

November 1, 2020

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 Guy Guzzone  
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 Guzzone, 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 (M)(1) of State Finance and Procurement Article that requires the Secretary of the Department to submit a summary report by November 1st of each year. This report describes Fiscal Year (FY) 2020 projects and the status of those projects as of June 30, 2020. The report also identifies known or anticipated cost, scope or schedule changes and risks identified since the FY20 Mid-Year Report, submitted in January of 2020.

If you have any questions or comments, please contact me at [michael.leahy@maryland.gov](mailto:michael.leahy@maryland.gov).

Sincerely,

*Michael G. Leahy*

Michael G. Leahy (Nov 13, 2020 10:55 EST)

Michael G. Leahy  
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 # 10116**

## TABLE OF CONTENTS

State Agency Abbreviations .....	5
Executive Summary .....	6
FY20 MITDP Planning/Implementation Status (PPR/PIR) .....	8
FY20 MITDPF: SUMMARY OF OPERATIONS.....	10
FY20 MITDP AGENCY EXPENDITURES.....	11
Assessment and Taxation: Strategic Enterprise Application Network (SEAN) (#4100) .....	24
Baltimore City Community College: Enterprise Resource Planning System (ERP) (#6618) .....	26
Budget and Management: Central Collections Unit Systems Modernization (CCU2) (#P008).....	28
Budget and Management: Enterprise Budgeting System (EBS) (#P010) .....	30
Comptroller of Maryland: Integrated Tax System (ITS) (#ITS09) .....	32
Education: Maryland Direct Certification System (MDCS) (#F6107).....	34
Elections: Agency Elections Management System (AEMS) (#0873).....	36
Board of Elections: Pollbooks 2022 (POLLB) (#0003).....	38
Emergency Medical Services: MIEMSS Emergency Medical Services (EMS) Communication System Upgrade (#23COM) .....	40
Environment: Environment Permit Tracking System Modernization (EPTSM) (#3205) .....	42
Environment: Lead Rental Certification and Accreditation (LRCA) (#3206).....	44
General Services: Statewide Enterprise Procure to Pay System (eMMA) (#13109).....	46
Health: Statewide Electronic Health Records (EHR) (#A806).....	48
Health: Long Term Support and Services Tracking System (LTSS) (#T807, T808, & T809) .....	50
Health: BON Enterprise Licensing and Regulatory Management Solution (ELMS) (#A805) .....	52
Health: Medicaid Management Information Systems II (MMISII) Enhancements (#T810-T812).....	54
Health: Integrated Electronic Vital Records Registration System (VRRS) (#A807) .....	56
Health: Migrate MDH HQ Data Center to the Cloud (CLOUD) (#A246) .....	58
Human Services: Automated Financial System (AFS) (#6B13).....	60
Human Services: Maryland Total Health Information Network (MDTHINK) (#F8310).....	62
Information Technology: Enterprise Solution Planning Initiative (ESPI) (#P013) .....	65
Information Technology: Voice and Datacom Modernization (VDM) (#41679) .....	68
Information Technology: networkMaryland 100GB Backbone Upgrade (100GB) (#41729).....	71
Information Technology: Maryland OneStop Portal (OneStop) (#41719) .....	73
Labor: Unemployment Insurance Modernization (UIM) (#HB10) .....	76

MD529: Account Holder Management System (AHMS) (#0829).....	78
Office of Attorney General: Case Matter Management System (OAG-CMMS) (#10021) .....	80
Office of the Public Defender: Case Matter Management System (OPD-CMMS) (#20001).....	82
Public Safety and Correctional Services: Drone Detection and Response System (Drones) (#P015).	84
Public Safety and Correctional Services: Computerized Criminal History (CCH) (#1190).....	86
Public Safety and Correctional Services: Electronic Patient Health Record (EHR) (#1740) .....	88
Public Safety and Correctional Services: Enterprise Resource Program (MCE-ERPIP) (#1190) .....	90
Public Safety and Correctional Services: Maryland Automated Fingerprinting Identification System (MAFIS) (#1790) .....	92
Public Safety and Correctional Services: Learning Management System Replacement (LMSR) (#1720).....	94
State Retirement and Pension Systems: Business Process Reengineering and Support Technology (MPAS-3) (#4001).....	96
State Police: Automated Licensing and Registration Tracking System (ALRTS) (#1133) .....	98
State Police: Statewide Public Safety Communications System (700MHz) (#PSC1) .....	100
State Treasurer Office: Financial Systems Modernization (FSM) (#1800) .....	102
Transportation: Authority: Automatic Fare Collection System Upgrade and Migration (AFCS) (#0105) .....	105
Transportation: Authority: Electronic Toll System 3rd Generation (ETC3G) (#0041).....	107
Transportation: Motor Vehicle: Customer Connect (#0688) .....	110
Transportation: State Highway: Consumable Inventory System (CIS) (#2039) .....	112
Transportation: Transit: Bus-Unified System Architecture (USA) (#1333).....	114
Transportation: Transit: Claims Management System (Claims) (#2050) .....	116
Transportation: TSO: Capital Management and Programming System (CMAPS) (#0103) .....	118
Transportation: TSO: Electronic Human Resources System (EHRS) (#J0041) .....	120
Transportation: Motor Vehicle: Customer Traffic Management (CTM) (#80721) .....	122
Workers Compensation Commission: Workers Compensation Commission Enterprise Modernization (WCCEM) (#2002) .....	124

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

**For  
Fiscal Year 2020  
As of June 30, 2020**

## State Agency Abbreviations

Baltimore City Community College	BCCC
Comptroller	COMP
Department of Budget and Management	DBM
Department of General Services	DGS
Department of Human Services	DHS
Department of Information Technology	DoIT
Maryland Department of Labor	MDL
Department of Public Safety and Correctional Services	DPSCS
Office of the Attorney General	OAG
Office of the Public Defender	OPD
Maryland 529	MD529
Maryland Department of Environment	MDE
Maryland Department of Health	MDH
Maryland Insurance Administration	MIA
Maryland Institute for Emergency Medical Services Systems	MIEMSS
Maryland State Department of Education	MSDE
Maryland State Police	MSP
Maryland State Retirement and Pension System	SRA
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
State Board of Elections	SBE
State of Maryland Assessment and Taxation	SDAT
State Treasurer Office	STO
Workers' Compensation Commission	WCC

## Executive Summary

The Maryland Department of Information Technology's (DoIT) Fiscal Year 2020 (FY20) portfolio of Major Information Technology Projects (MITDPs) consisted of forty-eight (48) projects across twenty-two (22) agencies, representing a decrease of three (3) MITDPs over FY19. The estimated value of the current MITDP project portfolio is \$1,476,304,888.

In FY20, the state appropriated \$338,414,938 in funds to support the MITDP portfolio. Of that amount, the MITDP fund received \$11,649,796 while \$326,765,043 was provided by other sources, including 21% general funds (\$68,926,158), 28% special funds (\$90,912,122), 50% federal funds (\$165,012,849), and less than 1% reimbursable funds (\$1,913,914).

There were seven (7) project closures in FY20, the DBM Enterprise Budgeting System (EBS) and Statewide Personnel System (SPS) projects, the DHS Automated Financial System (AFS), the MIA Electronic Complaint Tracking System (ECTS), the SBE New Voting System Replacement (NVS), and MDOT Enterprise Human Resource System (E.HRS) (*cancelled*), and MDOT-Aviation, Noise Operations Monitoring System (NOMS).

To highlight one project in particular, the DHS implemented the AFS Dynamics 365 for Finance and Operations (AFS D365) as its new, modernized and state-of-the-art Software-as-a-Service (SaaS) application. The AFS is a computerized financial system currently used statewide by DHS accounting operations in 25 offices allowing users to perform fiscal tasks such as setting up, printing, and tracking payments, including payments for foster care goods and services, and handling bank reconciliations all while maintaining financial transaction history. The new AFS Dynamic 365 (AFS D365) application provides a robust financial management solution that delivers all the functional capabilities as the legacy AFS while providing improved security, performance, and user experience. AFS D365 delivers a scalable solution that improves DHS business operations by eliminating inefficient business processes and workarounds.

FY20 experienced positive forward progress on a number of previously delayed activities and procurements for MITDPs including MCE ERPIP, BCCC ERP, and DPSCS EPHR, and implementations will actively begin in FY21. Additional FY20 project milestones to note included the MSRA who went live with their MySRPS portal in January of 2020. This is an online benefits estimator to view Agency records for each individual. SDAT also went live in February with their portal for the Homeowners and Renters Tax Credit Online Applications for 2019 and 2020.

In FY20, the EPMO also dedicated time to strengthen its MITDP processes and procedures as it relates to closeout of MITDPs, independent verification and validation, and MITDP (general) funds management. The EPMO improved oversight assessment practices by developing procedures for oversight observation reports (OOR) and re-developed templates for data collection for monthly health assessments, including spend plans by fiscal year and month, and monthly oversight assessment reporting by Oversight Project Managers (OPMs). The EPMO continues working each fiscal year to continue to provide improved governance for all Major IT Development Projects.

In Fiscal Year 2021, we look forward to:

- Additional PRISM enhancements to support agencies MITDPs which include oversight observations dashboards/reports, automation of the MITPD monthly health assessment data, and project data collection and document repository capabilities. PRISM is an application developed to allow agencies to submit both IT project requests (ITPR) and IT Master Plans (ITMP), along with housing future oversight reporting and data capture activities.
- Implementation of Oversight ITPR Evaluation Forms.
- Publishing a revised MITDP Policy and MITDP Standards Manual.
- Supporting additional MITDP milestones/accomplishments including a new 100G Backbone Network [funded by the MITDP Resource Sharing Agreement (RSA) revenues] in the State, and both Treasury's Financial System and Labor's Unemployment Insurance Modernization systems going live.
- Ensuring alignment of active and planned projects with the Statewide IT Master Plan.

## FY20 MITDP Planning/Implementation Status (PPR/PIR)

#	Agency Name	Project Name	PPR/PIR
1	Assessment and Taxation	Strategic Enterprise Application Network (SEAN)	PIR
2	Baltimore City Community College	Enterprise Resource Planning System (ERP)	PIR
3	Budget and Management	Central Collections Unit CUBS Replacement Project (CCU)	PIR
4	Budget and Management	Enterprise Budgeting System (EBS)	PIR
5	Comptroller	Integrated Tax System (ITS)	PIR
6	Education	MD Direct Certification System (MDCS)	PIR
7	Elections	Agency Elections Management System Modernization (AEMS)	PIR
8	Elections	Pollbooks 2022 (POLLB)	PPR
9	Environment	Environmental Permit Tracking System Modernization (EPTSM)	PIR
10	Environment	Lead Rental Certification and Accreditation (LRCA)	PIR
11	Emergency Medical Services	Maryland Institute for Emergency Medical Services Systems (MIEMSS) Emergency Medical Services (EMS) Communication System Upgrade	PIR
12	General Services	eMaryland Marketplace (eMMA)	PIR
13	Health	Maryland Board of Nursing (BON) Enterprise Licensing and Regulatory Management Solution (ELRMS)	PPR
14	Health	Integrated Electronic Vital Records Registration System (VRRS)	PIR
15	Health	Long Term Services and Supports (includes Financial Restructuring of the Developmental Disabilities Administration) (LTSS)	PIR
16	Health	Medicaid Management Information Systems II (MMISII)	PIR
17	Health	Migrate MDH HQ Data Center to the Cloud (CLOUD)	PPR
18	Health	Statewide Electronic Health Records (EHR)	PPR
19	Human Services	Automated Financial Systems (AFS)	PIR
20	Human Services	Maryland Total Human-services Information Network (MD THINK)	PIR
21	Information Technology	Enterprise Solution Planning Initiative (ESPI)	PPR
22	Information Technology	Maryland OneStop Portal (OneStop)	PIR
23	Information Technology	networkMaryland 100GB Backbone Upgrade (100GB)	PIR
24	Information Technology	Voice and Datacom Modernization (VDM)	PIR



25	Labor	Unemployment Insurance Modernization (UIM)	PIR
26	MD529	Account Holder Management System (AHMS)	PIR
27	Office of the Attorney General	Case Matter Management System (OAG -CMMS)	PIR
28	Office of the Public Defender	Case Matter Management System (OPD-CMMS)	PIR
29	Public Safety and Corrections	Drone Detection and Response System (Drones)	PPR
30	Public Safety and Corrections	Computerized Criminal History (CCH)	PPR
31	Public Safety and Corrections	Electronic Patient Health Record (EPHR)	PPR
32	Public Safety and Corrections	Maryland Correctional Enterprises (MCE) Enterprise Resource Planning Implementation Project (MCE - ERPIP)	PIR
33	Public Safety and Corrections	Learning Management System Replacement (LMSR)	PPR
34	Public Safety and Corrections	MD Automated Fingerprinting Identification System (MAFIS)	PIR
35	State Police	Automated Licensing and Registration Tracking System (ALRTS)	PIR
36	State Police	Statewide Public Safety Communications System(700MHz)	PIR
37	State Retirement and Pension Systems	Business Process Reengineering and Support Technology (MPAS-3)	PIR
38	State Treasurer Office	Financial Systems Modernization (FSM)	PIR
39	Transportation - Authority	Automatic Fare Collection System (AFCS)	PIR
40	Transportation - Authority	Electronic Toll System 3 <sup>rd</sup> Generation (ETC3G)	PIR
41	Transportation - Motor Vehicle	Customer Connect	PIR
42	Transportation - Motor Vehicle	Customer Traffic Management (CTM)	PPR
43	Transportation - State Highway	Consumable Inventory System (CIS)	PIR
44	Transportation - TSO	Capital Management and Programming System (CMAPS)	PIR
45	Transportation - TSO	Electronic Human Resources System (EHRS)	PIR
46	Transportation - Transit	Bus - Unified System Architecture (Bus-USA)	PIR
47	Transportation - Transit	Claims Management System (Claims)	PIR
48	Workers Compensation Commission	Workers Compensation Commission Enterprise Modernization (WCCEM)	PIR

### FY20 MITDPF: SUMMARY OF OPERATIONS

<b>Fund Balance</b>		
Ending Balance per November 1st report in previous year		\$118,054,501
<b>FY20 Funding</b>		
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		
	RSA-Revenue	1,547,664
	Investment Interest	2,330,122
	DLLR-ELMO	2,000,000
<b>Total Revenues</b>		5,877,786
Other Revenue and Transfers-In:		
Transfer-In from Prior Years (in begin balance)		
Transfer-In from MdTA for 700 MHz Radios		
Transfer-In from MdTA & SHA		
General Fund Appropriations Expended to Special Funds	89,481,689	
<b>Total Transfers</b>		89,481,689
Reversion to Fund Balance for Completed MITDPs		
<b>Total FY20 Sources to Date</b>		95,359,475
	<b>Total FY20 Funding:</b>	213,413,976
<b>Transfer Out:</b>		
Reallocation from Prior Years (in begin balance)	0	
Reversion to Fund Balance included in Beginning Balance	0	
Cash Revenue Reduction Paid - Cost Containment	0	
Project Expenditures Reimbursed by Fund to Date	112,684,772	
Liability for Pay Phone Commissions Due to Agencies	0	
<b>Total Transfers Out:</b>		112,684,772
<b>Ending Fund Balance (as of 06/30/2020)</b>		<b>\$100,729,204</b>
Obligations		
<u>Prior Years' Project Fund Obligations</u>	39,371,063	
<u>Current Year Project Fund Obligations</u>	59,028,019	
Total Projected Project Obligations		98,399,081
<b>Projected Net Funds Not Obligated (as of 06/30/2020)</b>		<b>\$2,330,122</b>

### FY20 MITDP AGENCY EXPENDITURES

Agency	MITDPF	AY Approved	Budget Book Adjustment	Amount Approved	Reductions from Prior Year Projects Applied to 2020 Projects	FY20 Revenue	FY20 Expenditures	FY20 Reverted Funds	FY20 Realignment	FY20 DEPENDING EXPENSE	Carry Forward	Comments
DBM	DBM Enterprise Budgeting System (EBS)	2015		149,769							149,769	
DHS	DHS-Automated Financial System (AFS)	2015		29,818			29,818				0	*JA202001
MDH	MDH Medicaid Enterprise Restructuring Project (MERP) formerly (MMIS)	2016		51,380			51,380				0	*JA202062
MDH	MDH Long Term Supports and Services Tracking System (LTSS)	2016		30			30				0	*JA202060
DHS	DHS-Automated Financial System (AFS)	2016		9,860			9,860				0	*JA202001
MDE	MDE Environment Permit Tracking System Modernization (EPTSM)	2016		74,882			74,882				0	*JA202068
MSP	MSP Automated licensing and Registration Tracking System (ALRTS)	2016		513,185			513,185				0	*JA202089 *JA202090
MSP	MSP-700 MHz Radios	2016		218,065				-218,065			0	
SBE	SBE-Agency Election Management System (AMES)	2017		193,108			193,108				0	*JA202080 *JA202081
MDH	MDH Long Term Supports and Services	2017		306,884			306,884				0	*JA202060

