



S T A T E O F M A R Y L A N D
DEPARTMENT OF INFORMATION TECHNOLOGY

**REPORT ON THE
MAJOR INFORMATION TECHNOLOGY DEVELOPMENT
PROJECTS AND FUND**

for Fiscal Year 2008

As of June 30, 2008



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State Agency Abbreviations

Assessments and Taxation	SDAT
Budget and Management	DBM
Comptroller of the Treasury	COM
Education	MSDE
Environment	MDE
General Services.....	DGS
Health and Mental Hygiene	DHMH
Higher Education.....	MHEC
Human Resources	DHR
Labor Licensing and Regulation	DLLR
Public Safety and Corrections	DPSCS
Retirement and Pension Systems	SRA
Transportation	MDOT
Aviation	MDOT-MAA
Motor Vehicle	MDOT-MVA
State Highway	MDOT-SHA
Transit	MDOT-MTA

Baseline Financial Data Definitions

Project Costs to Date (CTD): Actual expenditures by each project that are reconciled for accuracy with the State's financial systems of record, on both a quarterly and an annual basis.

Estimate at Completion (EAC): Total updated estimated project cost, combining actual and revised planned costs.

Project Funding: Amount of funding actually made available for each project by funding type.

Out Year Cost Detail: Represents the potential future year cost portion of the EAC, including one full fiscal year of operations and maintenance after project implementation.

Executive Summary

The Fiscal Year 2008 (FY08) portfolio of Major Information Technology Development Projects (MITDP) consists of 44 projects across 15 agencies. The total estimated value of the FY08 portfolio is \$374,311,375 million, with approximately \$258,154,534 of funding identified as of this report.

The MITDP Fund received no new funding in the FY08 budget. However, \$36,559,872 of new project funding was provided by other sources: 62% Special (\$22,684,901), 31% Federal (\$11,259,951), 5% General - not in the Fund – (\$1,950,000) and 2% Reimbursable (\$665,020).

As the mechanics of MITDP oversight processes have matured, so have the project management processes within the agencies, with the majority of projects being managed full time by certified professional project managers (PMPs). As a result of these maturing processes, the prevalence of certain project risks has become more evident. One such risk to project success arises from an insufficient level of State resources available to properly execute project requirements. A common misconception is that hiring a contractor to implement a system negates the need to apply significant State resources to the effort. The fact of the matter is that the State owns and leads every technology implementation; the contractor executes, assists and supports. Outsourcing project-related tasks is a matter of course for most agencies and projects, but all projects require substantial internal subject matter expertise and business unit involvement from the client/State side. Another common misconception is that MITDPs may be initiated without first fully analyzing and possibly modifying the business processes that are to be ultimately supported by the new technology. As a result, there is a risk that we will fail to improve the business case and possibly just exacerbate poor existing business processes.

Measures have been taken in order to mitigate some of these pervasive risks. All IT procurements now require Offerors to submit detailed task schedules that include requirements and timelines for not only contractor resources, but also State staff resources. These detailed task schedules will be an invaluable tool with which agencies can more accurately plan and report on how long a project will take and how much it will cost. With most projects being managed by PMPs, the project oversight reporting requirements have migrated from agencies completing DoIT status forms to their submitting actual updates of the comprehensive project management plans by which their projects are being managed internally. This change reduces the reporting burden on the agency project teams and encourages the implementation of an industry best practice. A comprehensive Project Management Plan is one that includes multiple sub-plans that clearly articulate how, when and by whom all tasks in a project will be managed, including how the project teams will communicate, request and approve changes, identify and mitigate risks, resolve issues and report to stakeholders. These plans are approved by the project leaders at the outset of a project and are updated regularly through the project life cycle.

Also, DoIT has begun an update to the State's System Development Life Cycle (SDLC) to include modern methods and industry best practices for project management. The result will be an SDLC with a role-based orientation to help clarify individual project staff requirements. From the point of project inception, this will help agencies align their projects to their high level business needs and processes.

As the agencies continuously improve their ability to successfully manage MITDPs, DoIT will continue to refine oversight to reduce the burden to the reporting agencies, while improving the quality of project health assessments. In the end, the State will derive higher rates of investment return from a portfolio of information technology projects that are executed on-time, within budget, meet agency requirements, and enhance value to processes and services associated with internal and external customers.

