise Operations Monitoring System. The MAA received FAA approval of funding support for the design and implementation of this delegated procurement for an aeronautical related service.
Project Status: RFPs have been in evaluation since early Q3 FY17. One bidder was rejected due to not meeting the minimum qualifications. Technical and financial evaluation has been completed with Notice of Recommended Award granted as of June 21, 2017. BPW approval is expected in Q1 FY18.
Known / Anticipated Schedule Changes: A three month delay occurred due to the evaluation process. The schedule will be re-baselined once the vendor is on board.
Known / Anticipated Cost Changes: The winning contractor bid came in under the original estimate. Costs will be adjusted in the FY18 and FY19 funding requests.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: Due to bid coming in under estimate close monitoring of the contractor will need to be conducted to ensure the work is being completed on time, on budget and with good quality.

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Transportation - Aviation: Noise Operations Monitoring System (NOMS) (#7405)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF				
SF	18,000	966,800	984,800	1.83%
FF				
RF				
MITDPF				
Totals	**18,000**	**966,800**	**984,800**	**1.83%**

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF				-
SF	23,000	1,149,000	1,334,000	**2,506,000**
FF				-
RF				-
MITDPF				-
Totals	**23,000**	**1,149,000**	**1,334,000**	**2,506,000**

Out Year Cost Detail					
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	966,800					**966,800**
FF						-
RF						-
MITDPF						-
Totals	**966,800**	**-**	**-**	**-**	**-**	**966,800**

Transportation - Motor Vehicle: Document Information and Workflow System 2 (DIWS2) (#0684)

Project Description: The Document Imaging Workflow System 2 (DIWS2) project is an enterprise solution collaboration between MDOT and DoIT for all State agencies to utilize. DIWS2 replaced more than 300 million paper documents with electronic storage and retrieval, and has become an integral MVA operating system. DIWS2 is improving workflows with standardization of information, improved reporting, and auditing capabilities. The purpose of this project is to transition the current client-server portion of the DIWS application to a new web based Electronic Document Management System (EDMS) web-based application. The proposed project would extend benefits by substituting a modern web-based Electronic Document Management System (EDMS) for the client-server system that will provide the input and workflow capabilities in DIWS. Currently the main process in which documents enter DIWS is through scanning. Future development will allow documents to enter DIWS through scanning, electronic transfer, e-mail and other applications and workflow capabilities in DIWS.
Project Status: The DIWS2Implementation RFP was released in July of 2016 and multiple bids were received in November, 2017. The evaluation process expects to conclude with a NTP expected in Q2 of FY18 as more than expected bids were received.
Known / Anticipated Schedule Changes: A more detailed schedule will be available upon award. Still anticipating NTP in Q2 of FY2018
Known / Anticipated Cost Changes: No known or anticipated costs changes at this time.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: The DIWS2 task order has the risk of utilizing the same resources as Project Core during implementation, which may strain resources. Management will monitor resource commitments and capacity closely.

Portfolio Review / Health Assessment Held: 06/28/2017	IV&V Assessments Initiated: None

Transportation - Motor Vehicle: Document Information and Workflow System 2 (DIWS2) (#0684)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF				
SF	1,617,121	21,450,000	23,067,121	**7.01%**
FF				
RF				
MITDPF				
Totals	**1,617,121**	**21,450,000**	**23,067,121**	**7.01%**

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF				-
SF	1,256,539	409,050	1,350,000	**3,015,589**
FF				-
RF				-
MITDPF				-
Totals	**1,256,539**	**409,050**	**1,350,000**	**3,015,589**

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	1,350,000	4,800,000	5,350,000	6,600,000	3,350,000	**21,450,000**
FF						-
RF						-
MITDPF						-
Totals	**1,350,000**	**4,800,000**	**5,350,000**	**6,600,000**	**3,350,000**	**21,450,000**

Transportation - Motor Vehicle: Enterprise Management System (Project Core) (#0688)