	Tracking System (LTSS)											
MDH	MDH- Computerized Hospital Record & Information System (CHRIS)-(EHR)	2017		131,099			131,099				0	*JA202078
DHS	DHS-Automated Financial System (AFS)	2017		430,641			430,641				0	*JA20201
DHS	DHS-(MDThink)- Shared Service Platform	2017		6,404,256			6,404,256				0	*JA20200
DPSCS	DPSCS- Computerized Criminal History (CCH) Replacement Phase II	2017		20,000							20,000	
MDE	MDE Environment Permit Tracking System Modernization (EPTSM)	2017		1,440,000			871,698				568,302	*JA202068
MSP	MSP Automated licensing and Registration Tracking System (ALRTS)	2017		2,000,000			333,003				1,666,997	*JA202090 *JA202091
MSP	MSP-700 MHz Radios	2017		31,697				-31,697			0	
COMP	COMP-Integrated Tax System (ITS)	2017		5,021,258			5,021,258				0	*JA202071
MDH	MDH -Medicaid Management Information System (MMIS II)	2017		958,571			958,571				0	*JA202062 *JA202076
DPSCS	DPSC-Pilot Drone Detection Program (DDRS)	2017		1,000,000							1,000,000	
RSA	Resource Sharing Agreements	2017		211,832			2,680	-209,151			0.00	*JA202026
SBE	SBE-New Voting System Replacement (NVSR)	2018		30,794							30,794	

SBE	SBE-Agency Election Management System (AMES)	2018		483,765			16,918			466,847	*JA202081
MDH	MDH -Medicaid Management Information System (MMIS II)	2018		2,685,547			2,685,547			0	*JA202076 *JA202077
MDH	MDH Long Term Supports and Services Tracking System (LTSS)	2018		3,025,000			3,025,000			0	*JA202060 *JA202074 *JA202075
MDH	MDH- Computerized Hospital Record & Information System (CHRIS)-(EHR)	2018		50,000			50,000			0	*JA202078
DHS	DHS-Automated Financial System (AFS)	2018		665,510			665,510			0	*JA20201
DHS	DHS-(MDThink)- Shared Service Platform	2018		6,030,010			6,030,010			0	*JA20200
DPSCS	DPSCS- Computerized Criminal History (CCH) Replacement Phase II	2018		1,366,163						1,366,163	
MSP	MSP Automated licensing and Registration Tracking System (ALRTS)	2018		1,000,000						1,000,000	
MSP	MSP-700 MHz Radios	2018		1,015,055			109,835	-905,220		0	*JA202070 - M00
DoIT	DoIT-Enterprise Solutions Planning Initiative (ESPI)	2018		1,030,678			385,297.54		174,256	471,124	*JA202027 *JA202083 *JA202087 *JA202059
DoIT	DoIT-eMaryland Marketplace (eMMa)	2018		297,708						297,708	
DoIT	DPSCS-Pilot Drone Detection Program (DDRS)	2018		107,436						107,436	

DPSCS	DPSCS- Electronic Medical Records System (EPMR)	2018		2,162,308			403,695			1,758,613	*JA202064
DPSCS	DPSCS -MD Automated Fingerprint ID System (MAFIS)	2018		899,321			46,672			852,649	*JA202063
MDE	MDE-Lead Rental Certification/ Accreditation (LRCA)	2018		500,000						500,000	
DoIT	DoIT-Maryland One Stop-(One Portal)	2018		1						1	
MDH	MDH Integrated Electronic Vital Records Registration System (IVRR)	2018		486,661			486,661.00				*JA202094 *JA202069 *JA202079
DBM	SPS- Statewide Personnel System	2018		256,916						256,916	
RSA	Resource Sharing Agreements	2018		1,226,870				-1,226,870		0	RSA
OPD	OPD Case Management Replacement (CMR)	2019		1,181,000						1,181,000	
OPD	OPD Case Management Replacement (CMR) Oversight	2019		24,043			316	-23,727		0	*JA202021 * Reverted funds for FY21 Projects
OAG	OAG Case Management and Document Management (CMDM) oversight	2019		9,486			6,054	-3,432		0	*JA202020 * Reverted funds for FY21 Projects
SDAT	SDAT Strategic Enterprise Application Network (SEAN)	2019		380,372						380,372	
SDAT	SDAT Strategic Enterprise Application Network (SEAN) Oversight	2019		12,264			2,140	-10,124		0	*JA202023 * Reverted funds for FY21 Projects

SBE	SBE-Agency Election Management System (AMES)	2019		625,000						625,000	
SBE	SBE-Agency Election Management System (AMES) Oversight	2019		9,136		4,762	-4,373			0	*JA202022 * Reverted funds for FY21 Projects
COMP	COMP-Integrated Tax System (ITS)	2019		6,236,261		6,236,261				0	JA202071 ITS AY 13270261
COMP	COMP-Integrated Tax System (ITS)-Oversight	2019		156,178		8,197	-147,982			0	*JA202002 * Reverted funds for FY21 Projects
STO	STO-Financial Systems Modernization (FSM)	2019		656,057		655,399				658	JA202072 AY19 655399.48
STO	STO-Financial Systems Modernization (FSM)-Oversight	2019		53,371		11,110	-42,260			0	*JA202024 * Reverted funds for FY21 Projects
DoIT	DPSC-Pilot Drone Detection Program (DDRS)	2019		1,500,000						1,500,000	
DoIT	DPSC-Pilot Drone Detection Program (DDRS) Oversight	2019		24,638		11,211	-13,427			0	*JA202004 * Reverted funds for FY21 Projects
DoIT	DoIT-Statewide Voice over IP Phone Services Transition (VoIP) ...	2019		7,591,722		2,604,433.15				4,987,289	*JA202084 *JA202086
DoIT	DoIT-Statewide Voice over IP Phone Services Transition (VoIP) ... Oversight	2019		594,435		17,886	-576,549			0	*JA202025 * Reverted funds for FY21 Projects
DoIT	DoIT-Enterprise Solutions Planning Initiative (ESPI)	2019		2,800,000						2,800,000	
DoIT	DoIT-eMaryland Marketplace (eMMA)-Oversight	2019		50,000		21,232	-28,768			0	JA202010 * Reverted funds for FY21 Projects
DoIT	DoIT-Maryland One Stop-(One Portal)	2019		279,004		279,004				0	*JA202082

MDH	MDH -Medicaid Management Information System (MMIS II)	2019		3,933,119			11,404				3,921,715	JA202077 MMIS 75/25 AY20 2385500.26
MDH	MDH -Medicaid Management Information System (MMIS II) Oversight	2019		72,364			17,846				0	*JA202015 * Reverted funds for FY21 Projects
MDH	MDH Long Term Supports and Services Tracking System (LTSS)	2019		4,000,000			1,755,640				2,244,360	*JA202075
MDH	MDH Long Term Supports and Services Tracking System (LTSS) Oversight	2019		364,733			11,666				0	*JA202014 * Reverted funds for FY21 Projects
MDH	MDH- Computerized Hospital Record & Information System (CHRIS)-(EHR)	2019		4,500,000			3,993,985				506,015	*JA202093 *JA202078
MDH	MDH- Computerized Hospital Record & Information System (CHRIS)-(EHR) Oversight	2019		159,522			6,760				0	*JA202013 * Reverted funds for FY21 Projects
DHS	DHS-Automated Financial System (AFS)	2019		1,374,905			781,988				592,917	0 *JA202094
DHS	DHS-Automated Financial System (AFS) Oversight	2019		18,048			7,052				0	*JA202003 * Reverted funds for FY21 Projects
DHS	DHS-(MDThink)- Shared Service Platform	2019		17,329,422			7,255,032				10,074,390	0 *JA202093
DHS	DHS-(MDThink)- Shared Service Platform Oversight	2019		620,293			50,943				24,388	*JA202017 * Reverted funds for FY21 Projects
DPSCS	DPSCS- Computerized Criminal History (CCH) Replacement Phase II	2019		1,557,000							1,557,000	
DPSCS	Oversight DPSCS- Computerized	2019		52,559			2,104				0	*JA202006 * Reverted funds



	Criminal History (CCH) Replacement Phase II											for FY21 Projects
DPSCS	DPSCS- Electronic Medical Records System (EPMR)	2019		7,000,000							7,000,000	
DPSCS	DPSCS- Electronic Medical Records System (EPMR) oversight	2019		251,646			6,381	-245,265			0	*JA202008 * Reverted funds for FY21 Projects
DPSCS	DPSCS E911 - OVERSIGHT	2019		2,632			632	-2,000			0	*JA202007 * Reverted funds for FY21 Projects
DPSCS	DPSCS -MD Automated Fingerprint ID System (MAFIS)	2019		1,130,000							1,130,000	
DPSCS	DPSCS -MD Automated Fingerprint ID System (MAFIS) oversight	2019		36,533			10,993	-25,540			0	*JA202009 * Reverted funds for FY21 Projects
MDE	MDE-Lead Rental Certification/ Accreditation (LRCA)	2019		880,704							880,704	
MDE	MDE-Lead Rental Certification/ Accreditation (LRCA) Oversight	2019		25,707			2,770	-22,938			0	*JA202012 *JA202037 * Reverted funds for FY21 Projects
MSP	MSP-700 MHz Radios	2019		1,487,589			904,511				583,078	*JA202065 - DPSCS AND JA202070 -M00
MSP	MSP Automated licensing and Registration Tracking System (ALRTS)	2019		450,000							450,000	
MSP	MSP Automated licensing and Registration Tracking System (ALRTS) Oversight	2019		41,667			2,243	-39,424			0	*JA202019 * Reverted funds for FY21 Projects
MDH	MDH Integrated Electronic Vital	2019		304,291			304,291				0	*JA202079

	Records Registration System (IVRR)											
DLLR	DLLR-ONE PORTAL- Electronic Licensing Modernization (ELMo)	2019		1,900,000			1,170,000				730,000	*JA202088
DLLR	DLLR-ONE PORTAL- Electronic Licensing Modernization (ELMo) Oversight	2019		100,000			-100,000	6,766	4,422		2,344	*JA202029 * Reverted funds for FY21 Projects
DoIT	DoIT-From Operations	2019		36,494			-36,494				0	TRANSFERRED IN JE190209 (DoIT)
DoIT	Oversight Project Managers	2019		2,626,426			49,800	-322,805			2,253,821	*JA202085 * Reverted funds for FY21 Projects
RSA	Resource Sharing Agreements	2019		3,099,803			-3,099,803				0	RSA
DoIT	Re-allocation of Funds FY2020 Projects	2019		0.00	-3,900,000						-3,900,000	
TOTAL	Prior Year Obligations			118,054,501	-3,900,000		55,441,544	-	8,502,676.15	6,766	10,845,985	39,371,063
OPD	OPD Case Management Replacement (CMR)	2020		506,000							506,000	
OPD	OPD Case Management Replacement (CMR) Oversight	2020		50,000				-316		21,334	28,350	*JA202054 * ADJ INC REVERTED FUND FY21 PROJ
SDAT	SDAT Strategic Enterprise Application Network (SEAN)	2020		145,000							145,000	
SDAT	SDAT Strategic Enterprise Application Network (SEAN) Oversight	2020		7,500				-2,140		404	4,956	*JA202057 * ADJ INC REVERTED FUND FY21 PROJ
SBE	SBE-Agency Election Management System (AMES)	2020	-234,387	250,000							15,613	REDUCTION PER DLS

SBE	SBE-Agency Election Management System (AMES) Oversight	2020		12,500				-1,438		11,062	0.00	*JA202055 *ADJ INC REVERTED FUND FY21 PROJ
COMP	COMP-Integrated Tax System (ITS)	2020		2,572,000				2,012,742			559,258	*JA202071
COMP	COMP-Integrated Tax System (ITS)-IVV	2020		250,000							250,000	
COMP	COMP-Integrated Tax System (ITS)-Oversight	2020		200,000				-8,197	-95,000		96,803	*ADJ INC REVERTED FUND FY21 PROJ
STO	STO-Financial Systems Modernization (FSM)	2020		550,111				550,111			0	*JA202073
STO	STO-Financial Systems Modernization (FSM)-Oversight	2020		63,967				-11,110		23,531	29,326	*JA202058 *ADJ INC REVERTED FUND FY21 PROJ
DoIT	DoIT-Statewide Voice over IP Phone Services Transition (VoIP) ...	2020		3,518,626	2,250,000					3,600,000	9,368,626	REIMBUSED FOR BUDGET REDUCTION
DoIT	DoIT-Statewide Voice over IP Phone Services Transition (VoIP) ... Oversight	2020			250,000			-17,886		42,314	189,800	*JA202032 *ADJ INC REVERTED FUND FY21 PROJ
DoIT	DoIT-Enterprise Solutions Planning Initiative (ESPI)	2020			1,400,000			1,400,000			2,800,000	
DGS	DGS-eMaryland Marketplace Advantage (eMMa)	2020		14,850,000				4,188,512	3,000,000	-3,600,000	10,061,488	*JA202067 REIMBUSE BUDGET REDUCTION
DGS	DGS-eMaryland Marketplace Advantage (eMMa) Oversight	2020		150,000						62,211	87,789	*JA202035 *ADJ INC REVERTED FUND FY21 PROJ
DoIT	DoIT-Maryland One Stop-(One Portal)	2020		2,917,500				3,173,517	2,000,000	256,017	2,000,000	*JA202088
MDA	MDA-Maryland One Stop-(One Portal)	2020		1,900,000				280,000		-262,783	1,357,217	*JA202088

MDA	MDA-Maryland One Stop-(One Portal) Oversight	2020		100,000						100,000	*ADJ INC REVERTED FUND FY21 PROJ
DoIT	DoIT-Maryland One Stop-(One Portal) Oversight	2020		50,000					20,628	29,372	*JA202005 *JA2020031
MDH	MDH -Medicaid Management Information System (MMIS II) Oversight	2020		50,000			0		50,000	0	*JA202043 *ADJ INC REVERTED FUND FY21 PROJ
MDH	MDH -Medicaid Management Information System (MMIS II) Oversight (IVV)	2020		250,000						250,000	
MDH	MDH Long Term Supports and Services Tracking System (LTSS) Oversight	2020		200,000			-11,666	-95,000	16,317	77,017	*JA202042 *ADJ INC REVERTED FUND FY21 PROJ
MDH	MDH- Computerized Hospital Record & Information System (CHRIS)-(EHR)	2020		3,190,476						3,190,476	
MDH	MDH- Computerized Hospital Record & Information System (CHRIS)-(EHR) Oversight	2020		200,000			-6,760	-95,000	20,031	78,209	*JA202041 *ADJ INC REVERTED FUND FY21 PROJ
DHS	DHS-Automated Financial System (AFS)	2020		977,155				0	811,261	165,894	*JA202094
DHS	DHS-Automated Financial System (AFS) Oversight	2020		51,429			-7,052		3,037	41,340	*JA202028 *ADJ INC REVERTED FUND FY21 PROJ
DHS	DHS-(MDThink)- Shared Service Platform	2020		21,344,655				0	21,344,655	0	*JA202093
DHS	DHS-(MDThink)- Shared Service Platform Oversight	2020		200,000			-50,943		218,553	-69,495	*JA202045 *ADJ INC REVERTED

												FUND FY21 PROJ
DHS	DHS-(MDThink)- Shared Service Platform IVV	2020		500,000			24388			197,508	278,104	* JA202017 *JA202092
DPSCS	DPSCS- Electronic Medical Records System (EPMR)	2020		1,425,000							1,425,000	
DPSCS	DPSCS- Electronic Medical Records System (EPMR) oversight	2020		75,000			-6,381			18,104	50,515	*JA202033 *ADJ INC REVERTED FUND FY21 PROJ
DPSCS	DPSCS -MD Automated Fingerprint ID System (MAFIS)	2020		750,000							750,000	
DPSCS	DPSCS -MD Automated Fingerprint ID System (MAFIS) oversight	2020		50,000			-10,993			37,865	1,141	*JA202034 *ADJ INC REVERTED FUND FY21 PROJ
MSDE	MSDE Maryland Direct Certification System (MDC) Oversight	2020		11,250			-10,199		25,000		26,051	*ADJ INC REVERTED FUND FY21 PROJ
MSP	MSP Automated licensing and Registration Tracking System (ALRTS)	2020		450,000							450,000	
MSP	MSP Automated licensing and Registration Tracking System (ALRTS) Oversight	2020		50,000			-2,039			28,721	19,240	*JA202053 *ADJ INC REVERTED FUND FY21 PROJ
MDH	MDH Integrated Electronic Vital Records Registration System (IVRR)	2020		2,312,518			1,663,733.61				648,784	*JA202078
MDH	MDH Integrated Electronic Vital Records Registration	2020		121,712						28,514	93,198	*JA202044