FY08 MITDP Fund: Summary of Operations

Fund Balance		
Ending Balance (as of 06/30/07):		\$43,157,040
Pay Phone Commissions for Agency Disbursement:		2,324
Actual Fund Balance (as of 7/01/2007)		\$43,159,364
FY08 Funding		
Total Revenues	\$4,686,687	
Transfers-In:		
Total Transfers	<u>0</u>	
Total FY08 Funding		<u>4,686,687</u>
Total Funds Available		47,846,051
Reversions to Fund Balance		(2,419,194)
Transfers-Out		
FY08 Project Expenditures	(11,956,332)	
FY08 Agency Pay Phone Commission Disbursements	<u>(7,192)</u>	
		<u>(11,963,524)</u>
<hr/>		
Ending Balance (as of 6/30/2008)		\$33,463,333
Obligations:		
Approved Projects	(31,069,838)	
Agency Pay Phone Commission Disbursements	<u>(15,743)</u>	
Total Obligations:		<u>(31,085,581)</u>
<hr/>		
Net Funds Not Obligated (as of 6/30/2008)		\$2,377,752

FY08 Agency MITDP Expenditures

Agency	Project	FY Approved	Amount Approved	FY08 Expenditures	Carry Forward Obligations
DPSCS	NCIC	2005	\$48,853	\$48,853	\$0
DPSCS	NCIC	2005	557,249	419,564	137,685
DBM	IV&Vs	2006	39,816	39,816	0
DBM	Systems & Applications Risk Assessment	2006	510,711	0	510,711
DBM	Statewide Radio System	2006	614,411	442,037	172,374
DPSCS	Offender Case Management System (OCMS)	2006	887,797	231,176	656,621
DPSCS	MAFIS	2006	3,671,859	3,671,859	0
DBM	IV&Vs	2007	232,446	63,579	168,867
DBM	Statewide Personnel System	2007	2,000,000	102,200	1,897,800
DBM	Federal Vendor Offset	2007	96,641	(169,906)	266,547
SDAT	Assessment Administration and Valuation System	2007	1,364,030	516,077	847,953
Comp.	Modernized Integrated Tax System	2007	9,065,000	672,885	8,392,115
DHMH	Computerized Health Record and Information System	2007	2,170,977	67,597	2,103,380
DHR	CHESSIE	2007	58,863	58,688	175
MHEC	Student Financial Aid System	2007	1,555,238	196,590	1,358,648
DPSCS	OCMS	2007	1,500,000	0	1,500,000
DPSCS	MAFIS	2007	6,250,000	1,723,484	4,526,516
DJS	Statewide Education Technology	2007	890,338	815,562	74,776
Prior Year Obligations:			\$31,514,229	\$8,900,061	\$22,614,168
DBM	Statewide Personnel System	2008	\$2,000,000	\$0	\$2,000,000
DBM	IV&Vs for Specified Agency Projects	2008	744,015	294,015	450,000
SDAT	Assessment Administration and Valuation System	2008	2,697,230	0	2,697,230
DHMH	Electronic Vital Records	2008	987,000	676,471	310,529
DHMH	HMIS/CHRIS	2008	1,960,000	0	1,960,000
DHR	MD CHESSIE Enhancements	2008	2,500,000	2,007,049	492,951
MHEC	Student Financial Aid System	2008	500,000	0	500,000
DBM	MAFIS IV&V	2008	123,695	78,735	44,960
FY08 Obligations:			\$11,511,940	\$3,056,270	\$8,455,670
Total:			\$43,026,169	\$11,956,331	\$31,069,838

Assessments and Taxation: Assessment Administration & Valuation System (AAVS) (#9100)

Project Description: The AAVS project will consolidate two existing data systems; the Real Property Administration Data System (ADS), and the Valuation System. The ADS is the land management system that maintains property location and account ownership information. The Valuation System captures and processes property valuation information which is then fed into a Relational Database Management System. The AAVS will provide all of the functionality of the current land management and valuation systems, as well as additional system processing efficiencies.

Project Status: The project is nearing completion of the Design and Development phases and the Integration and Testing phase is scheduled to begin Aug. 2008. Project implementation is scheduled for FY09. The project will be considered officially complete after the contractual one year system warranty period, which begins after the Implementation Phase.