Project Description: Project Core, formerly known as "The Enterprise Management System (EMS)," is an enterprise-wide project with an emphasis on modernizing the Motor Vehicle Administration's (the Administration) IT infrastructure, replacing legacy systems and enhancing the Administration's ability to provide customers and the agency with a 360-degree view of their services and needs. Project Core will address and serve as the base architecture for replacing the existing Titling and Registration System (TARIS) and other Administration legacy systems. Project Core will also provide a platform for development of new applications. The project includes five tracks: document imaging; vehicle, drivers, and business licensing; insurance; external interfaces; and data quality.
Project Status: Delays in the negotiations with potential vendors during the RFP procurement process has pushed out the Best and Final Offer (BAFO) submissions for technical and financial proposals till Q1 of FY18 and expected award Q2 of FY18.
Known / Anticipated Schedule Changes: The schedule remains behind due to RFP delays. The project will be re-baselined once the procurement is awarded.
Known / Anticipated Cost Changes: No known or anticipated cost changes at this time.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: Possible vendor protests could jeopardize award date.

Portfolio Review / Health Assessment Held:	06/28/2017	IV&V Assessments Initiated:	None

Transportation - Motor Vehicle: Enterprise Management System (Project Core) (#0688)

Financial Summary

Project Costs					Project Funding				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017	Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF					GF				
SF	8,974,332	59,728,950	68,703,282	13.06%	SF	8,412,115	2,203,935	3,274,650	13,890,700
FF					FF				
RF					RF				
MITDPF		2,027,500	2,027,500	0.00%	MITDPF	249,076	178,950	172,350	600,376
Totals	8,974,332	61,756,450	70,730,782	12.69%	Totals	8,661,191	2,382,885	3,447,000	14,491,076

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	4,625,950	8,550,000	11,450,000	20,103,000	15,000,000	59,728,950
FF						-
RF						-
MITDPF	100,000	427,500	500,000	500,000	500,000	2,027,500
Totals	4,725,950	8,977,500	11,950,000	20,603,000	15,500,000	61,756,450

Transportation – State Highway: Consumable Inventory System (CIS) (#2039)

Project Description: The purpose of the CIS project is to analyze existing material and supplies inventory processes at the State Highway Administration supported by the Office of Finance in order to develop a consolidated consumable inventory application.
Project Status: All Planning project deliverables have been completed and the Project Implementation Phase (PIR) approval request is on track for late Q1 FY18. The Draft Implementation TORFP is scheduled to release in Q2 of FY18
Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.
Known / Anticipated Cost Changes: In the next planning budget window (Q2 of FY18), MDOT-SHA intends to increase the project budget for the solution based upon implementation award
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: None

Portfolio Review / Health Assessment Held: 06/28/2017	IV&V Assessments Initiated: None

Transportation - State Highway: Consumable Inventory System (CIS) (#2039)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF				
SF	942,433	1,787,747	2,730,180	**34.52%**
FF				
RF				
MITDPF				
Totals	**942,433**	**1,787,747**	**2,730,180**	**34.52%**

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF				-
SF	295,731	833,000	769,004	**1,897,735**
FF				-
RF				-
MITDPF				-
Totals	**295,731**	**833,000**	**769,004**	**1,897,735**

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	982,747	730,000	75,000			**1,787,747**
FF						-
RF						-
MITDPF						-
Totals	**982,747**	**730,000**	**75,000**	**-**	**-**	**1,787,747**

Transportation - Transit: Bus-Unified System Architecture (USA) (#1333)

Project Description: Project Description: The project provides for a state-of-the-art suite upgrade and unification of on-board bus equipment and the fixed-end control and monitoring system under one contractor. The unified components will be provided on 690 buses encompassing all models from 2005-2017. The unification of the transit architecture will help to streamline MTA's Operations and Maintenance, and standardize methods, architecture, and operations.
Project Status: Contract was awarded with a NTP on 5/11/17; Kick-Off Meeting held on 5/23/17. Site Surveys for the vehicles (bus, supervisor vehicle and maintenance vehicles), network (wireless LAN in each of the 4 bus depots and at the Glen Burnie data center) and yard management (for each of the 4 bus yards) were completed on June 30th. Contractor has submitted List of Test Equipment, CQC Plan, Safety Plan, PMP Plan, Migration Plan, and Baseline Schedule. Both the Migration Plan and Baseline Schedule are under review. A Governance meeting with Executive team from both MTA and the vendor is scheduled for 8/3/17. Contractor is preparing to submit their Preliminary Design in September.
Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.
Known / Anticipated Cost Changes: Cost changes are expected due to end of life notice for the oMG router used on the 2011-2016 bus series and APX voice radio upgrades. Estimated cost difference is expected at $1,385,000.
Known / Anticipated Scope Changes: Reduction in bus installs (708 to 690) due to the upcoming Bus Buys which will retire the 2004 bus series.
Risk Assessment: None