	System (IVRR) Oversight											
MDH	Migration of the Cloud Data Center	2020		950,000							950,000	
MDH	Migration of the Cloud Data Center Oversight	2020		50,000							50,000	
DoIT	DoIT -17- Drones Oversight	2020						25,000			25,000	
MSRP	MD529-18-AHMS Oversight	2020						15,000			15,000	
MDE	MDE Environment Permit Tracking System Modernization (EPTSM) Oversight	2020						60,000	44,317		15,683	*JA202037 *ADJ INC REVERTED FUND FY21 PROJ
MDE	MDE-Lead Rental Certification/ Accreditation (LRCA) Oversight	2020						25,000	18,685		6,315	*JA202038 *ADJ INC REVERTED FUND FY21 PROJ
MDH	MDH CMS Oversight	2020						5,000			5,000	
MIA	MIA-13-MDCS Oversight	2020						10,000			10,000	
MIEMSS	MIEMSS-18-COMMUP Oversight	2020						45,000			45,000	
MSDE	MSDE/LMS Oversight	2020						5,000			5,000	
MSDE	MSDE-20--REIS Oversight	2020						20,000			20,000	
MSLGA	MSLGA/LCMCS Oversight	2020						5,000			5,000	
MSLGA	MSLGA-/VLTP Oversight	2020						0			0	
MSP	MSP-700MHZ Oversight	2020						40,000	27,031		12,969	*JA202052
SBE	SBE- New Voting System Replacement (NVSR) Oversight	2020						5,000	1,219		3,781	*JA2020056
DLLR	DLLR-ONE PORTAL- Electronic Licensing	2020				1,900,000					1,900,000	

	Modernization (ELMo)											
DLLR	DLLR-ONE PORTAL-Electronic Licensing Modernization (ELMo) Oversight	2020				100,000	2,862.46			17,765	79,372	*JA20205 *JA202031
DOIT	Network Maryland 100 G Backbone Upgrade	2020						2,137,306			2,137,306	
DOIT	Network Maryland 100 G Backbone Upgrade-Oversight	2020						112,490			112,490	
RSA	Resource Sharing Agreements	2020				1,547,664					1,547,664	
SBE	MITDP SBE POLLBOOK	2020	\$ 100,000								100,000	DEFICIENCY
SBE	MITDP SBE POLLBOOK-oversight	2020	\$ 25,000								25,000	DEFICIENCY
DHS	MITDP DHS MDTHINK	2020	\$ 27,222,710							11,015,014	16,207,696	DEFICIENCY *JA202093
STO	STO-Financial Systems Modernization (FSM)	2020	\$ 637,967				421,299				216,668	DEFICIENCY *JA202073
MDH	MITDP MDH DATA CTR	2020	\$ 428,000								428,000	DEFICIENCY
	FY20 Obligations		28,179,290	61,302,399	3,900,000	3,547,663.8	12,317,164	8,502,676	-6,766	34,080,080	59,028,019	
DoIT	Oversight Project Managers	2020		2,330,122							2,330,122	
RSA				0								
	TOTALS		28,179,290	181,687,023	0	3,547,664	67,758,708	0	0	44,926,065	100,729,204	

## Assessment and Taxation: Strategic Enterprise Application Network (SEAN) (#4100)

<p><b>Project Description:</b> Project SEAN allows for the migration and redevelopment of its mainframe applications onto a cloud platform to develop user-centric applications for internal and external customers. The solution will provide SDAT with enhanced capabilities to intake streamlined applications, process submissions in a timely and accurate manner, and gain efficiencies in the auditing efforts applicable to the three main tax credit programs the Department oversees which include the Homeowner’s Tax Credit (HTC), Renter’s Tax Credit (RTC), and Homestead Tax Credit (HMST). Additionally, the solution will allow applicants to self-check the status of their submission(s), receive automated and individualized communications from the Department, and make any necessary corrections or updates to their submissions.</p>	
<p><b>Project Status:</b> SDAT began working with a new contractor in FY20 as the previous contractor was unable to support the needs and requirements of the agency. In Q2 FY20, Phase 1 was completed which focused on bringing HTC and RTC applications online via OneStop. In Q3 FY20, the following components of Phase 2 were deployed: account validation against the SDAT database, address validation against USPS API, PDF generation of applications, and integration with Square9 (SDAT’s mainframe and file management system). The remaining Phase 2 components, the multi-year filing capability, and SDAT’s rollover process, have been rescheduled for delivery in FY21. In addition to these remaining Phase 2 components, the project also plans to deliver Phase 3 in FY21, which will primarily focus on developing HTC and RTC application review, processing, and calculation processes.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> The schedule for Phase 2 of the project has been revised to factor in delivery of the remaining Phase 2 components.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> Remaining Phase 2 components listed in the above status section will be included as part of Phase 3 scope and delivery.</p>	
<p><b>Risk Assessment:</b> The project lacks a schedule and roadmap for upcoming delivery phases.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV&amp;V Assessments Initiated:</b> None</p>



**Assessment and Taxation: Strategic Enterprise Application Network (SEAN) (#4100)  
Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	20,339	901,993	922,332	2.21%
SF	2,860,507	4,709,462	7,569,969	37.79%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>2,880,846</b>	<b>5,611,455</b>	<b>8,492,301</b>	<b>33.92%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	407,989	152,500	956,930	1,517,419
SF	1,283,205	4,753,000	1,533,766	7,569,971
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>1,691,194</b>	<b>4,905,500</b>	<b>2,490,696</b>	<b>9,087,390</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	100,478	708,120	93,395			901,993
SF	569,377	4,012,680	127,405			4,709,462
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>669,855</b>	<b>4,720,800</b>	<b>220,800</b>	-	-	<b>5,611,455</b>

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

<p><b>Project Description:</b> The BCCC intends to replace its administrative system that consists of legacy mainframe and COBOL technologies that can no longer be fully supported. This non-integrated system puts the College at risk since the legacy technology does not meet compliance regulations, and adequately support existing business functions. These limitations have resulted in process deficiencies and audit findings around state and federal compliance relating to sensitive data protections. The purpose of the project therefore is to implement an ERP solution to improve LAN/WAN infrastructure, retire legacy Cobol Regent Carbon application, deploy a new FAM Regent Award application, and acquire an ERP solution and implementation services.</p>	
<p><b>Project Status:</b> BCCC initiated a series of market research initiatives with area universities and colleges, that include on-premise interviews and solution demonstrations. The goal was to explore solutions that met or exceeded the needs of the College resulting in refinements to underlying requirements for specific modules and workflows. BCCC also initiated a series of business process analyses and stakeholder review sessions to validate their requirements. In addition, BCCC also researched ERP solutions that were available via the Intergovernmental Cooperative Purchasing Agreement (ICPA) procurement method. Based on their functional and technical requirements, the College opted to issue an RFP. The RFP was released in Q3 FY20, proposals were received and evaluated, and a recommendation for award to DGS is anticipated in Q1 FY21.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> Data conversion to and system integration with cloud-based solutions present technical risks that are being mitigated.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> None</p>

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

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	7,988,231	5,461,889	13,450,120	59.39%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>7,988,231</b>	<b>5,461,889</b>	<b>13,450,120</b>	<b>59.39%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	14,362,528	1,009,060	2,805,000	18,176,588
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>14,362,528</b>	<b>1,009,060</b>	<b>2,805,000</b>	<b>18,176,588</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	2,805,000	1,831,784	825,105			5,461,889
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>2,805,000</b>	<b>1,831,784</b>	<b>825,105</b>	-	-	<b>5,461,889</b>

## Budget and Management: Central Collections Unit Systems Modernization (CCU2) (#P008)

<p><b>Project Description:</b> Phase 2 of the CCU IT Modernization Project consists of production operations, a system upgrade to FICO Debt Manager 11, development of a debtor portal to automate payment plans, enhancements to the Online Forms debt referral and debt adjustment application, and accounting and legal measures enhancements.</p>	
<p><b>Project Status:</b> Configuration and testing have been completed for the Debt Manager 11 upgrade with production deployment planned for August 2020. The CCU project implemented a new Online Forms application in June 2020 which consists of debt referral, debt adjustment, and user management modules. Additional modules are planned after the new CCU debtor portal is developed. The new debtor portal is in the requirements phase which will provide debtors the ability to review debt accounts and create payment plans online. New BB&amp;T merchant services capabilities are also under review as part of the new debtor portal for real-time payment updates to Debt Manager 11. Testing of new credit card devices are in progress for the merchant services transition from Bank of America to BB&amp;T. The CCU project has also implemented web services in support of the MVA Customer Connect project. The new ITIL-compliant Support Desk system for managing project releases is in the design phase. Cashiering system upgrades were successfully tested at the MVA in Glen Burnie. Additional sites are being upgraded. Data center infrastructure upgrades for memory, CPU, and data storage are in progress.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> Due to impact of rules engine upgrades, the extension of the project beyond December 2020 is possible.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> The FICO Debt Manager rules engine upgrade will occur after the version 11 upgrade to reduce project risk. The rules engine upgrade is required for future FICO Debt Manager upgrades.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV&amp;V Assessments Initiated:</b> None</p>

Budget and Management: Central Collections Unit Systems Modernization (CCU2) (#P008)

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	6,632,181	4,982,847	11,615,028	57.10%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>6,632,181</b>	<b>4,982,847</b>	<b>11,615,028</b>	<b>57.10%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	5,404,408	6,511,260		11,915,668
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>5,404,408</b>	<b>6,511,260</b>	<b>-</b>	<b>11,915,668</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	4,982,847					4,982,847
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>4,982,847</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,982,847</b>

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

**Project Description:** This project’s focus was the replacement of the DBM’s legacy budgeting system, Hands on Budget Office (HOBO), which is no longer maintainable. The new system integrates position information from Workday and financial information from Financial Management Information System (FMIS) to allow the agency budget officers and DBM’s Office of Budget Analysis (OBA) personnel, manage the budget development process as well as coordinate and manage the mandated amendment processes. The project enables system-supported tools for the OBA end users to review and analyze the agencies’ budget requests, recommend approval or modifications of specific requests, incorporate guidance or specific changes requested by the Governor’s office, and apply changes as approved during the legislative sessions. The EBS also supports printing the budget books and relevant appendices, summaries, and highlights. In addition, the project introduced new capabilities in monitoring and reporting current year spend. Due to the age of the HOBO system and the business processes tied to it, OBA planned for, and introduced, a significant amount of business process changes during the project period, supported by the Budget Analysis Reporting System (BARS) software changes. Minor adjustments and efficiency changes are ongoing.

**Project Status:** The system has been in use for three budget cycles. The team monitors and addresses any issues/bugs identified in production. The project is in Operations and Maintenance (O&M) and will no longer be included in future reports.

**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:** No project risks to report at this time.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** 9/23/2014

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

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF				-
FF				-
RF	79,012,826		79,012,826	100.00%
MITDPF				-
<b>Totals</b>	<b>79,012,826</b>	-	<b>79,012,826</b>	<b>100.00%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF				-
FF				-
RF	78,389,071	1,662,500		<b>80,051,571</b>
MITDPF				-
<b>Totals</b>	<b>78,389,071</b>	<b>1,662,500</b>	-	<b>80,051,571</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	-	-	-	-	-	-

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

<p><b>Project Description:</b> The Compass Integrated Tax System (ITS) project will replace the 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 ITS 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 of the ITS will provide the COM with a modernized system, with current technology, that can be 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 will be provided by an ITS contractor. Maintenance and support will include on-site staff responsible for supporting annual tax changes, new legislative mandates, and routine system maintenance and enhancements.</p>	
<p><b>Project Status:</b> Release 1A was deployed into a controlled production environment which includes the automation of the new alcohol tax forms. Release 1B, expected in Q3 FY21, is the deployment of the corporate forms. Other program improvements include development of a comprehensive schedule, improved reporting, increased meeting effectiveness, and additional project controls. The change control charter is complete and will begin planned meetings in Q1 FY21.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> The project incurred issues with the availability of equipment and resourcing due to the COVID-19 response and was able to transition to remote teams. The continued tele-work scenario poses some risk to training and could impact testing. Currently the review cycle timelines are not aligned with the deliverable management process.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> Anticipated Q1 FY21</p>



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

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	10,756,106	79,318,577	90,074,683	11.94%
SF	8,094,299	53,753,787	61,848,086	13.09%
FF				-
RF				-
MITDPF	11,832,897	1,312,103	13,145,000	90.02%
<b>Totals</b>	<b>30,683,302</b>	<b>134,384,467</b>	<b>165,067,769</b>	<b>18.59%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	7,734,106	3,022,000	14,138,602	24,894,708
SF	18,342,295	5,348,000	10,059,068	33,749,363
FF				-
RF				-
MITDPF	13,145,000			13,145,000
<b>Totals</b>	<b>39,221,401</b>	<b>8,370,000</b>	<b>24,197,670</b>	<b>71,789,071</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	19,284,477	21,930,598	19,220,485	13,947,083	4,935,935	79,318,577
SF	13,731,053	14,620,398	12,813,656	9,298,055	3,290,624	53,753,787
FF						-
RF						-
MITDPF	1,312,103					1,312,103
<b>Totals</b>	<b>34,327,633</b>	<b>36,550,996</b>	<b>32,034,141</b>	<b>23,245,138</b>	<b>8,226,559</b>	<b>134,384,467</b>

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

<p><b>Project Description:</b> The MSDE, Office of School and Community Nutrition Programs (OSCNP), is implementing a new technology solution leveraging the United States Department of Agricultural (USDA) Direct Certification Improvement Grant. The grant is being used to replicate and implement Florida’s Direct Certification Solution at MSDE to meet the 95% direct certification rate set by the USDA. The project is an intra-agency collaborative effort between MSDE and the Department of Human Services as a result of the need for shared data between agency technology applications.</p>	
<p><b>Project Status:</b> The project team completed development and deployed to production the MDCS application in November of 2019. The MSDE provided end user training to local educational agencies across the State. MSDE is currently in the process of securing a long-term support contract to manage daily operation and maintenance of the application.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> Local educational agencies are being impacted by COVID-19 as off-site access limits the availability of enrollment data. The MSDE is working to mitigate this risk by implementing batch uploads using CSV, Excel data formats, and other data migration options.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> None</p>

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

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	21,500		21,500	100.00%
SF				-
FF	818,848	894,021	1,712,869	47.81%
RF				-
MITDPF				-
<b>Totals</b>	<b>840,348</b>	<b>894,021</b>	<b>1,734,369</b>	<b>48.45%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	10,000	11,250		21,250
SF				-
FF	1,016,408	213,750		1,230,158
RF				-
MITDPF				-
<b>Totals</b>	<b>1,026,408</b>	<b>225,000</b>	<b>-</b>	<b>1,251,408</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF						-
FF	894,021					894,021
RF						-
MITDPF						-
<b>Totals</b>	<b>894,021</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>894,021</b>

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

**Project Description:** The Maryland SBE is redeveloping 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 a more user friendly and flexible system. 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 and 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:** The project experienced delays due to defects found during testing. These defects are being resolved, however the increased demand for mail-in voting ballots and other COVID-19 related measures for in person voting, have caused additional delays. The AEMS project team has completed the following modules since January 2020, Ballot Definition Report Module, Election Results Module, Write-In Module, Picking Winner Module, Candidate ID Module, and Ballot Style Import by Style and Precinct Module. The new AEMS system will be implemented in a testing environment and will be used for parallel testing during the November election while the legacy system operates in production. The system is currently scheduled to be finalized and available for production in December 2020 and released in March 2021 with the voter registration (MDVOTERs) system release.

**Known / Anticipated Schedule Changes:** Due to bugs found during testing, COVID-19 limitations, and a combined vote by mail and in-person general election in November, the production release is delayed to the end of 2020.

**Known / Anticipated Cost Changes:** FY20 funds were requested to be unappropriated by the Legislature.

**Known / Anticipated Scope Changes:** Unanticipated changes to prepare for a partial vote by mail election in November has occurred.