Known / Anticipated Schedule Changes: The project completion date is scheduled for FY10, which is after the contractual one year post-implementation system warranty period.

Known / Anticipated Cost Changes: A retired SDAT employee became a contractual PM resource on the project, increasing the project's EAC. Additional EAC can also be attributed to increased training expenses, cost for change orders associated with batch processing for local subdivisions, IV&V cost, O&M cost not previously included and legislative mandates.

Known / Anticipated Scope Changes: COs are anticipated that address data processing of local subdivisions that was not clearly specified in the TO, legislative mandates associated with Homestead Tax Credit, and ground rent information.

Risk Assessment: SDAT is transitioning to in-house database operations and the need for Annapolis Data Center (ADC) services is gradually diminishing. Although less funding will be required for SDAT to reimburse ADC; funding will be considered a risk as funding will be required to support in-house database operations.

Portfolio Review Meetings Held: 04/01/2008, 11/14/2007, 12/19/2006

Last Quarterly Update Provided: 04/08/2008

IV & V Assessments Initiated: 08/22/2007

Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF				
MITDPF	1,307,853	7,836,097	9,143,950	14.30%
Totals	1,307,853	7,836,097	9,143,950	14.30%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF				
MITDPF	2,000,000	2,847,230	200,000	5,047,230
Totals	2,000,000	2,847,230	200,000	5,047,230

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF	3,536,739	3,220,972	1,078,386			7,836,097
Totals	3,536,739	3,220,972	1,078,386			7,836,097

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

Project Description: The Department of Budget and Management's CCU currently uses a customized version of Columbia Ultimate's Revenue Plus Collector System to track collection activity. Today, the CCU system manages over 1.4 million debtor accounts for the State of Maryland. The purpose of this project is to modernize CCU's core business application and implement a system to replace the legacy Columbia Ultimate Business System (CUBS).

Project Status: The concept for this project was formalized as a result of the Systems and Applications Risk Assessment project that completed in FY07. The project faced stagnation during FY08 with the retirement of the CCU Director. Because the project had not yet kicked off, CCU did not participate in OIT oversight activities in FY08. A new Director joined the CCU team at the end of FY08, and is working to move the project forward quickly and efficiently. Steps are currently under way to hire a CCU project SME and dedicated PM. Once these positions are filled, the project will commence with requirements gathering, which will serve as input to the solicitation to secure project implementation services.

Known / Anticipated Schedule Changes: A baseline master schedule will be mutually agreed upon when a PM and SME are hired and an implementation contract is awarded.

Known / Anticipated Cost Changes: TPC will be set once financial proposals in response to a CCU solicitation have been received.

Known / Anticipated Scope Changes: None

Risk Assessment: Delays to project kick-off are contingent on the selection of a dedicated PM and a CCU SME to support the project.

Portfolio Review Meetings Held: None

Last Quarterly Update Provided: None

IV & V Assessments Initiated: None

Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF		4,419,674	4,419,674	0.00%
SF				
FF				
RF				
MITDPF				
Totals		4,419,674	4,419,674	0.00%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF		675,040	3,544,634	4,219,674
FF				
RF				
MITDPF			200,000	200,000
Totals		675,040	3,744,634	4,419,674

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF	875,040	3,304,634	240,000			4,419,674
SF						
FF						
RF						
MITDPF						
Totals	875,040	3,304,634	240,000			4,419,674

Budget and Management: Disaster Recovery Center Planning (DRP) (#P005)

Project Description: The purpose of this project was to assess the State's critical data system's DR readiness and to identify additional risk mitigation options. These options are to be used to further improve upon existing strategies by assessing the need for a consolidated DR site and develop a detailed engineering design; which will better quantify full implementation costs. The result of this project was to provide the basis and design for a central DR site.	
Project Status: Based on the priority assessment of other IT and capital projects, the DR project was terminated in Q2 FY08.	
Known / Anticipated Schedule Changes: None	
Known / Anticipated Cost Changes: \$1.3M in appropriations from prior years was reverted to the Fund.	
Known / Anticipated Scope Changes: None	
Risk Assessment: None	
Portfolio Review Meetings Held: 10/23/2007, 11/08/2006	Last Quarterly Update Provided: 05/23/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF				
MITDPF	190,047		190,047	100.00%
Totals	190,047		190,047	100.00%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF				
MITDPF	1,500,000			1,500,000
Totals	1,500,000			1,500,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF						
Totals						