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Transportation - Transit: Bus-Unified System Architecture (USA) (#1333)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF				
SF	7,261,000	37,822,000	45,083,000	16.11%
FF				
RF				
MITDPF				
Totals	7,261,000	37,822,000	45,083,000	16.11%

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF				-
SF	3,261,000	4,000,000	11,420,000	18,681,000
FF				-
RF				-
MITDPF				-
Totals	3,261,000	4,000,000	11,420,000	18,681,000

Out Year Cost Detail					
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	11,273,000	18,795,000	7,754,000			37,822,000
FF						-
RF						-
MITDPF						-
Totals	11,273,000	18,795,000	7,754,000	-	-	37,822,000

Worker's Compensation Commission: Worker's Compensation Commission Enterprise Modernization (#2002)

Project Description: The Workers' Compensation Commission Enterprise Modernization (WCC-EM) Project is a modernization of an aging and complex system. It is coupled with an enterprise modernization of business practices to achieve a paperless administration of the provisions of the Maryland Workers' Compensation Law. WCC seeks to improve the effectiveness and timely delivery of services provided to its customers by the following: (1) maintaining setting 90 % or more of all non-permanency hearings within 60 days of the date when issues are filed; (2) maintaining a conformance rate of at least 95 % for the issuance of Commission Orders within 30 days after the conclusion of a hearing; and (3) maintaining an average of no more than 10 days between the hearing date and the first award issued by the Commission.
Project Status: WCC has completed the planning phases under the waterfall SDLC and is migrating to an Agile/waterfall hybrid model based on the new Agile SDLC. A TORFP was released in Q4 FY17. Proposal evaluations are in progress, with a recommendation for vendor award under the CATS+ master contract expected in Q1 FY18.
Known / Anticipated Schedule Changes: No known or anticipated schedule changes at this time.
Known / Anticipated Cost Changes: WCC anticipates an increase in costs for FY19 through FY22 based on the bids presented in response to the TORFP. A supplemental request for FY18 may be required, depending on the starting date of the TO Contractor.
Known / Anticipated Scope Changes: No known or anticipated scope changes at this time.
Risk Assessment: WCC is adopting a low-code/no-code solution which uses detailed business process models as the starting point for developing the no-code application solution. This is the first use of this in a Maryland state government project, therefore the TO Contractor selected is expected to bring the experience in the toolset to work with our subject matter experts within WCC to ensure success.

Portfolio Review / Health Assessment Held: 06/28/2017	**IV&V Assessments Initiated:** None

Worker's Compensation Commission: Worker's Compensation Commission Enterprise Modernization (#2002)

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2017	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2017
GF			-	-
SF	499,075	8,266,627	8,765,702	5.69%
FF				
RF				
MITDPF	-	-	-	
Totals	499,075	8,266,627	8,765,702	5.69%

Project Funding				
Funding Type	Funding through FY 2016	Funding FY 2017	Funding FY 2018	Total Funding to Date
GF				-
SF	76,972	550,000	1,575,000	2,201,972
FF				-
RF				-
MITDPF			-	-
Totals	76,972	550,000	1,575,000	2,201,972

Out Year Cost Detail						
Funding Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Out Year Costs
GF						-
SF	1,966,627	1,575,000	1,575,000	1,575,000	1,575,000	8,266,627
FF						-
RF						-
MITDPF						-
Totals	1,966,627	1,575,000	1,575,000	1,575,000	1,575,000	8,266,627