**Risk Assessment:** If a vote by mail only order is issued for the upcoming November general election, the AEMS system will experience further delays to prepare both the legacy and new AEMS system for this change.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** None

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

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	1,161,312	1,854,009	3,015,321	38.51%
SF	1,161,312	1,854,009	3,015,321	38.51%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>2,322,624</b>	<b>3,708,018</b>	<b>6,030,642</b>	<b>38.51%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	1,732,670	28,113	12,500	1,773,283
SF	1,732,671	28,112	12,500	1,773,283
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>3,465,341</b>	<b>56,225</b>	<b>25,000</b>	<b>3,546,566</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	1,153,659	700,350				1,854,009
SF	1,153,659	700,350				1,854,009
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>2,307,318</b>	<b>1,400,700</b>	-	-	-	<b>3,708,018</b>

### Board of Elections: Pollbooks 2022 (POLLB) (#0003)

<p><b>Project Description:</b> The 2022 Pollbook Project is for the procurement and implementation of a new pollbook system in time for the 2022 Gubernatorial elections. The 2022 Pollbook Project will require the procurement, testing, and implementation of a commercial off-the-shelf (COTS) solution to verify voter registration, confirm precinct location, and issue ballots. In addition to the Pollbook solution itself, scope will include equipment, supplies, and services needed for implementation, and the decommissioning and disposal of the existing legacy pollbook system.</p>	
<p><b>Project Status:</b> The 2022 Pollbook Project officially kicked off in April 2020. Resources brought on board to support the project include a project manager, program administration specialist, business process consultant, and technical writer. The initial Project Management Plan (PMP) has been completed, and a draft RFP for a new Pollbook system scheduled for DoIT’s review by September 2020.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> Any changes in the election law or means of voting may alter the original planned implementation of the system.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV&amp;V Assessments Initiated:</b> None</p>

## Board of Elections: Pollbooks 2022 (POLLB) (#0003)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	24,429	2,849,123	2,873,552	0.85%
SF	24,429	26,724,053	26,748,481	0.09%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>48,857</b>	<b>29,573,176</b>	<b>29,622,033</b>	<b>0.16%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF		125,000	1,151,438	<b>1,276,438</b>
SF		125,000	1,151,438	<b>1,276,438</b>
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>-</b>	<b>250,000</b>	<b>2,302,876</b>	<b>2,552,876</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	727,009	1,373,099	749,015			<b>2,849,123</b>
SF	727,009	11,109,618	8,613,676	6,273,750		<b>26,724,053</b>
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>1,454,018</b>	<b>12,482,717</b>	<b>9,362,691</b>	<b>6,273,750</b>	<b>-</b>	<b>29,573,176</b>

## Emergency Medical Services: MIEMSS Emergency Medical Services (EMS) Communication System Upgrade (#23COM)

<p><b>Project Description:</b> MIEMSS is upgrading its statewide EMS Communications System, replacing the legacy analog system with a fully IP-based system. The current system handles approximately 400,000 radio/phone calls per year and operates 24/7/365 and the upgrade will improve local redundancy to eliminate single points of failure and permit operations from multiple locations. It is MIEMSS' goal to have a highly reliable, next generation communications system that is built on a uniform platform, is IP-based, uses proven and scalable technology, and integrates with the State's public safety answering points (PSAPs). The upgrade effort is divided into phases largely based on the MIEMSS EMS Regions. Each phase has three defined stages - Equipment Delivery, Implementation, and Acceptance. MIEMSS is currently in Phase 1, focused on EMS Region V. The upgrade plan shall allow for geo-diverse operations, be fully functional from any physical site including the locations from which MIEMSS currently operates, have performance meeting or exceeding current capabilities, retain current analog subscriber and base station infrastructure, incorporate wired and wireless video technologies, integrate with the State's planned 700 MHz communications system, and include consideration of wireless broadband technologies.</p>	
<p><b>Project Status:</b> The upgrade is a multi-year project which began in 2018 and is slated to be complete in June 2023. In FY2020, equipment was delivered after successful completion of factory acceptance testing of the new Phase 1 communication equipment, resulting in completion of this stage and payment of a milestone. In May of 2020 the project moved into the Implementation stage of Phase 1, where new equipment is installed in hospitals and tower locations. The entire implementation stage must be completed before moving on to acceptance, which is expected to begin in November 2020. COVID-19 has impacted the progress, as there have been delays obtaining signed SOWs by hospital leadership, a multi-week pause (mutually agreed upon by MIEMSS and the project contractor) as the virus spread in Maryland and coordinating facility contacts and access.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> Increased restrictions in accessing hospitals for equipment installations could further delay the project.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV&amp;V Assessments Initiated:</b> None</p>



**Emergency Medical Services: MIEMSS Emergency Medical Services (EMS) Communication System Upgrade  
(#23COM)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	3,610,693	12,130,410	15,741,103	22.94%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>3,610,693</b>	<b>12,130,410</b>	<b>15,741,103</b>	<b>22.94%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	12,050,000			12,050,000
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>12,050,000</b>	-	-	<b>12,050,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	4,094,688	8,035,722				12,130,410
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>4,094,688</b>	<b>8,035,722</b>	-	-	-	<b>12,130,410</b>

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

<p><b>Project Description:</b> The EPTSM project is modernizing how the MDE captures departmental permit data by transitioning from the existing legacy system to a system developed using updated .NET technologies. This project supports the Department’s mission of offering services such as ePermits and eCommerce accessible to Maryland citizens, businesses, and other stakeholders through an interactive customer-centric web-based portal.</p>	
<p><b>Project Status:</b> The Land Administration module was completed in May 2020. The Land and Water Administration module, which includes wetlands and wastewater permits, is scheduled for a November 2020 completion date. This would complete the entire Permit Tracking System core functionality [Minimum Viable Product (MVP)].</p>	
<p><b>Known / Anticipated Schedule Changes:</b> Delays in the implementation of a UAT server delayed the project's initial go live date.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> No project risks to report at this time.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV&amp;V Assessments Initiated:</b> None</p>

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

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	2,808,193	951,723	3,759,916	74.69%
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>2,808,193</b>	<b>951,723</b>	<b>3,759,916</b>	<b>74.69%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	3,287,163		527,500	<b>3,814,663</b>
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>3,287,163</b>	<b>-</b>	<b>527,500</b>	<b>3,814,663</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	634,961	316,762				<b>951,723</b>
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>634,961</b>	<b>316,762</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>951,723</b>

## Environment: Lead Rental Certification and Accreditation (LRCA) (#3206)

**Project Description:** The LCRA Project’s goal is to replace current legacy applications and databases, integrating solutions that will help the MDE Lead Poisoning Prevention Program (LPPP) maintain their business data and support business processes. To this end, MDE is employing modern .NET application development technologies coupled with a SQL Server backend database for the new LRCA system. The use of this technology will reduce dependencies on outside contractors for application enhancements, maintenance and support. Benefits of this technology approach include interoperability, increased sustainability, and reduced operations and maintenance support costs. The LRCA system will provide MDE with a secured internet application interface that will help the accredited entities in maintaining and submitting requisite and compliance data electronically to MDE. Through an intranet interface, MDE users will be able to view, amend, and approve accreditation applications, compliance data, and certifications, and perform the oversight function of enforcement actions against property owners and accredited entities. In addition, the system will allow applicants, accredited entities, and violating parties to pay fees and penalties online using an integrated payment processing module.

**Project Status:** The project team is executing the design and development of the Accreditation Module which is the first of four system modules. The team has configured and set up the development environment and is in the process of procuring quality assurance and testing servers. The project team is currently working with the MDE’s business users and the interface team to further refine requirements and continue the incremental build of the application.

**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:** No project risks to report at this time.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** None

## Environment: Lead Rental Certification and Accreditation (LRCA) (#3206)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	444,727	773,140	1,217,867	36.52%
SF	31,448	1,497,501	1,528,949	2.06%
FF				-
RF				-
MITDPF				-
Totals	476,175	2,270,641	2,746,816	17.34%

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	500,000			500,000
SF	947,549			947,549
FF				-
RF				-
MITDPF				-
Totals	1,447,549	-	-	1,447,549

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	191,740	262,650	255,000	63,750		773,140
SF	916,101	262,650	255,000	63,750		1,497,501
FF						-
RF						-
MITDPF						-
Totals	1,107,841	525,300	510,000	127,500	-	2,270,641

## General Services: Statewide Enterprise Procure to Pay System (eMMA) (#13109)

**Project Description:** DGS has engaged with DoIT, DBM, and the Governor’s office to deliver a statewide enterprise, multijurisdictional electronic procurement and vendor self-service (“eProcurement”) solution. The intent is for eMMA to be acquired as a cloud-based, Software-as-a-Service (SaaS) solution to meet State statutory requirements for all state procurements. This will replace the “eMM” solution provided by a contract with Periscope Holdings, Inc., which expired August 28, 2019. eMMA will also offer options for end-to-end or Procure-to-Pay functionality with any financial management or asset management system. Such functionality will allow public bodies to either integrate in real time or batch interface, with the potential for replacing Maryland’s current ADPICS purchase order tool. The eMMA solution will provide support for all public procurement processes and system requirements, including the following: public notices, sourcing, receiving, vendor self-service registration and management, solicitation development, bid document management, government-to-business online electronic punch-out catalogs, requisitioning, and a readily available data warehouse repository with reporting tools for all appropriate public information.

**Project Status:** The project has fully transitioned Release 1.0 that replaced the eMM application to State operational support. The project continues to prepare for follow-up releases, working with state agencies to implement advanced workflows and functionality preparing for procure-to-pay. In Q3 FY20, a technical project manager joined the project to help improve cadence, processes, technical decisions and take over the day-to-day operations of the project. An in-depth evaluation of the anticipated middleware solution for the integration points concluded that the anticipated middleware solution may not be the best approach due to cost and that a point to point integration solution would be more achievable given the project’s budget and timeline. A cost evaluation of the various solutions revealed the integration complexity and costs are projected higher than originally anticipated. A decision on integration solution is due in Q1 FY21. At that time the project will assess the schedule and cost to prepare a re-baseline.

**Known / Anticipated Schedule Changes:** Selected integration approach could pose a significant impact to the schedule.

**Known / Anticipated Cost Changes:** Selected integration approach could pose a significant increase to project cost.

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

**Risk Assessment:** The integration challenges persist and could have a major impact on schedule and cost.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** Anticipated Q2 FY21

**General Services: Statewide Enterprise Procure to Pay System (eMMA) (#13109)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	11,782,718	22,071,540	33,854,2585	34.80%
SF				-
FF				-
RF				-
MITDPF		3,000,000	3,000,000	0.00%
<b>Totals</b>	<b>11,782,718</b>	<b>25,071,540</b>	<b>36,854,258</b>	<b>31.97%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	1,595,000	15,000,000	3,500,000	20,095,000
SF				-
FF				-
RF				-
MITDPF			3,000,000	3,000,000
<b>Totals</b>	<b>1,595,000</b>	<b>15,000,000</b>	<b>6,500,000</b>	<b>23,095,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	8,650,112	8,380,952	5,040,476			22,071,540
SF						-
FF						-
RF						-
MITDPF	3,000,000					3,000,000
<b>Totals</b>	<b>12,881,369</b>	<b>8,380,952</b>	<b>5,040,476</b>	-	-	<b>25,071,540</b>

## Health: Statewide 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 statewide Electronic Health Record (EHR), previously known as “Computerized Health Record Information System (CHRIS).” The EHR 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 submit public health data to MDH electronically and 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:** COVID-19 impacted the hospital infrastructure enhancements which would have been completed by now but currently stand at approximately 60% complete. The project now anticipates the effort to be completed by June 2021 (FY21). A new program manager has been assigned to the project. The EHR RFP was released, responses were received, and are under evaluation. An award recommendation is expected by November 2020. Issuance of a notice to proceed is anticipated by Q3 FY21.

**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:** Success of the project remains dependent upon the organizational support of the state hospitals which currently operate as independent entities. The hospitals will be essential in the process of building consistent business rules for the implementation of the multiple EHR modules.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** None



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

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	4,939,740	25,093,300	30,033,040	16.45%
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>4,939,740</b>	<b>25,093,300</b>	<b>30,033,040</b>	<b>16.45%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	5,305,000	3,390,476	4,558,000	13,253,476
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>5,305,000</b>	<b>3,390,476</b>	<b>4,558,000</b>	<b>13,253,476</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	4,460,400	10,580,200	10,052,700			25,093,300
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>4,460,400</b>	<b>10,580,200</b>	<b>10,052,700</b>	-	-	<b>25,093,300</b>

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

**Project Description:** Maryland Medicaid implemented a Long-Term Care reform system that increases federal medical assistance percentages (FMAP) by over \$140M. Specifically, Maryland implemented a tracking system (LTSSMaryland), a standardized assessment instrument, and an in-home services verification system (ISAS) that meets federal Electronic Visit Verification requirements. LTSSMaryland is an integrated 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 LTSSMaryland system was determined by the functionality necessary to meet the federal Balancing Incentive Program (BIP) and Community First Choice (CFC) program requirements. The Department has added business and capability modules over time since the initial launch's success. These modules include expansion to additional Medicaid home and community-based programs under various MDH programs and offices.

**Project Status:** The Developmental Disabilities Administration (DDA) 2.0 pilot went live in December 2019, with system database re-platforming from RavenDB to SQL expected by mid-2021. Rare and Expensive Case Management (REM) functionality was deployed during the February 2020 release. A solicitation for the recompete of the LTSSMaryland Technical Oversight contract was released. Due to the quality of responses, the RFP was cancelled, and the incumbent contract was extended with Board of Public Works (BPW) approval. The LTSSMaryland software vendor contract was awarded effective 8/1/2020. New project planning has begun with a focus on Division of Nursing Services programs and reportable incidents.

**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:** The main risks include organizational change, system technical maintenance and updates, and procurement. MDH has resource risks and change management risks for its end-users that are being mitigated through organizational change management activities. System updates and upgrades are necessary to maintain security and ensure system performance. Procurement delays may cause the need for extensions.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** 11/6/2013

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

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	23,126,026	30,912,464	54,038,490	42.80%
SF				-
FF	94,488,335	149,159,812	243,648,147	38.78%
RF				-
MITDPF				-
<b>Totals</b>	<b>117,614,361</b>	<b>180,072,276</b>	<b>297,686,637</b>	<b>39.51%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	27,051,037	200,000	500,000	27,751,037
SF				-
FF	73,176,107	26,280,000	29,606,400	129,062,507
RF				-
MITDPF				-
<b>Totals</b>	<b>100,227,144</b>	<b>26,480,000</b>	<b>30,106,400</b>	<b>156,813,544</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	3,584,702	4,554,627	4,554,627	4,554,627	13,663,881	30,912,464
SF						-
FF	28,656,526	20,083,881	20,083,881	20,083,881	60,251,643	149,159,812
RF						-
MITDPF						-
<b>Totals</b>	<b>32,241,228</b>	<b>24,638,508</b>	<b>24,638,508</b>	<b>24,638,508</b>	<b>73,915,524</b>	<b>180,072,276</b>

## Health: BON Enterprise Licensing and Regulatory Management Solution (ELMS) (#A805)

**Project Description:** The procurement of an ELMS that provides the capabilities related to the management of every aspect of licensing and discipline to Maryland Health Occupation Boards. These capabilities include software licenses and support, systems analysis, development, implementation, and support services for the Health Occupation Boards. This new system will assure, advance, and protect the public's health and welfare through proper credentialing, permitting, licensing, examination, inspection, and discipline of health providers, distributors and facilities. This new system will also help enforce regulations and legislation, resolve complaints, and educate the public.

**Project Status:** MDH and DoIT have been in discussions with the Board of Nursing to work toward agreement on a solution path forward for the recommended use of the OneStop portal as the platform. While the discussions continue, no progress on the project has occurred.

**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:** No project risks to report at this time.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** None

## Health: BON Enterprise Licensing and Regulatory Management Solution (ELMS) (#A805)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	458,082	1,868,500	2,326,582	19.69%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>458,082</b>	<b>1,868,500</b>	<b>2,326,582</b>	<b>19.69%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	734,500	378,500		<b>1,113,000</b>
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>734,500</b>	<b>378,500</b>	-	<b>1,113,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	467,125	467,125	467,125	467,125		<b>1,868,500</b>
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>467,125</b>	<b>467,125</b>	<b>467,125</b>	<b>467,125</b>	-	<b>1,868,500</b>

## Health: Medicaid Management Information Systems II (MMISII) Enhancements (#T810-T812)

**Project Description:** The current legacy MMIS, originally installed in 1995, has significantly surpassed its normal life cycle, is technologically out-of-date and exceedingly difficult to support. MMIS is no longer capable of quickly adapting to stakeholders' needs which is creating limitations that inhibit the efficiency and effectiveness of the Medical Care Programs provided by the State. MDH intends to replace the existing system with a new modular MMIS, namely the Medicaid Enterprise Systems Modular Transformation (MMT) Project. MDH has formalized the initial plan/Roadmap, based off of the completed Medicaid IT Architecture (MITA 3.0) State Self-Assessment (SSA), which calls for the development, implementation, and operations of several modular systems and services. The MMT modules include Customer Relationship Management (CRM), Decision Support System (DSS)/Data Warehouse (DW), Pharmacy Point-of-Sale Electronic Claims Management System (POSECMS), Behavioral Health Administrative Services (BHASO), MD THINK AWS Migration EDITPS and eMedicaid, Provider Management Module (PMM), Financial Management, and Core MMIS.

**Project Status:** The MMT program continues to refine the roadmap. The BHASO module went live on January 1, 2020 with limited functionality. The project is now in its second go live phase and is demonstrating significant functionality improvements. A number of development items remain to be implemented through Q2 FY21. POSECMS was also in Design, Development, and Implementation (DDI) as of Q3 FY20, however, a number of contractor issues and additional scope have extended the timeline into Q2 FY21. The CRM project also kicked off in Q4 FY20. Additional module procurements and development efforts will begin in late FY21, namely Dental ASO, Utilization Control Agent (UCA), and the PMM.

**Known / Anticipated Schedule Changes:** As the program is refining its overall system integration strategy and business requirements, a number of initiatives have shifted, and a new roadmap is due to be released in Q2 FY21.

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

**Known / Anticipated Scope Changes:** Additional initiatives are being onboarded that were not in the original roadmap as the business and system integration requirements are being refined.