Budget and Management: Federal Vendor Offset (FVO) (#P007)

<p>Project Description: The U.S. Treasury Financial Management Service (FMS) was assigned the responsibility to implement the Debt Collection Improvement Act of 1996, 31 U.S.C. Sec. 3716(h). MD and New Jersey were the selected pilot states. The MD General Assembly enacted HB448 (2006 Session) authorizing MD to enter into a reciprocal agreement with FMS to exchange payment and debtor information. The major stakeholders are the General Accounting, Compliance, Regulatory Enforcement, and Revenue Administration Divisions of the Comptroller of Maryland. Other stakeholders included the CCU within DBM and DLLR. MD currently uses the R*STARS system to offset vendor payments. FMS required modifications to MD's current financial management systems to exchange payment and debtor information. These changes allow R*STARS to intercept vendor payments identified as having federal debt while the U.S. Treasury FMS office intercepts vendors with State debt.</p>	
<p>Project Status: The two-part software implementation phases are complete and the project is currently in the O&M phase of the SDLC. R*STARS implementation completed, June 2007 and Income Tax implementation completed, Dec. 2007. Approximately \$18.5M in revenue has been collected since the completion of the project.</p>	
<p>Known / Anticipated Schedule Changes: None</p>	
<p>Known / Anticipated Cost Changes: Cost savings reflected in the lower EAC, were realized because the Comptroller's Income Tax implementation did not need the DBM support originally estimated.</p>	
<p>Known / Anticipated Scope Changes: None</p>	
<p>Risk Assessment: None</p>	
<p>Portfolio Review Meetings Held: 10/23/2007</p>	<p>Last Quarterly Update Provided: 02/08/2008</p>
<p>IV & V Assessments Initiated: None</p>	<p>Peer Review Committees Assigned: None</p>

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	280,876		280,876	100.00%
FF				
RF				
MITDPF	1,033,453		1,033,453	100.00%
Totals	1,314,329		1,314,329	100.00%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	353,319			353,319
FF				
RF				
MITDPF	1,300,000			1,300,000
Totals	1,653,319			1,653,319

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF						
Totals						

Budget and Management: Statewide Personnel System (SPS) (#P006)

<p>Project Description: The purpose of the SPS project is to obtain a COTS solution to replace the State's legacy personnel systems. The management of State personnel activities are supported by systems that were developed and implemented in 1975. The current systems must serve 700 users who manage the personnel activities of approximately 70,000 State employees with 200,000 transactions processed annually. In recent years, the limitations of these legacy systems have become apparent and the risks to State personnel management increased. These limitations make it very difficult and time consuming to manage and accurately report personnel movement and associated activities.</p>	
<p>Project Status: The SPS project was spawned out of the Systems and Application Risk Assessment (SARA) project, undertaken by DBM beginning in FY06. SARA determined the risks associated with critical statewide systems and recommended potential risk mitigation strategies. A dedicated PM is under contract for the project and SPS is currently in the Requirements Analysis phase. A PRC was disbanded however a Steering Committee has been formed. Processes have begun to hire a human resource (HR) SME and draft a solicitation. The solicitation is to procure contractual services to implement the SPS that is most advantageous to the State.</p>	
<p>Known / Anticipated Schedule Changes: A master baseline schedule will be mutually agreed upon at the time of contract award.</p>	
<p>Known / Anticipated Cost Changes: TPC cost increased due to anticipated IV&V services. TPC will be set upon contract award.</p>	
<p>Known / Anticipated Scope Changes: None</p>	
<p>Risk Assessment: Schedule delays may arise while an HR SME is hired. There is a risk of inadequate funding for the entire project which may prove more costly than the current estimated EAC.</p>	
<p>Portfolio Review Meetings Held: 10/23/2007, 11/08/2006</p>	<p>Last Quarterly Update Provided: 08/27/2008</p>
<p>IV & V Assessments Initiated: None</p>	<p>Peer Review Committees Assigned: None</p>

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF				
MITDPF	102,200	10,397,800	10,500,000	0.97%
Totals	102,200	10,397,800	10,500,000	0.97%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF				
MITDPF	2,000,000	2,150,000	3,150,000	7,300,000
Totals	2,000,000	2,150,000	3,150,000	7,300,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF	3,139,467	4,608,333	2,550,000	100,000		10,397,800
Totals	3,139,467	4,608,333	2,550,000	100,000		10,397,800

Budget and Management: Wireless Interoperability (WI) (#P004)

Project Description: The Wireless Interoperability project was a planning initiative to assess interoperability requirements for State, municipal and local government first responder radio systems. A target architecture was developed as input into a statewide communication program.	
Project Status: The Wireless Interoperability project completed in Q4 FY08. It resulted in a target architecture to be used for a larger statewide communications system program. No further activity will take place on this MITDP. An Executive Order was issued to establish a Maryland Statewide Communications Interoperability Program (MSCIP). The new organization will support the construction of a new public safety communications systems deemed critical to protecting the citizens of Maryland. MSCIP will consist of representatives of State agencies and other appointed members to take part in directing, coordinating and implementing the program and submitting an FY10 ITPR for a statewide communications project.	
Known / Anticipated Schedule Changes: None	
Known / Anticipated Cost Changes: None	
Known / Anticipated Scope Changes: None	
Risk Assessment: None	
Portfolio Review Meetings Held: 10/23/2007, 11/08/2006	Last Quarterly Update Provided: 04/30/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF				
MITDPF	827,626		827,626	100.00%
Totals	827,626		827,626	100.00%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF				
MITDPF	1,000,000			1,000,000
Totals	1,000,000			1,000,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF						
Totals						

Comptroller: Moderized Integrated Tax System (MITS) (#0430)

<p>Project Description: The MITS project will implement an integrated tax processing system and a data warehouse and replace two major legacy systems; the existing integrated tax system and the current automated business tax collection system. MITS will be a COTS solution and the data warehouse will be the repository of all taxpayer data processed by the Comptroller of Maryland (COM). MITS supports the agency's goal of maximizing collections and identifying tax gaps by providing the capability to perform analytics and modeling within the data warehouse. It also supports the goals of improving customer service by maintaining a centralized view of the taxpayer.</p>	
<p>Project Status: The project hold in place last year was lifted, and the Planning phase, requirements study and benefit analysis are complete. The Requirements Analysis phase is in progress. Because the agency determined that MITS will be a COTS solution and will serve as the main repository of multiple tax type data, the Motor Fuel tax (see Motor Fuel Tax System project #0431) will be a component of the MITS project. A dedicated PM was hired in July 2007. The requirements document has been drafted and was included in the RFP, which was released in Q4 FY08. Award is anticipated in early FY09</p>	
<p>Known / Anticipated Schedule Changes: The COM anticipates the project ending in 2012. A baseline schedule will be mutually agreed upon when a contract is awarded.</p>	
<p>Known / Anticipated Cost Changes: A Request for Information (RFI) from States with similar systems resulted in a revised estimate for the project. Although internal cost estimates remain between \$35M and \$50M for the project, a firm TPC will be established once the contract is awarded. Although outyear costs starting in FY09 show as SF below, actual costs will be funded from SF and MITDPF appropriations.</p>	
<p>Known / Anticipated Scope Changes: The MITS project scope has changed to include tax processing and not just tax collection. Since the MITS is considered just another tax type, the scope of the MITS project was expanded to include the functional requirements for the MITS project. A previously formed PRC will re-engage and address updated project needs.</p>	
<p>Risk Assessment: There is a risk that additional funding may be required once proposal evaluations are complete.</p>	
<p>Portfolio Review Meetings Held: 02/28/2008, 08/23/2007, 10/31/2006</p>	<p>Last Quarterly Update Provided: 10/03/2008</p>
<p>IV & V Assessments Initiated: None</p>	<p>Peer Review Committees Assigned: None</p>

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	139,931	53,150,380	53,290,311	0.26%
FF				
RF				
MITDPF	672,885		672,885	100.00%
Totals	812,816	53,150,380	53,963,196	1.51%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	935,000			935,000
FF				
RF				
MITDPF	9,065,000		200,000	9,265,000
Totals	10,000,000		200,000	10,200,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	9,550,380	20,200,000	10,200,000	13,200,000		53,150,380
FF						
RF						
MITDPF						
Totals	9,550,380	20,200,000	10,200,000	13,200,000		53,150,380

Comptroller: Motor Fuel Electronic Filing & Tracking System (MFTS) (#0431)