**Risk Assessment:** Overall program governance and planning are not yet established, including, but not limited to, communications management plan, change management plan, and integrated program master schedule.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** 04/2020

## Health: Medicaid Management Information Systems II (MMISII) Enhancements (#T810-T812)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	6,094,447	77,503,613	83,598,060	7.29%
SF				-
FF	26,703,283	439,187,142	465,890,425	5.73%
RF				-
MITDPF				-
<b>Totals</b>	<b>32,797,730</b>	<b>516,690,755</b>	<b>549,488,485</b>	<b>5.97%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	9,350,752	300,000	5,542,710	15,193,462
SF				-
FF	57,725,221	12,379,660	43,694,891	113,799,772
RF				-
MITDPF				-
<b>Totals</b>	<b>67,075,973</b>	<b>12,679,660</b>	<b>49,237,601</b>	<b>128,993,234</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	8,186,990	14,293,411	13,884,411	18,463,328	22,675,473	77,503,613
SF						-
FF	46,392,942	80,995,995	78,678,332	104,625,523	128,494,350	439,187,142
RF						-
MITDPF						-
<b>Totals</b>	<b>54,579,932</b>	<b>95,289,406</b>	<b>92,562,743</b>	<b>123,088,851</b>	<b>151,169,823</b>	<b>516,690,755</b>

## Health: Integrated Electronic Vital Records Registration System (VRRS) (#A807)

**Project Description:** The VRRS Project will modify the code for the existing California Integrated Vital Records System (Cal-IVRS) to Maryland’s specifications and port it to run on the MD THINK platform. This System will contain modules to allow secure web-based entry of all birth and fetal death records, along with the import of marriage and divorce records. The System will also support the search, retrieval, and issuance of certificates based upon these records including modules to track the acceptance of fees and the use of security paper. The VRRS will be integrated with the existing Maryland Electronic Death Registration System (MD-EDRS), previously customized from California’s death registration system, which will be ported to run on MD THINK during the integration phase. This integration will support the existing user accounts that are currently in use at all Maryland medical facilities and funeral facilities. The integrated system will support a reporting system that exports new records in specified formats for electronic transfer to the National Center for Health Statistics and other interested parties, in addition to utilizing external reporting tools to provide data analysis. It will also support the sending of data to/from the Social Security Administration. The system will provide for restricted search and issuance capabilities for use by local health departments and by the MVA. The solution will support the import of all legacy data from Maryland’s current vital records systems.

**Project Status:** University of California San Diego continues to customize the software to meet Maryland’s needs. The pilot program for producing MVA location to support the REAL ID license program is in its final stages. The migration of the legacy birth system is in the testing phase on the MD Think platform and the integration is progressing. Some project milestones were delayed six to nine months due to loss of development resources, MD THINK platform complexity, and impacts related to COVID-19. However, the project is still expected to be completed in FY23.

**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:** Both resourcing and system supportability remain key risk areas. The existing legacy system is no longer supported, and the source code is unavailable.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** None



## Health: Integrated Electronic Vital Records Registration System (VRRS) (#A807)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	2,806,598	13,058,661	15,865,259	17.69%
SF				-
FF				-
RF				-
MITDPF				-
Totals	2,806,598	13,058,661	15,865,259	17.69%

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	486,661	2,434,230	4,154,547	7,075,438
SF				-
FF				-
RF				-
MITDPF				-
Totals	486,661	2,434,230	4,154,547	7,075,438

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	4,268,839	5,300,596	3,489,226			13,058,661
SF						-
FF						-
RF						-
MITDPF						-
Totals	4,268,839	5,300,596	3,489,226	-	-	13,058,661

## Health: Migrate MDH HQ Data Center to the Cloud (CLOUD) (#A246)

<p><b>Project Description:</b> This project started in FY20 and will include a phased lift and shift of all applications currently running in the MDH HQ data center to a cloud-based solution. It is anticipated that future phases will include modernization of these applications.</p>	
<p><b>Project Status:</b> MDH is procuring a Cisco based computer solution to replace end of life technology that will be hosted in a private cloud. The CISCO solution will bridge the gap until a public cloud migration solution is available and assist with the migration of MDH data and systems to a cloud solution. MDH is also procuring additional network infrastructure equipment to support the physical move of server/storage devices from MDH HQ. The Cisco solution is planned to be operational by December 2020.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time to the entire project cost. Supplemental funding was provided for this project in April 2020.</p>	
<p><b>Known / Anticipated Scope Changes:</b> The Web Modernization effort is under consideration for inclusion, via rebaselining, under the CLOUD MITDP.</p>	
<p><b>Risk Assessment:</b> No project risks to report at this time.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV&amp;V Assessments Initiated:</b> None</p>

## Health: Migrate MDH HQ Data Center to the Cloud (CLOUD) (#A246)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	25,559	30,781,115	30,806,674	0.08%
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>25,559</b>	<b>30,781,115</b>	<b>30,806,674</b>	<b>0.08%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF		1,428,000	8,089,000	9,517,000
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>-</b>	<b>1,428,000</b>	<b>8,089,000</b>	<b>9,517,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	11,408,615	6,457,500	6,457,500	6,457,500		30,781,115
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>11,408,615</b>	<b>6,457,500</b>	<b>6,457,500</b>	<b>6,457,500</b>		<b>30,781,115</b>

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

**Project Description:** The State has implemented AFS Dynamics 365 for Finance and Operations (AFS D365) as its new, modernized, and state-of-the-art Software-as-a-Service (SaaS) application that replaces the legacy Automated Fiscal System (AFS). The legacy AFS application was a computerized fiscal tracking system that was used statewide by local finance offices to perform accounting tasks, such as: setting up, printing, and tracking payments for DHS vendors, including payments to foster care providers, and maintaining financial transaction history. The legacy AFS application was prone to errors. The functionality was rigid along with limited flexibility to make system modifications and enhancements to support changing program requirements. Microsoft’s Dynamics 365 for Finance and Operations (Dynamics 365) platform was selected as the new solution to provide DHS with necessary financial management capabilities to improve security, performance, user experience, and standardization of system configurations.

**Project Status:** The AFS Modernization effort has been successfully completed, and the AFS D365 application went live statewide for DHS on May 1, 2019. The project's final year of operations and maintenance (O&M) for the MITDP in FY20 is complete. DoIT has approved the closure for the project and all related documentation has been accepted. The project will no longer be included in future reports.

**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:** No project risks to report at this time.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** None

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

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	3,449,307	-	3,449,307	100.00%
SF				-
FF	1,833,478	-	1,833,478	100.00%
RF				-
MITDPF				-
<b>Totals</b>	<b>5,282,785</b>	<b>-</b>	<b>5,282,785</b>	<b>100.00%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	3,093,661	1,028,585		<b>4,122,246</b>
SF				-
FF	3,315,507	529,877		<b>3,845,384</b>
RF				-
MITDPF				-
<b>Totals</b>	<b>6,409,168</b>	<b>1,558,462</b>	<b>-</b>	<b>7,967,630</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## Human Services: Maryland Total Health Information Network (MD THINK) (#F8310)

**Project Description:** Maryland Total Human Services Integrated Network (MD THINK) is a technological endeavor in the State of Maryland which was initiated in FY17 with Federal approval. The purpose of the project is to modernize and integrate multiple MD State health and human services targeted towards the most vulnerable citizens in Maryland. The project is hosted by DHS 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 historically been supported by "silo", stand-alone systems with little or no interface with other systems engaged in service delivery to similar target consumers in MD. These include public health, juvenile systems, and adult services. This leads to more expensive service delivery 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 the time required for delivery.

**Project Status:** The Child welfare portion of the Child, Juvenile and Adult Management System (CJAMS) was deployed to 12 Maryland counties and Baltimore City, which represents 75% of the total caseload. CJAMS will be deployed state-wide in July 2020. Eligibility and Enrollment (E&E) successfully completed a system demo to the Food and Nutrition Service (FNS), after a delay due to the COVID-19 Pandemic. UAT kicked-off across jurisdictions and stakeholder groups in June 2020, although State-wide deployment for E&E is delayed due to numerous factors. The Child Support Management System (CSMS) was successfully demonstrated in May 2020 to the ACF-OCSE Federal Partners, the Health Benefit Exchange (HBX) application is scheduled to be integrated with the Master Data Management (MDM). Several other applications from the Department of Health are migrated to or are in the process of being migrated to the MD THINK platform. These applications are not integrated with the MDM.

**Known / Anticipated Schedule Changes:** CJAMS is behind schedule and will be deployed state-wide in FY21. E&E was planned to be deployed state-wide in the summer of 2020, is now behind schedule, and rescheduled for deployment in the winter of 2021. CSMS was initially intended to be piloting in summer 2020 but is now delayed until spring 2021.

**Known / Anticipated Cost Changes:** The FY20 deficiency request for \$61M was approved by the DLS in the January 2020 session. For FY21, \$105M was funded out of the \$139M initially requested. The overall risk for MD THINK to remain within the constraints of FY21 appropriations is high.

**Known / Anticipated Scope Changes:** The scope of the features and capabilities in all applications may be revised following reviews and discussions with the business stakeholders as the requirements are not fully analyzed.

**Risk Assessment:** The risk related to the overall scope and timeline for each sub-program remains high at this time. The “Reasonable” viable product that should cover the features and capabilities of the application to be deployed has not yet been agreed upon by all stakeholders.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** 05/22/2018

## Human Services: Maryland Total Health Information Network (MD Think) (#F8310)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	76,639,014	63,216,799	139,855,813	54.80%
SF				-
FF	220,345,104	144,075,414	364,420,518	60.46%
RF				-
MITDPF				-
<b>Totals</b>	<b>296,984,118</b>	<b>207,292,213</b>	<b>504,276,331</b>	<b>58.89%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	38,367,051	49,267,365	18,122,351	105,756,767
SF				-
FF	127,356,420	101,289,468	87,271,080	315,916,968
RF				-
MITDPF				-
<b>Totals</b>	<b>165,723,471</b>	<b>150,556,833</b>	<b>105,393,431</b>	<b>421,673,735</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	18,122,351	45,094,448				63,216,799
SF						-
FF	87,271,080	56,804,334				144,075,414
RF						-
MITDPF						-
<b>Totals</b>	<b>105,393,431</b>	<b>101,898,782</b>	-	-	-	<b>207,292,213</b>



## Information Technology: Enterprise Solution Planning Initiative (ESPI) (#P013)

**Project Description:** A key step in the Enterprise Plan is the institution of a central planning process. In this plan, the DoIT EPMO establishes a component within the DoIT intake process for MITDP evaluation whereby agencies identify needs before spending time and money on extensive planning of their siloed projects. The EPMO reviews the IT request in the context of the Enterprise, determines if it can be delivered via a procurement or minor effort, added to an existing MITDP, or whether a new Enterprise initiative (via MITDP) should be planned. The ESPI will provide integrated planning support and tools to support the numerous IT solutions requests received across multiple agencies. The proper planning for these requests will be critical in engaging agencies with common needs and data; developing appropriate strategies and architecture; leveraging process improvements; identifying acquisitions; and determining technologies and systems for implementation. Individual agency planning ITPR's will no longer be submitted because large upfront planning to document all project requirements is no longer desirable in an agile environment. Instead, central planning will be provided under this initiative under DoIT's purview, with the goal being to devise an Enterprise strategy. If the strategy calls for a major development effort, the DoIT will help establish the processes and strategies to meet the need for all agencies in a way that is compatible with the enterprise architecture, resulting in an implementation ITPR for the initiative. The DoIT EPMO will also continue to modernize its MITDP portfolio management and dashboard reporting functionality to support these initiatives and other all MITDPs under DoIT's purview.

**Project Status:** Additional PRISM enhancements and fixes for the FY22 ITPR submissions are scheduled to be complete by late September 2020. Agencies can enter and submit FY22 requests during this development. These include the addition of an oversight ITPR evaluation template, access to deliverables and spend plan content, document repository (Google Drive) for all deliverables, and a budget adjustments column for appropriation changes throughout the fiscal year. The EPMO continues to provide evaluations for MITDPs across multiple agencies, statewide, and/or individual system development efforts. Two efforts in FY20 for ESPI planning included a Statewide document management solution and support for a payment services transition strategy. With these ongoing critical efforts, the start of an automated portfolio/dashboard system, which will include oversight observations reporting, has been delayed until Q2 FY21. Planning for this effort began in Q3 FY20.

**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:** No project risks to report at this time.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** None

## Information Technology: Enterprise Solution Planning Initiative (ESPI) (#P013)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	1,964,847	6,410,000	8,374,847	23.46%
SF				-
FF				-
RF				-
MITDPF		1,145,045	1,145,045	-
<b>Totals</b>	<b>1,964,847</b>	<b>7,555,045</b>	<b>9,519,892</b>	<b>20.64%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	2,342,480			2,342,480
SF				-
FF				-
RF				-
MITDPF	500,000	1,400,000	1,400,000	3,300,000
<b>Totals</b>	<b>2,842,480</b>	<b>1,400,000</b>	<b>1,400,000</b>	<b>5,642,480</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF		1,850,000	2,280,000	2,280,000		6,410,000
SF						-
FF						-
RF						-
MITDPF	1,145,045					1,145,045
<b>Totals</b>	<b>1,145,045</b>	<b>1,850,000</b>	<b>2,280,000</b>	<b>2,280,000</b>	<b>-</b>	<b>7,555,045</b>

## Information Technology: Voice and Datacom Modernization (VDM) (#41679)

**Project Description:** The State of Maryland is currently using outdated Centrex/TDM/PRI/Fax technology and is making the transition to a more modern IP Telephony solution of Unified communications and Voice over Internet Protocol (VOIP). Unified Communications integrates multiple means of communication (e.g., e-mail, instant messaging, voice, etc.) onto one platform, and gaining efficiency across the State enterprise network. For FY20 a rebaselining of the MITDP was approved adding four more agencies (SDAT, DNR, DOL, MDE) to the scope of the project which includes an additional 3,000+ phones to be migrated over to the VoIP environment.

**Project Status:** FY20 saw the successful completion of several large locations for the VDM project, although the project was impacted by COVID as State office buildings closed and the team was unable to maintain the schedule in the second half of the fiscal year. In response to the COVID remote work order, the project teams shifted focus to helping agencies enable call center employees work remotely by migrating their phones to the VoIP platform. The project team also assisted with softphone deployments at agencies so that call agents were able to work remotely providing critical services. Call center agents from the MDL and the DHS locations in Baltimore City, were given the tools to work on their support lines remotely, reducing the number of staff working in office buildings. These employees provided services for the Unemployment Insurance Division, Baltimore City Adult and Child Protective Services, and the Family Investment Administration. In FY20, 22 locations were migrated to the State's VoIP platform consisting of over 4,000 phones. These include the majority of the Annapolis area complex buildings (45 Calvert, 29 St. Johns, State House, Government House, Shaw House, Wineland Building), 11 DHS locations, three SDAT locations, and Labor HQ located at 1100 N. Eutaw St. in Baltimore, MD.

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

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

**Known / Anticipated Scope Changes:** In January the project increased the scope to include ~3200 users with no impact to cost. The users include SDAT (330 users), MDL (900 users), DNR (550 users), MDE (1300 users), and other small site requests (120 Users).

**Risk Assessment:** The project has resumed phone installation after being on hold due to the COVID-19 response. Additionally, due to the project team containing telecom operational resources not funded by the MITDP, there may come a point where operational work impacts the project. This risk is also being monitored, as the continued response could cause further delays.

**Portfolio Review / Health Assessment Held: 06/18/2020**

**IV & V Assessments Initiated: None**

## Information Technology: Voice and Datacom Modernization (VDM) (#41679)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	7,569,386		7,569,386	100.00%
SF				-
FF		3,193,294	3,193,294	-
RF		-	-	-
MITDPF		10,078,915	10,078,915	-
<b>Totals</b>	<b>7,569,386</b>	<b>13,272,209</b>	<b>20,841,595</b>	<b>36.32%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	5,626,024	3,518,626		9,144,650
SF				-
FF	1,596,647	1,596,647		3,193,294
RF				-
MITDPF	7,863,949	2,500,000		10,363,949
<b>Totals</b>	<b>15,086,620</b>	<b>7,615,273</b>	<b>-</b>	<b>22,701,893</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF						-
FF	3,193,294					3,193,294
RF						-
MITDPF	4,879,779	5,199,136				10,078,915
<b>Totals</b>	<b>8,073,073</b>	<b>5,199,136</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,272,209</b>

## Information Technology: networkMaryland 100GB Backbone Upgrade (100GB) (#41729)

**Project Description:** networkMaryland's infrastructure is currently a partial mesh design that has grown organically over time based on the availability of fiber assets. This network is anchored by a number of core sites, strategically located throughout the State, where network traffic and services aggregate. The availability of external internet peering services, location of data center services, and proximity to subscriber headquarters are all potential reasons a location has been selected to be a core site. These core sites are interconnected by networkMaryland fiber and the resulting fiber network is referred to as the backbone network. The current backbone network was designed based on a maximum capacity for any specific fiber link of 10 Gbps, which was the standard at the time.