Project Description: The objective of this project was to automate the fuel tax filing and tracking process at the Motor Fuel Tax Division, resulting in increased voluntary compliance and enhanced audit collections. It has been determined that the MFTS functionality can be addressed with the MITS project.	
Project Status: After the project team determined the requirements of the MFTS project would be subsumed by the MITS project, MFTS was terminated in Feb. 2008.	
Known / Anticipated Schedule Changes: None	
Known / Anticipated Cost Changes: \$150,000 of Special funds appropriated for the MFTS project are being used to fund the MITS project planning. The balance of the MFTS SF appropriations have been cancelled.	
Known / Anticipated Scope Changes: None	
Risk Assessment: None	
Portfolio Review Meetings Held: 02/28/2008, 08/23/2007, 10/31/2006	Last Quarterly Update Provided: 07/27/2007
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF				
MITDPF				
Totals				

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	1,164,000	150,000		1,314,000
FF				
RF				
MITDPF				
Totals	1,164,000	150,000		1,314,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF						
Totals						

Education: Maryland Accountability & Reporting System (MARS) (#F200)

Project Description: The project replaces the legacy system supporting the management of \$170 million in federal funds administered by the School and Community Nutrition Programs Branch. The primary goal of the project is to achieve optimal efficiency and integrity in the management of Federal and State nutrition programs for the State of Maryland.	
Project Status: Having completed a Charter, System Boundary, Project & Risk Management Plan and Requirements documents, the application development TORFP was released in June 2008, with a contract award anticipated in early Sept. 2008.	
Known / Anticipated Schedule Changes: A baseline schedule will be established upon contract award.	
Known / Anticipated Cost Changes: A baseline budget will be established upon contract award.	
Known / Anticipated Scope Changes: None	
Risk Assessment: While no significant specific risks have been identified, an IV&V assessment is planned for early CY 2009, following contract kickoff.	
Portfolio Review Meetings Held: 03/17/2008, 11/30/2007	Last Quarterly Update Provided: 07/31/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF		4,497,162	4,497,162	0.00%
RF				
MITDPF				
Totals		4,497,162	4,497,162	0.00%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF		668,750	1,025,000	1,693,750
RF				
MITDPF				
Totals		668,750	1,025,000	1,693,750

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF	1,447,568	2,014,214	933,780	101,600		4,497,162
RF						
MITDPF						
Totals	1,447,568	2,014,214	933,780	101,600		4,497,162

Education: MD Statewide Longitudinal Data System (Unique ID) (#M100)

Project Description: This project provides agency-wide application enhancements to support the assignment of a unique student identifier. The project will automate continuous (longitudinal) tracking of a student in the school system as he or she progresses between grades, moves between Maryland counties or leaves and re-enters the Maryland public education system. This project includes Maryland counties and Baltimore City public schools. The ability to track student performance longitudinally satisfies federal reporting requirements and improves MSDE's program evaluation and forecasting capabilities.	
Project Status: Project completed implementation and entered O&M in Mar. 2008. Executive Sponsor and Development contract closeout documents were received 10/6/08.	
Known / Anticipated Schedule Changes: None	
Known / Anticipated Cost Changes: None	
Known / Anticipated Scope Changes: None	
Risk Assessment: None	
Portfolio Review Meetings Held: 03/17/2008, 11/30/2007	Last Quarterly Update Provided: 07/29/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF	1,446,922	672,297	2,119,219	68.28%
RF				
MITDPF				
Totals	1,446,922	672,297	2,119,219	68.28%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF		1,446,922		1,446,922
RF				
MITDPF				
Totals		1,446,922		1,446,922

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF	672,297					672,297
RF						
MITDPF						
Totals	672,297					672,297

Education: Web Data Collection (WDCS) (#F400)

Project Description: MSDE collects educational data individually in disparate formats from local school systems throughout the State, consisting of attendance, student assessment participation and outcomes, student enrollment and staff. The WDCS project will encompass the design, development, and support services for the implementation of a web-based education data collection system (WDCS). This new system allows schools to enter data online, standardize data collection, reduce errors and improve quality and security, while reducing the time required to publish the data.

Project Status: The project's development TORFP was released in Nov. 2007 and was awarded in March 2008. The contractor's initial deliverable documents have been received for MSDE project team review.

Known / Anticipated Schedule Changes: The first scheduled deliverables were over two months behind their initial plan dates; however, the deliverables are now under review by MSDE. The full impact of this delay on schedule will be assessed when documents have been completed. Funding has not been identified for several phases, likely causing additional delays in the overall schedule.

Known / Anticipated Cost Changes: A contract change order, cost increase, may result from a delay in funding, which causes an extension of the contract period of performance.

Known / Anticipated Scope Changes: None

Risk Assessment: Funding for modules 1 & 6 is available, but the remaining 4 modules may be delayed until additional funding is approved. MSDE is investigating contract impact as funding is not likely before FY10.

Portfolio Review Meetings Held: 03/17/2008, 11/30/2007

Last Quarterly Update Provided: 07/31/2008

IV & V Assessments Initiated: None

Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF	359,745	3,771,788	4,131,533	8.71%
SF				
FF				
RF				
MITDPF				
Totals	359,745	3,771,788	4,131,533	8.71%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF		1,950,000		1,950,000
SF				
FF		304,955		304,955
RF				
MITDPF				
Totals		2,254,955		2,254,955

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF	3,422,894	348,894				3,771,788
SF						
FF						
RF						
MITDPF						
Totals	3,422,894	348,894				3,771,788

Environment: Enterprise Environmental Management System (EEMS) (#3201)

Project Description: The EEMS project will allow MDE to provide a holistic view of the State's environmental regulatory processes through the establishment of a common data platform. EEMS is envisioned to replace approximately 170 disparate legacy databases and associated business applications through the acquisition and integration of a proven TEMPO COTS system. This application will provide support for agency permitting, inspection and enforcement of regulatory obligations. A single application will allow for increased operational efficiencies, reporting and standardization of business practices across the organization.

Project Status: Phase III Release III has been implemented. Phase III Release IV requirements validation is currently under way and will complete in September 2008. A no-cost change order was approved by the Board of Public Works to extend the contract for one year. However, the loss of critical positions precluded MDE staff from performing other critical project scope. A solicitation was issued to hire a contractor to complete the work and an increase to project EAC was sustained.

Known / Anticipated Schedule Changes: The Phase III Release IV contract has been extended one year. The project will complete in CY09.

Known / Anticipated Cost Changes: EAC was increased as a result of IV&V cost of \$150K and \$750K for contractor resources added to the project to perform tasks to which MDE had committed but was unable to complete using State staff. Although outyear costs starting in FY09 show as GF below, actual costs will be funded from FF appropriations.

Known / Anticipated Scope Changes: MDE's Executive Steering Committee, which includes the Secretary, Deputy Secretary, CIO, EEMS Project Manager and all Administration Directors, agreed to eliminate certain Release 3 and 4 departmental programs that were deemed less of a strategic fit for EEMS.

Risk Assessment: There is a lack of sufficient resources and skill sets to complete work by internal staff and user acceptance of the system is a risk.

Portfolio Review Meetings Held: 05/29/2008, 04/09/2007, 09/26/2006

Last Quarterly Update Provided: 08/25/2008

IV & V Assessments Initiated: 07/03/2007

Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF	577,215	2,392,770	2,969,985	19.43%
SF	187,973		187,973	100.00%
FF	4,111,027		4,111,027	100.00%
RF				
MITDPF	82,015		82,015	100.00%
Totals	4,958,230	2,392,770	7,351,000	67.45%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF	577,215			577,215
SF	187,973			187,973
FF	4,679,899	750,000	1,005,913	6,435,812
RF				
MITDPF		150,000		150,000
Totals	5,445,087	900,000	1,005,913	7,351,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF	2,319,020	73,750				2,392,770
SF						
FF						
RF						
MITDPF						
Totals	2,319,020	73,750				2,392,770

General Services: Photo ID/Proxy Security System (#1305)