This project includes the re-design and re-engineering of the backbone network to leverage current technologies to increase the maximum bandwidth of the most heavily utilized backbone links to 100 Gbps and the configuration and deployment of the network equipment required to support the upgrade. The project will focus on those core locations where current network traffic and expected traffic growth is the heaviest. The current preliminary design upgrades eleven core sites. Sites to be upgraded will include all of the core sites in the Baltimore - Annapolis corridor, the Frederick core site, as well as the State's primary cloud services location.

**Project Status:** All tasks associated with the provisioning and installing hardware phase have been completed for the primary locations with the exception of provisioning the backbone links between Equinix and DoIT's two primary Tierpoint data centers. This effort will be completed in Q1 FY21. The detailed design phase, which includes provisioning and installing the equipment to complete the 100GB ring, is currently underway and a final design will be presented for approval in August 2020.

**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:** Any delays which would result in failure to complete the project prior to the expiration of the existing contract.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** None

Information Technology: networkMaryland 100GB Backbone Upgrade (100GB) (#41729)

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	2,041,204	58,796	2,100,000	97.20%
FF				-
RF				-
MITDPF		2,249,796	2,249,796	0.00%
<b>Totals</b>	<b>2,041,204</b>	<b>2,308,592</b>	<b>4,349,796</b>	<b>46.93%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF		2,100,000		2,100,000
FF				-
RF				-
MITDPF			2,249,796	2,249,796
<b>Totals</b>	<b>-</b>	<b>2,100,000</b>	<b>2,249,796</b>	<b>4,349,796</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	58,796					58,796
FF						-
RF						-
MITDPF	2,249,796					2,249,796
<b>Totals</b>	<b>2,308,592</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,308,592</b>



## Information Technology: Maryland OneStop Portal (OneStop) (#41719)

**Project Description:** Maryland currently has over 1,000 forms online spread across State agency websites. Many of these forms are only available to download, complete manually on paper, and return via US mail. There is no inter-agency coordination for license processing, which means that license processing tasks are duplicated many times throughout the State government apparatus. These inefficiencies come at a significant cost burden to the State and result in inconsistent qualities of service to our customers. DoIT plans to convert forms and licenses into electronic forms that enable customers with the ability to complete and submit them online, whether on a home computer, their mobile phones, or tablets. Additionally, the technology will be used to automate a variety of State processes that are currently handled manually or via legacy, or unsupported, technology.

**Project Status:** The project continues to add features to the platform, as well as launch agencies' forms, applications, and licenses onto OneStop. To date, the project has added more than 359 licenses, permits, and applications to the portal. New forms supported for the following agencies:

- Department of Higher Education (MHEC)
- Department of Transportation (MDOT)
- Department of Health (MDH)
- Department of Assessments and Taxation (SDAT)
- Department of Agriculture (MDA)
- Medical Cannabis Commission (MMCC)
- Secretary of State (SoS)

**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 an unresolved payment integration risk. Several forms within the project scope require a payment. The project team is waiting for a payment mechanism, either through current or future contracts, to support the creation of new forms. There is neither a payment mechanism, nor a decision to get a replacement yet.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** None

## Information Technology: Maryland OneStop Portal (OneStop) (#41719)

### Financial Summary

	Project Costs			
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	6,489,128	13,200,000	19,689,128	32.96%
SF				-
FF				-
RF				-
MITDPF				
<b>Totals</b>	<b>6,489,128</b>	<b>18,200,000</b>	<b>24,689,128</b>	<b>26.28%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	4,000,000	6,967,500	2,300,000	<b>13,267,500</b>
SF				-
FF				-
RF				-
MITDPF			5,000,000	<b>5,000,000</b>
<b>Totals</b>	<b>4,000,000</b>	<b>6,967,500</b>	<b>7,300,000</b>	<b>18,267,500</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	4,300,000	5,400,000	3,500,000			<b>13,200,000</b>
SF	-					-
FF						-
RF						-
MITDPF	5,000,000					<b>5,000,000</b>
<b>Totals</b>	<b>9,300,000</b>	<b>5,400,000</b>	<b>3,500,000</b>	-	-	<b>18,200,000</b>

## Labor: Unemployment Insurance Modernization (UIM) (#HB10)

<p><b>Project Description:</b> The MDL, Division of Unemployment Insurance (UI) is modernizing the technology associated with its three 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). The System will be cloud-based and serve the State of Maryland.</p>	
<p><b>Project Status:</b> The project remains significantly behind the original production release schedule due to the poor quality of contractor deliverables and was further impacted by the COVID-19 pandemic. The contractor is currently remediating defects that were found during testing and incorporating changes to the system for the Pandemic Unemployment programs established by the US Department of Labor (USDOL). Round two of testing will begin in August 2020. System go-live is planned for late September 2020.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> The planned go-live for March 2020 did not occur due to the system still being in development while the contractor was working to resolve system changes and defects. Furthermore, the schedule for go-live was impacted by the emergency development and deployment of three new pandemic programs established by USDOL.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> The scope of the project has changed to include three new Pandemic programs established by USDOL to assist unemployed individuals who are unemployed as a result of the COVID 19 pandemic. After a one-year abeyance, West Virginia officially withdrew from the consortium on April 30, 2020. The West Virginia instance of the new product has been removed from the scope of the project.</p>	
<p><b>Risk Assessment:</b> The schedule is very tight and significant effort will be required to meet the September 2020 release. The project is making smaller releases of functionality into the current BEACON One Stop application to minimize some of the risk present when the full system goes live.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV&amp;V Assessments Initiated:</b> 07/17/2017 (completed 12/31/18)</p>

## Labor: Unemployment Insurance Modernization (UIM) (#HB10)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	1,750,000		1,750,000	100.00%
FF	56,464,000	10,815,164	67,279,164	83.92%
RF				-
MITDPF				-
<b>Totals</b>	<b>58,214,000</b>	<b>10,815,164</b>	<b>69,029,164</b>	<b>84.33%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	2,250,000			2,250,000
FF	37,989,527	25,925,070	4,440,478	68,355,075
RF				-
MITDPF				-
<b>Totals</b>	<b>40,239,527</b>	<b>25,925,070</b>	<b>4,440,478</b>	<b>70,605,075</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF						-
FF	6,024,230	4,790,934				10,815,164
RF						-
MITDPF						-
<b>Totals</b>	<b>6,024,230</b>	<b>4,790,934</b>	-	-	-	<b>10,815,164</b>

## MD529: Account Holder Management System (AHMS) (#0829)

**Project Description:** Maryland 529 provides flexible and affordable 529 plans to help Maryland families save for future college expenses and reduce dependence on student loans later. Maryland 529 is an independent State agency that offers two 529 college savings plans; the Maryland Prepaid College Trust (MPCT), which first opened for enrollment in 1998; and, the Maryland College Investment Plan (MCIP), which launched in 2001 and is currently managed by T. Rowe Price. Maryland 529 has been using a single account record system called Banner since 1998 to manage both plans. Banner needs to be replaced due to the lack of support for the system. The support was previously maintained by College Savings Systems of VA (CSS) who terminated the contract on November 30, 2017. As a result, Maryland 529 has initiated a project to procure and implement a replacement for the Banner system.

**Project Status:** The project has completed the solicitation for a program manager who is intended to be responsible for all of the account holder management services. The project maintains the Q1 FY21 release for the RFP, although DoIT is awaiting the opportunity to review the RFP as outlined in the memorandum sent to Maryland 529 on January 9, 2020. The memorandum informed the agency of the appropriate review path for MITDP related RFPs.

**Known / Anticipated Schedule Changes:** The project is more than a year behind schedule. An updated schedule will be established after release of a solicitation, evaluation of proposals, and award of an implementation contract for the replacement system.

**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:** The project remains a high risk due to the delays in drafting the RFP to replace the system. The risk is compounded by the lack of support for the current system and the urgency to modernize.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV&V Assessments Initiated:** None

**MD529: Account Holder Management System (AHMS) (#0829)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	384,702	-	384,702	100.00%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>384,702</b>	<b>-</b>	<b>384,702</b>	<b>100.00%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	1,260,120			1,260,120
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>1,260,120</b>	<b>-</b>	<b>-</b>	<b>1,260,120</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## Office of Attorney General: Case Matter Management System (OAG-CMMS) (#10021)

<p><b>Project Description:</b> This project replaces OAG’s 15-year old case management system. The system no longer meets the needs of the agency as it is inefficient, slow and impedes departmental productivity. The legacy application is also rigid and cannot be adapted to fulfill new business needs. The new CMMS will be web-based, eliminating miscellaneous ways of tracking case information. Data exchange with other applications will be integrated, as will the ability to interact with current applications. New capabilities such as tracking physical files, improved document management and legal conflict checking will be supported. System design will focus on supporting, adapting and simplifying OAG’s multiple business processes. Simpler, more intuitive, and task-oriented user interfaces will improve productivity, while static and ad hoc reporting will be improved. The new CMMS will provide access wherever OAG work is done, thereby enhancing OAG operations, improving employee productivity, and expanding services to external customers and consumers of Maryland.</p>	
<p><b>Project Status:</b> The project rolled out planned functionality to most of the Civil division and plans to complete the rollout by Q3 FY21. Additionally, the project plans to roll out to the Medicaid Fraud and Consumer Protection divisions by Q3 and Q4 FY21 respectively. OAG was unsuccessful in hiring a project manager and has re-submitted another hiring request to DBM. The full-time State resource is expected to undertake both project management and help desk activities to support the project. The project team is working with the STO to create an interface for a secure file transfer supporting case development. The project has experienced delays in developing the required documentation and is working to complete the SDLC documents in FY21.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> Additional delays are anticipated as resource availability continues to be unpredictable.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> Resource constraints continue to be a risk. Additionally, lack of agency acceptance and response to statutory required oversight limits full visibility into the project’s true progress and continues to be a risk.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> None</p>



Office of Attorney General: Case Matter Management System (OAG-CMMS) (#10021)

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	21,568		21,568	100.00%
SF				-
FF				-
RF	812,685	1,150,000	1,962,685	41.41%
MITDPF				-
<b>Totals</b>	<b>834,253</b>	<b>1,150,000</b>	<b>1,984,253</b>	<b>42.04%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	325,000			325,000
SF				-
FF				-
RF	1,775,000	575,000	575,000	2,925,000
MITDPF				-
<b>Totals</b>	<b>2,100,000</b>	<b>575,000</b>	<b>575,000</b>	<b>3,250,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF						-
FF						-
RF	575,000	575,000				1,150,000
MITDPF						-
<b>Totals</b>	<b>575,000</b>	<b>575,000</b>	-	-	-	<b>1,150,000</b>

## Office of the Public Defender: Case Matter Management System (OPD-CMMS) (#20001)

**Project Description:** The OPD will deploy E-Defender, the module of Journal Technologies Incorporated's COTS legal case management application customized for Public Defender offices. It is a web-based application that leverages Microsoft SQL Server and is being tailored to meet OPD's business and technical requirements.

**Project Status:** The project decided to accelerate the rollout of E-Defender in Q4 FY20 in order to mitigate security concerns posed by the continued usage of the legacy case management system. OPD successfully rebuilt their network infrastructure, installed a new virtual private network and provisioned Amazon Web Services instances, all in preparation for the accelerated rollout. In June, the system and its core set of functionalities were deployed to a small group of users across all districts with adequate training and support processes in place. Approximately 300 user accounts have been provisioned and over 3500 cases have been entered into the system so far. In FY21, the project plans to complete implementation by rolling out the system to the remaining estimated 700 agency users, configure additional workflows, complete data migration, and integrate with the Judiciary's Judicial Informational Services (JIS) application.

**Known / Anticipated Schedule Changes:** The agreement with the Judiciary to integrate with JIS for data pulls and e-filing is not yet finalized, which may impact the implementation timeline.

**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:** No project risks to report at this time. The project is currently low risk.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** None

**Office of the Public Defender: Case Matter Management System (OPD-CMMS) (#20001)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	41,027	1,893,500	1,934,527	2.12%
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>41,027</b>	<b>1,893,500</b>	<b>1,934,527</b>	<b>2.12%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	1,206,000	556,000	787,500	2,549,500
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>1,206,000</b>	<b>556,000</b>	<b>787,500</b>	<b>2,549,500</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	1,287,500	606,000				1,893,500
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>1,287,500</b>	<b>606,000</b>	-	-	-	<b>1,893,500</b>

## Public Safety and Correctional Services: Drone Detection and Response System (Drones) (#P015)

**Project Description:** The DPSCS is implementing a drone detection system to mitigate unlawful entry of contraband into the State of Maryland Prison System. While there is interest in including a response component to this initiative, the primary objective of this project is drone detection and not response. The project was initiated as a two phased approach, with the first being a sole source contract to define the requirements of the system and development of an RFP, and the second, to procure a contractor to deliver and implement a system. Project scope was expanded to address an increase in the number of correctional facilities protected by drone detection technology and the inclusion of future response capabilities to ensure compliance with Federal and State guidelines.

**Project Status:** DPSCS released a solicitation in Q4 FY20 for the procurement of a drone detection system. The scope of the solicitation was expanded to include 25 correctional facilities across the State. Responses to the solicitation are due in Q1 FY21. DPSCS anticipates proposal evaluations beginning Q1 FY21 with an award recommendation in Q2 FY21.

**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:** The initial scope was expanded from a limited pilot implementation to include 25 correctional facilities, subject to available funding.

**Risk Assessment:** No project risks to report at this time.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** None

**Public Safety and Correctional Services: Drone Detection and Response System (Drones) (#P015)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	212,442	2,597,558	2,810,000	7.56%
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>212,442</b>	<b>2,597,558</b>	<b>2,810,000</b>	<b>7.56%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	2,810,000			<b>2,810,000</b>
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>2,810,000</b>	-	-	<b>2,810,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	2,597,558					<b>2,597,558</b>
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>2,597,558</b>	-	-	-	-	<b>2,597,558</b>

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

<p><b>Project Description:</b> The DPSCS, Information Technology and Communications Division (ITCD) is in the process of replacing the obsolete CCH mainframe system. The legacy system, which includes the Ident/Index and Arrest Disposition Reporting (ADR) mainframe systems, will be replaced with an enhanced solution that allows for the provisioning of timely, updated offender information to Local Law Enforcement, Community Supervision Programs, and other DPSCS constituents. The new system will provide effective monitoring, rehabilitation, and Case Management of offenders within these programs, providing timesaving processes that eliminate manual processes while providing consolidated information within a single data system.</p>	
<p><b>Project Status:</b> DPSCS issued an RFP and has completed the evaluation of proposals. Given COVID-19 restrictions, the evaluation period was lengthened to accommodate product demonstrations. The demonstrations were completed in Q4 FY20, and DPSCS has requested qualifying offerors the opportunity to submit Best and Final Offers to DPSCS. DPSCS anticipates submitting a recommendation for award in Q1 FY21.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> Due to delays in the procurement process for the new CCH, a \$2.3M Federal grant originally allocated to this project expired. DPSCS is seeking alternative funding sources to mitigate the deficit created by the loss of the grant.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> None</p>

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

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	267,544	10,215,143	10,482,687	2.55%
SF				-
FF	562,385	-	562,385	100.00%
RF				-
MITDPF				-
<b>Totals</b>	<b>829,930</b>	<b>10,215,143</b>	<b>11,045,073</b>	<b>7.51%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	3,256,453		1,774,720	5,031,173
SF				-
FF	2,300,000	(1,737,615)		562,385
RF				-
MITDPF				-
<b>Totals</b>	<b>5,556,453</b>	<b>(1,737,615)</b>	<b>1,774,720</b>	<b>5,593,558</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	4,763,629	2,866,514	2,585,000			10,215,143
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>4,763,629</b>	<b>2,866,514</b>	<b>2,585,000</b>	-	-	<b>10,215,143</b>

## Public Safety and Correctional Services: Electronic Patient Health Record (EPHR) (#1740)

<p><b>Project Description:</b> The DPSCS is in the process of replacing the outdated EPHR with a new and more robust system to address the needs Division of Correction (DOC), Division of Parole and Probation (DPP), the Office of Inmate Health Services (OIHS), and the Information Technology and Communications Division (ITCD). The Department intends to acquire and deploy an internet hosted and highly customizable ambulatory application that provides a customizable user interface given the complex workflows and specialties required by the Department. The application must also provide the facility for an automated Electronic Medication Administration Records (EMAR) system with a scheduling system that interfaces with internal systems and external vendors. The new system must comply with legal requirements as outlined in Duvall v O’Malley case, and provide DPSCS a comprehensive, primary, secondary, and specialty health services EPHR, as well as providing inpatient services, utilization management, and social work mental health services that yield generally accepted standards of care.</p>	
<p><b>Project Status:</b> DPSCS re-released the RFP for the EPHR procurement in Q4 FY20 with amended requirements as stated in the mid-year (MY) Report. The evaluation team is in the process of evaluating proposals and anticipates making a recommendation for award in Q2 FY21.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> The project encountered delays during the technical evaluation of proposed solutions. No additional schedule changes are anticipated at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> While changing the deployment model from an on-premise COTS to a cloud-based implementation reduces the implementation risk, limited availability of technical personnel increases the implementation risk. It is recommended that resources be fully conversant with the new application and provide integration guidance on the Department’s systems and business processes.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> None</p>



**Public Safety and Correctional Services: Electronic Patient Health Record (EPHR) (#1740)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	790,554	20,624,268	21,414,822	3.69%
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>790,554</b>	<b>20,624,268</b>	<b>21,414,822</b>	<b>3.69%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	7,280,000	1,500,000	50,000	8,830,000
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>7,280,000</b>	<b>1,500,000</b>	<b>50,000</b>	<b>8,830,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	2,219,446	14,659,900	3,744,922			20,624,268
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>2,219,446</b>	<b>14,659,900</b>	<b>3,744,922</b>	-	-	<b>20,624,268</b>

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

**Project Description:** The Maryland Correctional Enterprises (MCE) intends to replace its legacy application with a new Enterprise Resource Planning (ERP) solution. The new solution will modernize and automate manual processes that result in delays in accounts payables, accounts receivables, along with delays in other financial workstreams. The new application will provide a centralized system to address the current limitations of decoupled processes and systems by providing automated tools that will replace manual and inefficient business processes.

**Project Status:** The project onboarded a new project manager in Q4 FY20 and a new schedule is in development for implementing a COTS solution. The project team engaged other correctional enterprises across the US via DoIT's Office of Enterprise Applications, to assess possible solutions for use at MCE. The research concluded with a report that includes application reviews/interviews from executives from Alabama, Idaho, Ohio, Michigan, and Washington. The outcome of this research resulted in the identification of a possible solution that can be acquired via an Intergovernmental Cooperative Purchasing Agreement (ICPA).

**Known / Anticipated Schedule Changes:** A new schedule has been developed which tracks an accelerated timeline, focused on the implementation of a known and proven COTS ERP Manufacturing solution currently in use at other US correctional enterprises. The project schedule will be finalized once the procurement strategy for an Intergovernmental Cooperative Purchasing Agreement (ICPA) and sole source strategy has been approved.

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

**Known / Anticipated Scope Changes:** Scope contraction is anticipated due to an expected reduced level of effort.

**Risk Assessment:** Through the use of the ICPA, the project timeline is reduced, thereby reducing the risk of business continuity interruption due to failure of the current AS/400 MAPICS system. The planned use of an Enterprise Managed Services cloud solution, minimizes implementation risk, shortens project's deployment schedule, and reduces the demand for on-premise personnel support.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** None

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

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	999,280	1,381,107	2,380,387	41.98%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>999,280</b>	<b>1,381,107</b>	<b>2,380,387</b>	<b>41.98%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	4,240,384	500,000	1,250,000	5,990,384
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>4,240,384</b>	<b>500,000</b>	<b>1,250,000</b>	<b>5,990,384</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	1,381,107					1,381,107
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>1,381,107</b>	-	-	-	-	<b>1,381,107</b>

**Public Safety and Correctional Services: Maryland Automated Fingerprinting Identification System (MAFIS)  
(#1790)**

<p><b>Project Description:</b> The DPSCS is planning to replace the current outdated fingerprinting system with a more robust system. The current system has not been supported since June 2019. The new MAFIS will have enhanced requirements for the processing capabilities, record storage and management capacity of the system, to support the continued growth of the identification databases, and identification-processing workload. MAFIS is used to perform fingerprint searches on individuals taken into custody by law enforcement and charged with an arrestable offense and is used by other agencies as well. Searches are completed via MAFIS for applicants requiring background checks for non-criminal justice purposes, and for latent prints collected at crime scenes.</p>	
<p><b>Project Status:</b> MAFIS production hardware was deployed in Q3 FY20, after corrective measures were implemented to address contract compliance and delivery quality concerns. The new MAFIS application is scheduled for release in Q1 FY21. Progress has been made on documenting business processes and workflows, along with steps towards instantiating a new production database. The project is making progress readying the new application codebase for deployment in Q1 FY21.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> Two primary risks are deliverable quality and schedule compliance. These two concerns are being addressed and mitigated following the assignment of a new project manager in Q1 FY21.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> None</p>

**Public Safety and Correctional Services: Maryland Automated Fingerprinting Identification System (MAFIS)  
(#1790)**

**Financial Summary**

Project Costs					Project Funding				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020	Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	351,699	1,381,389	1,733,087	20.29%	GF	2,180,000	800,000	1,420,000	4,400,000
SF				-	SF				-
FF	1,590,172	2,009,828	3,600,000	44.17%	FF	3,600,000			3,600,000
RF				-	RF				-
MITDPF				-	MITDPF				-
<b>Totals</b>	<b>1,941,870</b>	<b>3,391,217</b>	<b>5,333,087</b>	<b>36.41%</b>	<b>Totals</b>	<b>5,780,000</b>	<b>800,000</b>	<b>1,420,000</b>	<b>8,000,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	500,200	881,189				1,381,389
SF						-
FF	2,009,828					2,009,828
RF						-
MITDPF						-
<b>Totals</b>	<b>2,510,028</b>	<b>881,189</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,391,217</b>

## Public Safety and Correctional Services: Learning Management System Replacement (LMSR) (#1720)

**Project Description:** The DPSCS' Police and Correctional Training Commissions (PCTC) department is in the process of implementing a new Learning Management System. The Department provides regulatory oversight of entry level training, ongoing in-service training, and certification of the sworn public safety professionals in the State of Maryland. The new LMS replaces the legacy system that has serviced public safety professionals for the last 20 years. It will track public safety professional's certification throughout their careers, as well as: original certification or recertification, separation of employment, changes in officer status, promotion/demotion, name change, instructor certification, and transfers. In addition to tracking a public safety professional's training and certification history, the system will also be used to: respond to public disclosure requests, create custom and standard reports, track course/class information history, scheduling and student attendance (Academy and in-service classes) history, firearms qualification records, law enforcement agency information, agency contact information, and instructor certification and training area expertise information.

**Project Status:** The PCTC is developing an RFP to acquire a COTS solution, while concurrently evaluating alternative procurement vehicles and cooperative purchasing contracts to identify the most efficient procurement strategy. The project was delayed due to other procurements taking priority. DPSCS is now working to refine the system requirements and the RFP.

**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:** The legacy system in use has multiple interdependencies requiring integration with DPSCS' core infrastructure. The complexity of the legacy system and the lack of full system documentation increases the risk to integration of newer components as they may impact functionality of existing stored procedures, web service calls, and other legacy system integration processes not yet identified. It is recommended that the agency identify a primary set of focused requirements.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** None

Public Safety and Correctional Services: Learning Management System Replacement (LMSR) (#1720)

**Financial Summary**

Project Costs					Project Funding				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020	Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-	GF				-
SF	14,923	1,985,000	1,999,923	0.75%	SF			1,000,000	1,000,000
FF				-	FF				-
RF				-	RF				-
MITDPF				-	MITDPF				-
<b>Totals</b>	<b>14,923</b>	<b>1,985,000</b>	<b>1,999,923</b>	<b>0.75%</b>	<b>Totals</b>	<b>-</b>	<b>-</b>	<b>1,000,000</b>	<b>1,000,000</b>
<b>Out Year Cost Detail</b>									
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs			
GF						-			
SF	985,000	1,000,000				1,985,000			
FF						-			
RF						-			
MITDPF						-			
<b>Totals</b>	<b>985,000</b>	<b>1,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,985,000</b>			

## State Retirement and Pension Systems: Business Process Reengineering and Support Technology (MPAS-3) (#4001)

**Project Description:** This major initiative will re-engineer business operations in the Agency’s retirement administration and associated finance functions, implementing supporting technologies to enhance efficiency and member service. MPAS-3 will also redefine interactions with participants (active, vested, and retirees/beneficiaries), employers, and other external parties, thereby improving and automating workflow, extending and expanding secure transactional services over the Internet, replacing current batch-oriented and paper-centric functions with online real-time update, implementing new customer relationship management and document management applications, and integrating existing stand-alone systems. This generational change will selectively leverage contemporary commercial software applications and technology service offerings, with concomitant staff re-organization and training, to result in significant improvements in Agency service levels and timeliness of delivery and response.

**Project Status:** Microsoft’s Dynamics 365 CRM and the “mySRPS” secure member portal have been integrated and went into production in Q3 FY20, along with Office 365, SecureAuth for authentication, Cloudflare for the web application firewall, and new IT security tools. Identity proofing is in the procurement process and will enable more transactions to be incorporated into mySRPS. Procurement delays and the COVID-19 pandemic slowed down the rollout of mySRPS to members and retirees, but the enrollment continues. Overall, planned work remains on budget and a revised schedule, with delays of six months expected.

**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:** No project risks to report at this time.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** None



**State Retirement and Pension Systems: Business Process Reengineering and Support Technology (MPAS-3)  
(#4001)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	8,248,173	1,702,377	9,950,550	82.89%
FF				-
RF	4,208,143	866,783	5,074,926	82.92%
MITDPF				-
<b>Totals</b>	<b>12,456,316</b>	<b>2,569,160</b>	<b>15,025,476</b>	<b>82.90%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	6,788,296	4,185,664	1,272,904	12,246,864
FF				-
RF	3,590,185	2,080,746	623,096	6,294,027
MITDPF				-
<b>Totals</b>	<b>10,378,481</b>	<b>6,266,410</b>	<b>1,896,000</b>	<b>18,540,891</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	1,251,360	451,017				1,702,377
FF						-
RF	644,640	222,143				866,783
MITDPF						-
<b>Totals</b>	<b>1,896,000</b>	<b>673,160</b>	-	-	-	<b>2,569,160</b>

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

**Project Description:** The ALRTS project involves the automation and streamlining of the regulated firearms processes. This includes automating the 77R (Application for Purchase of a Regulated Firearm) by replacing the multiple-page carbon paper application with a web accessible smart form submitted electronically to the Licensing Division of MSP. The ALRTS project will also automate the process by which a retailer becomes a Maryland licensed firearms dealer. The modernized system replaces the legacy Lotus Domino-based system used by Professional Licensing. The online MSP licensing portal will greatly reduce the time it takes for an applicant to apply, provide efficiencies to Maryland firearm Dealers and handgun instructors, and streamline processes within the Licensing Division.

**Project Status:** The Handgun Permit process was completed in Q2 FY20 and the next phase of the project, Professional Licensing, inclusive of nine license types, is forecast to be completed by January 2021. Requirements are complete and development has begun. The project team anticipates restarting development of electronic Machine Gun Registration by December 2020 to have it in production before Annual Machine Gun Registration in May 2021, and then start automation of the Regulated Firearm Dealer Registration process.

**Known / Anticipated Schedule Changes:** The project was delayed approximately two months due to the Governor’s order to allow expiration forgiveness on State-issued licenses/permits which required updating the system.

**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:** No project risks to report at this time.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**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 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	3,821,266	1,550,000	5,371,266	71.14%
SF				-
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>3,821,266</b>	<b>1,550,000</b>	<b>5,371,266</b>	<b>71.14%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	7,225,000	500,000	315,000	8,040,000
SF				-
FF	584,400			584,400
RF				-
MITDPF				-
<b>Totals</b>	<b>7,809,400</b>	<b>500,000</b>	<b>315,000</b>	<b>8,624,400</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	750,000	500,000	300,000			1,550,000
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>750,000</b>	<b>500,000</b>	<b>300,000</b>	-	-	<b>1,550,000</b>

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

**Project Description:** The 700 MHz project will replace several outdated agency radio systems with a new state-of-the-art voice and data communications system for first responders and public services agencies. The existing systems are aging and employ outdated analog technology which relies on software patches to maintain interoperability. The new system will allow a trunked, digital system and interoperability that is easier to achieve, and allows a common use language built to Project 25 (P25) standards. New infrastructure will be designed and built to meet current and future communications system requirements of the State and participating local government agencies. The new system will provide communication capability between State agencies and local jurisdictions.

**Project Status:** The project is on schedule to complete Phase 5 (Southern MD and National Capital Region (NCR)) in FY21. This is the final phase of the Statewide implementation and consists of five counties which are to be completed concurrently. Phase 5 counties include Charles, Calvert, St. Mary's, Prince George's and Montgomery. Phase 4 will be fully operational with the completion of the Table Rock tower site in Garrett County which is currently under construction and targeted to be complete in September 2020. The project completed its last MITDP subscriber radio purchase in FY20 with the procurement of radios for DNR. The MITDP portion of the project will close in FY21, with the DoIT Capital Project ongoing and budgeted through FY25.

**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:** No project risks to report at this time.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**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 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	42,167,677	50,000	42,217,677	99.88%
SF	5,371,586		5,371,586	100.00%
FF				-
RF				-
MITDPF	23,125,358		23,125,358	100.00%
<b>Totals</b>	<b>70,664,621</b>	<b>50,000</b>	<b>70,714,621</b>	<b>99.93%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	43,508,634			43,508,634
SF	5,371,586			5,371,586
FF				-
RF				-
MITDPF	23,125,358		-	23,125,358
<b>Totals</b>	<b>72,005,578</b>	-	-	<b>72,005,578</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF	50,000					50,000
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>50,000</b>	-	-	-	-	<b>50,000</b>

## State Treasurer Office: Financial Systems Modernization (FSM) (#1800)

**Project Description:** IBM had designated an end-of-service date of December 31, 2018 for STO's midrange AS400/i5 Treasury Management System and Insurance Management System. The AS400/i5 is the core financial interface system and is a mission critical agency system allowing the Treasurer's Office to meet its constitutional and statutory responsibilities to disburse funds as warranted by the Comptroller's Office. In addition, this system is used for daily cash flow management and reconciliation functions, ACH and wire transfers for Statewide receipts and disbursements, investment of State funds, daily budget and accounting functions, and overall claims management processing and recordkeeping. This project will replace the current system with a cloud-based Microsoft ERP financials and Azure custom insurance management applications, as well as banking conversion to Wells Fargo per the Statewide master depository conversion project.

**Project Status:** Management of the project was transitioned to a new project manager and the coordinator role transitioned from the Budget & Finance division to the IT division in March. Despite the transition, and response to the Executive Orders related to COVID-19, the project successfully released Dynamics 365 Finance and Operations (F&O) in Q4 FY20. The Azure environment was also expanded to include a user acceptance testing environment. The project successfully deployed the new system in June and enhancements are scheduled for FY21. Impacts related to the COVID-19 response have delayed full i5 conversion which is expected to be completed in Q1 FY21. The solution is operational and public users are submitting Insurance Notice of Claims forms. Review of the enhancements are ongoing to determine if additional development is required. If FY22 enhancements require development, operations and maintenance will be delayed.

**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. However, should additional development materialize during the Phase 2 project plan update, the STO will consult with DoIT.

**Risk Assessment:** The statewide banking conversion to Wells Fargo is the most significant risk to completely transition off of the i5. Completion of the conversion was directly impacted by the COVID-19 response due to the need of remote work for state employees.

Any future budget adjustments related to the COVID-19 response and other state projects that require STO resources could further impact transitioning off the i5 completely.

**Portfolio Review / Health Assessment Held: 06/18/2020**

**IV&V Assessments Initiated: None**

## State Treasurer Office: Financial Systems Modernization (FSM) (#1800)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF	5,239,995		5,239,995	100.00%
SF	653,161	1,010,808	1,663,969	39.25%
FF				-
RF	944,762	2,145,751	3,090,513	30.57%
MITDPF				-
<b>Totals</b>	<b>6,837,918</b>	<b>3,156,559</b>	<b>9,994,477</b>	<b>68.42%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF	2,962,590	1,252,045	1,025,360	5,239,995
SF	278,300	412,535	290,196	981,031
FF				-
RF	973,640	1,401,055	715,818	3,090,513
MITDPF				-
<b>Totals</b>	<b>4,214,530</b>	<b>3,065,635</b>	<b>2,031,374</b>	<b>9,311,539</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	1,010,808					1,010,808
FF						-
RF	2,145,751					2,145,751
MITDPF						-
<b>Totals</b>	<b>3,156,559</b>	-	-	-	-	<b>3,156,559</b>



**Transportation: Authority: Automatic Fare Collection System Upgrade and Migration (AFCS) (#0105)**

<p><b>Project Description:</b> Maryland Transit Administration (MTA) Office of Fare Collection System and Services will upgrade and refresh the MTA AFCS to a stand-alone, self-sustaining system with a cloud-hosted backend 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(NF4) to NextFare 7 (NF7), provision of an integrated Customer Web Portal, IVR and CRM Software to support MVA’s inter-agency call center, updated CharmCards, and separation from the Washington Metropolitan Area Transit Authority (WMATA) regional fare collection system.</p>	
<p><b>Project Status:</b> Due to budget constraints, the AFCS project was cancelled during the final testing phase. The project completed testing in Q2 FY20 and was working to close out defects related to Web Portal and CRM software, Card Reader software, and Credit Payment software. Final project documentation will be collected for the DoIT closeout process to occur. The project will no longer be included in future reporting.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> No project risks to report at this time.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> None</p>

**Transportation: Authority: Automatic Fare Collection System Upgrade and Migration (AFCS) (#0105)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	3,784,666		3,784,666	100.00%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>3,784,666</b>	-	<b>3,784,666</b>	<b>100.00%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	3,760,931	1,228,069		<b>4,989,000</b>
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>3,760,931</b>	<b>1,228,069</b>	-	<b>4,989,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	-	-	-	-	-	-

## Transportation: Authority: Electronic Toll System 3rd Generation (ETC3G) (#0041)

**Project Description:** The ETC3G program consists of two projects. First is the Customer Service Center (CSC) which will provide for a new set of Systems and Services to manage EZ-Pass accounts. It will include software, host computers, call center, IVR, Web site, and web services. The project also includes a 2-year build phase, a 90-day performance evaluation phase, up to ten years of operations services and maintenance, and up to one year of transition support. The call center will be built within Maryland, populated with all necessary equipment and operated for the duration of the contract. Call center operations include 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. This will replace all 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 phase, 90-day performance and up to ten 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 processing. Both projects also have a phase out period of up to one year at the end of the contract.

**Project Status:** Factory acceptance testing (FAT) was completed per the original terms of the contract. However, a number of additional requirements were added which now require additional FAT testing in an event tagged FAT deferred items (FAT-D). MTA and TransCore are working to finalize an agreement on these items in a Deferred Items Letter. The FAT-D event is expected to start in Q4 FY20 (June 24th). Go-live of the CSC software application is slated for August 2020. In addition, ETC3G continues to work with MVA for testing vehicle plate flagging on pay transaction violations and interface proof package testing.

**Known / Anticipated Schedule Changes:** The CSC software is delayed a month due to data migration and new system requirements added to the project.

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

**Known / Anticipated Scope Changes:** The Maryland Department Authority (MDTA) implemented temporary all-electronic tolling statewide in March as part of its COVID-19 response, and made all electronic toll permanent the Bay Bridge (US 50/301) in May with the installation of a new tolling gantry. In addition, the SAFARI search engine was added to the Mobile App list of needed search engines for MDTA Employees.

**Risk Assessment:** Based on the new electronic (only) toll transaction, the CSC system needs to be able to ingest and process data at a faster rate than the current system. As a result, the ETC3G has been working with the contractor to increase transaction speed data processes using system throughput analysis during system integration testing. Data rates, Toll rates, video toll images, are all being evaluated against the new criteria.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** None

**Transportation: Authority: Electronic Toll System 3rd Generation (ETC3G) (#0041)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	57,432,000	48,745,309	106,177,309	54.09%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>57,432,000</b>	<b>48,745,309</b>	<b>106,177,309</b>	<b>54.09%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	24,453,746	41,363,223	36,251,483	<b>102,068,452</b>
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>24,453,746</b>	<b>41,363,223</b>	<b>36,251,483</b>	<b>102,068,452</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	30,745,309	18,000,000				<b>48,745,309</b>
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>30,745,309</b>	<b>18,000,000</b>	-	-	-	<b>48,745,309</b>

### Transportation: Motor Vehicle: Customer Connect (#0688)

<p><b>Project Description:</b> Customer Connect, formerly known as “Project Core,” is an enterprise-wide project with an emphasis on modernizing the MVA’s (the Administration) information technology 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. Customer Connect will address and serve as the base architecture for replacing the existing Titling and Registration System (TARIS) and other Administration legacy systems. Customer Connect will also provide a platform for development of new applications. The project includes document imaging, vehicle, drivers, and business licensing, insurance, external interfaces, and data quality.</p>	
<p><b>Project Status:</b> MVA Customer Connect (EMS C) software testing concluded in Q3 FY20 with the exception of interface testing which concluded in Q4 FY20. Go-live and deployment planning activities started in Q4 FY20 with daily check-ins between MVA Senior leadership, MVA Foundations team and the contractor support team. Due to COVID-19 redirection, there was a two-week delay in training. However, all the required training sessions were eventually delivered using Microsoft TEAMS as an online training platform. In Q1 FY21 a go live is anticipated for Rollout 1 of the Customer Connect application. Rollout 2 is projected for FY22.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> No project risks to report at this time.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> None</p>

## Transportation: Motor Vehicle: Customer Connect (#0688)

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	42,175,937	36,019,000	78,194,937	53.94%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>42,175,937</b>	<b>36,019,000</b>	<b>78,194,937</b>	<b>53.94%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	31,071,110	25,042,000	14,943,855	71,056,965
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>31,071,110</b>	<b>25,042,000</b>	<b>14,943,855</b>	<b>71,056,965</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	15,444,000	12,529,000	8,046,000			36,019,000
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>15,444,000</b>	<b>12,529,000</b>	<b>8,046,000</b>	-	-	<b>36,019,000</b>

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

<p><b>Project Description:</b> The purpose of the CIS project is to analyze the existing material and supplies inventory processes at MDOT SHA, supported by the Office of Finance, in order to develop a consolidated consumable inventory application. The CIS will replace an outdated system currently in use.</p>	
<p><b>Project Status:</b> In Q4 FY20, the SHA CIS project manager brought on board a Microsoft Dynamics subject matter expert to assist the agency with implementing Microsoft Dynamics 365 for Finance and Operations (MS Dynamics (F&amp;O)) application. This application will be configured and customized to meet the SHA CIS inventory requirements. The project recently received user licenses for Microsoft Dynamics and the team has started to create designs that will be leveraged during the configuration activities. The current schedule has a Q2 FY22 go-live date.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> No project risks to report at this time.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> None</p>



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

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	3,495,401	1,014,403	4,509,804	77.51%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>3,495,401</b>	<b>1,014,403</b>	<b>4,509,804</b>	<b>77.51%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	2,678,989	816,412	159,230	<b>3,654,631</b>
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>2,678,989</b>	<b>816,412</b>	<b>159,230</b>	<b>3,654,631</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	159,230	154,773	700,400			<b>1,014,403</b>
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>159,230</b>	<b>154,773</b>	<b>700,400</b>	-	-	<b>1,014,403</b>

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

**Project Description:** The project provides for a state-of-the-art suite upgrade and unification of on-board bus equipment by integrating all of these bus on-board systems the MTA will be able to capture real time information captured in all of these systems. This will allow the MTA to better manage its fleet of buses and schedules. The unified components will be provided on 690 buses encompassing all models from 2005-2018. The unification of the transit architecture will help to streamline MTA’s operations and maintenance (O&M), and standardize methods, architecture, and operations.

**Project Status:** BUS USA completed several major milestones in FY20, the development of the New Announcements capability for all the route patterns and bus stops, trained over 750 operators, deployed new Computer Aided Dispatching workstations, deployed new reporting software for remote fault code reading, and advanced performance analysis for the fleet, routes and operators. Mini-fleet Bus installation was also completed on 13 vehicles. The project is behind schedule in completing Mini Fleet Bus inspections due to COVID-19 related travel restrictions. Adjustments to personnel work schedules have been made and the project is now following a COVID-19 compliant safety protocol to complete the mini-fleet inspections and production installs in Q1 FY21.

**Known / Anticipated Schedule Changes:** Contractor and MTA agreed to a no cost time extension. The project is now scheduled for completion in Q3 FY21.

**Known / Anticipated Cost Changes:** Change orders will go before the Board of Public Works in September 2020.

**Known / Anticipated Scope Changes:** BUS USA project reduced the quantity of buses to 690, thereby reducing the number of existing buses that would be taken out of service for the new software upgrade.

**Risk Assessment:** No project risks to report at this time.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** None

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

### Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	25,496,132	12,671,604	38,167,736	66.80%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>25,496,132</b>	<b>12,671,604</b>	<b>38,167,736</b>	<b>66.80%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	37,476,000	14,687,000	11,952,604	64,115,604
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>37,476,000</b>	<b>14,687,000</b>	<b>11,952,604</b>	<b>64,115,604</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	11,952,604	719,000				12,671,604
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>11,952,604</b>	<b>719,000</b>	-	-	-	<b>12,671,604</b>

**Transportation: Transit: Claims Management System (Claims) (#2050)**

<p><b>Project Description:</b> The MDOT MTA is seeking to implement a new Claims Management System to manage claims derived from accidents and incidents on MTA’s transit system. This includes, tracking litigation, making and managing payments to claimants, vendors, attorneys, and insurance companies, tracking escrow payments, and providing numerous reports regarding insurance and claims. The objective of the project is to deploy a scalable solution leveraging robust application programming technologies, which will result in increased productivity and service quality.</p>	
<p><b>Project Status:</b> The project successfully implemented the CLAIMSVISION software application in Q4 FY20. During the go-live, the project had minor issues related to restricted access to MDOT Internet Protocol (IP) addresses, but these have been resolved. The project is in the operations and maintenance (O&amp;M) phase and is working with the vendor to close out post go live issues and improve software adoption by MTA Claims resources. The project will close in March of FY21.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> No project risks to report at this time.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> None</p>

**Transportation: Transit: Claims Management System (Claims) (#2050)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	667,948	1,177,000	1,844,948	36.20%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>667,948</b>	<b>1,177,000</b>	<b>1,844,948</b>	<b>36.20%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	1,285,000	605,000	250,000	2,140,000
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>1,285,000</b>	<b>605,000</b>	<b>250,000</b>	<b>2,140,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	750,000	427,000				1,177,000
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>750,000</b>	<b>427,000</b>	-	-	-	<b>1,177,000</b>

## Transportation: TSO: Capital Management and Programming System (CMAPS) (#0103)

**Project Description:** MDOT will develop a new system to manage capital projects and develop the annual MDOT Consolidated Transportation Program (CTP) budget. MDOT and its Transportation Business Units (TBUs) / Authorities - Maryland Aviation Administration; Maryland Port Administration; Motor Vehicle Administration; Maryland Transit Administration; State Highway Administration; and the Maryland Transportation Authority - currently utilize the MDOT Capital Programming Management System (CPMS) to manage, budget, forecast and report on the capital program. CPMS was developed in 1998 on a Microsoft (MS) Access Database Management System (DBMS) platform that has reached the end of its useful life. Recent loss of some functionality as well as security and maintenance challenges have also brought to light the need for a more modern and robust replacement system with increased capability and reliability.

**Project Status:** The CMAPS application was successfully deployed in Q2 FY20. The first rollout was for the Capital Programming staff throughout MDOT, while subsequent rollouts were phased deployments to each of the MDOT TBUs including SHA capital planners. CMAPS is currently in the operations and maintenance (O&M) phase and continues to work with the TBUs to capture requests for changes and improvements as part of their change and configuration management process. All of the severity one and two defects were fixed and moved to the production environment as part of the first O&M phased rollout.

**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:** No project risks to report at this time.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** None

**Transportation: TSO: Capital Management and Programming System (CMAPS) (#0103)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	4,502,578	179,167	4,681,745	96.17%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>4,502,578</b>	<b>179,167</b>	<b>4,681,745</b>	<b>96.17%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	7,488,031	1,665,000	486,000	9,639,031
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>7,488,031</b>	<b>1,665,000</b>	<b>486,000</b>	<b>9,639,031</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	179,167					179,167
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>179,167</b>	-	-	-	-	<b>179,167</b>

**Transportation: TSO: Electronic Human Resources System (EHR) (#J0041)**

<p><b>Project Description:</b> The purpose of this project is to implement a new SaaS Human Resources Information System (M.EHR) for the MDOT. M.EHR will provide a single, integrated platform for managing and handling recruiting, hiring, employee records, benefits, payroll, time and attendance, compensation, employee relations, training and development, performance management, compliance, reporting, and organizational design for all MDOT business units. M.EHR will be developed using an Agile approach and workflows will route electronic documents and notifications across the organization and automate approvals, when needed. Automation and a consistent platform are expected to increase the efficiency and effectiveness of the organization.</p>	
<p><b>Project Status:</b> Due to budget constraints the project was cancelled in Q4 FY20, while still in the procurement phase. There are no outstanding project closeout activities. A cancellation/closeout letter was provided to MDOT from DoIT. This project will no longer be included in future reporting.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> No project risks to report at this time.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV &amp; V Assessments Initiated:</b> None</p>



**Transportation: TSO: Electronic Human Resources System (EHRS) (#J0041)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	49,706	-	49,706	100.00%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>49,706</b>	<b>-</b>	<b>49,706</b>	<b>100.00%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	700,000	4,725,000	3,042,000	<b>8,467,000</b>
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>700,000</b>	<b>4,725,000</b>	<b>3,042,000</b>	<b>8,467,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF						-
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## Transportation: Motor Vehicle: Customer Traffic Management (CTM) (#80721)

**Project Description:** The MDOT MVA plans to modernize the existing CTM System with a comprehensive, customer traffic management and reporting solution. The CTM will track interactions with MDOT MVA customers who are required to come into a branch office complete driver and vehicle service transactions. MDOT MVA is looking for a customizable, state of the art and commercially available application that provides both linear and mobile queuing options and supports the use of personal wireless devices and other web enabled platforms.

**Project Status:** The CTM project manager worked with DoIT and MDOT procurement to release the CTM RFP in April of FY20. Prior to the release, the CTM project manager coordinated interface discussions with MVA Customer Connect (EMS C) to ensure that data requirements from the new Customer Connect system would support the Customer Wait Capabilities highlighted in the proposed CTM application.

**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:** The CTM system replacement will need to be in place within the third quarter of calendar year 2021 so that coordinated interface testing between both programs, CTM and Customer Connect, can take place. If there are any delays in the contractor selection, the timing of interface testing will need to be reevaluated.

**Portfolio Review / Health Assessment Held:** 06/18/2020

**IV & V Assessments Initiated:** None

**Transportation: Motor Vehicle: Customer Traffic Management (CTM) (#80721)**

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	45,982	7,180,000	7,225,982	0.64%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>45,982</b>	<b>7,180,000</b>	<b>7,225,982</b>	<b>0.64%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	50,000		1,800,000	<b>1,850,000</b>
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>50,000</b>	-	<b>1,800,000</b>	<b>1,850,000</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	1,800,000	3,150,000	2,230,000			<b>7,180,000</b>
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>1,800,000</b>	<b>3,150,000</b>	<b>2,230,000</b>	-	-	<b>7,180,000</b>

**Workers Compensation Commission: Workers Compensation Commission Enterprise Modernization (WCCEM)  
(#2002)**

<p><b>Project Description:</b> The WCC’s EM project is the modernization of an aging and complex system. It is coupled with an enterprise modernization of business processes to achieve a paperless administration of the provisions of the Maryland Workers’ Compensation Law. Current WCC systems have been in place for more than a decade and are difficult to maintain and update in a timely manner. Also, there are multiple operating systems, programming languages, and databases operating on multiple platforms and under multiple operating systems. While WCC is able to perform its mission, it is increasingly cost-ineffective to do so. Through the EM Project, not only will WCC develop new software that will operate on a single operating system with a single database environment, it will also modernize business processes with the goal to automate as many of the “back-office” tasks as possible and electronically receive and send documents from and to claimants, attorneys, employers, insurers, and other organizations which currently use WCC information.</p>	
<p><b>Project Status:</b> The project team has developed and deployed the database architecture necessary to support data cleanup and standardization prior to the migration of legacy data to the new system. The team is also creating and implementing interfaces with external organizations inside and outside of the State to support user identity verification and insurance coverage for each employer registered to do business within the State. The team has completed development of over 80 processes which are part of the overall Enterprise Modernization system (now officially named CompHub). Another 30 processes are scheduled for October 2020.</p>	
<p><b>Known / Anticipated Schedule Changes:</b> No known or anticipated schedule changes at this time.</p>	
<p><b>Known / Anticipated Cost Changes:</b> No known or anticipated cost changes at this time.</p>	
<p><b>Known / Anticipated Scope Changes:</b> No known or anticipated scope changes at this time.</p>	
<p><b>Risk Assessment:</b> No project risks to report at this time.</p>	
<p><b>Portfolio Review / Health Assessment Held:</b> 06/18/2020</p>	<p><b>IV&amp;V Assessments Initiated:</b> None</p>

Workers Compensation Commission: Workers Compensation Commission Enterprise Modernization (WCCEM)  
 (#2002)

**Financial Summary**

Project Costs				
Funding Type	Cost to Date through FY 2020	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2020
GF				-
SF	6,085,437	9,121,748	15,207,185	40.02%
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>6,085,437</b>	<b>9,121,748</b>	<b>15,207,185</b>	<b>40.02%</b>

Project Funding				
Funding Type	Funding through FY 2019	Funding FY 2020	Funding FY 2021	Total Funding to Date
GF				-
SF	3,761,972	2,983,759	3,088,078	9,833,809
FF				-
RF				-
MITDPF				-
<b>Totals</b>	<b>3,761,972</b>	<b>2,983,759</b>	<b>3,088,078</b>	<b>9,833,809</b>

Out Year Cost Detail						
Funding Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Out Year Costs
GF						-
SF	3,124,038	3,131,228	2,630,282	236,200		9,121,748
FF						-
RF						-
MITDPF						-
<b>Totals</b>	<b>3,124,038</b>	<b>3,131,228</b>	<b>2,630,282</b>	<b>236,200</b>	<b>-</b>	<b>9,121,748</b>






# FY20 End of Year Report\_November 2020 (1)

Final Audit Report

2020-11-13

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