Project Description: The purpose of the Photo Identification (ID)/Proxy Security System was to implement a single, centrally managed, custom solution providing security and proxy access to DGS-managed buildings and parking lots. By consolidating multiple systems into a single, enterprise system, this project has and will continue to improve perimeter security of buildings by integrating existing and newly added perimeter door alarms, fire systems, and closed circuit television surveillance. The scope of the original project included 15 sites; 1 site in Baltimore and 14 sites consisting of courthouses, the State House and Senate and House of Delegates buildings in Annapolis.	
Project Status: As of June 2008, the project was complete per the 15 sites defined in the original scope. The Photo ID/Proxy Security System program will be on-going as new employees, lobbyists, press and contractors will need to gain access to buildings and parking garages.	
Known / Anticipated Schedule Changes: None	
Known / Anticipated Cost Changes: None	
Known / Anticipated Scope Changes: None	
Risk Assessment: None	
Portfolio Review Meetings Held: 06/04/2008, 08/02/2007, 09/27/2006	Last Quarterly Update Provided: 06/04/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF				
MITDPF	980,000		980,000	100.00%
Totals	980,000		980,000	100.00%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF				
MITDPF	980,000			980,000
Totals	980,000			980,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF						
Totals						

Health & Mental Hygiene: Computerized Health Record Information System (CHRIS - formerly HMIS II) (#B506)

Project Description: The purpose of the CHRIS project is to replace the existing Hospital Management Information System (HMIS) with a fully integrated administrative and clinical management information system, including a pharmacy module, electronic medical record module and clinical point of entry/order entry module in 15 hospital centers operated by DHMH. The new COTS system will allow treatment team members (doctor, nurse, social worker, psychologist, etc.) secure access to a fully integrated electronic medical records system. The initial core data repository will include elements such as billing, patient treatment history, patient demographics and contact data, as well as a full range of diagnostic information. Once operational, the core data repository will be expanded over two years to phase in relevant clinical, patient management and administrative information from all State operated inpatient facility treatment modalities.

Project Status: The detailed project requirements for the CHRIS have been gathered by DHMH. An RFP was released in June 2008, and the responses are due in Sep. 2008. The first post-award activity will be to perform gap analyses to identify all existing business processes and determine where they do not fit exactly with the vendor's solution. Out of these analyses, a clear implementation strategy will be defined regarding where business processes change to meet the application and where the application will be customized to fit the existing process. An IV&V is scheduled for this project in FY09.

Known / Anticipated Schedule Changes: Due to the difficulty in gathering requirements from a large number of users in 15 facilities, the delay in issuing the RFP has pushed out the initial planned project schedule. The overall design and implementation schedule will not be determined until the contract is awarded.

Known / Anticipated Cost Changes: Current estimates for project costs are based on information received from other states that have implemented similar hospital management systems. The award to a vendor will result in the establishment of a solid baseline budget and spending plan.

Known / Anticipated Scope Changes: None

Risk Assessment: Full funding to cover the estimated EAC has not yet been identified.

Portfolio Review Meetings Held: 04/18/2008, 08/06/2007, 11/22/2006	Last Quarterly Update Provided: 04/18/2008
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IV & V Assessments Initiated: 09/01/2008	Peer Review Committees Assigned: 05/01/2006
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Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF				
MITDPF	196,620	7,746,380	7,943,000	2.48%
Totals	196,620	7,746,380	7,943,000	2.48%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF				
MITDPF	2,300,000	2,110,000	200,000	4,610,000
Totals	2,300,000	2,110,000	200,000	4,610,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF	5,163,380	1,284,000	1,299,000			7,746,380
Totals	5,163,380	1,284,000	1,299,000			7,746,380

Health & Mental Hygiene: Electronic Vital Records System (EVRS) (#B507)

<p>Project Description: The purpose of this project is to replace the existing systems currently used by the Vital Statistics Administration (VSA) with an integrated, web-enabled vital records system that is more efficient, cost effective and flexible. Md. Health-General Code Ann. §4-203 provides for the DHMH Secretary to administer the registration and issuance of vital records and to establish appropriate methods and necessary forms for accurate registration of vital events. Additionally, there are federal reporting requirements and other components tied to the Intelligence Reform & Terrorism Prevention Act of 2004. The proposed COTS system must allow for registration of births, deaths, fetal deaths, marriages and divorces; issuance of certified copies of vital records; and the modification of records and preparation of vital statistics data files and reports. The result of implementing this system will be a near paperless vital records system that will enhance customer service, increase the timeliness, completeness, and accuracy of vital statistics data and improve the integrity of the vital records registration system.</p>	
<p>Project Status: This project implementation, will consist of three phases pertaining to the following record types: 1) birth, 2) death, 3) fetal death, marriage and divorce. Fetal death, marriage and divorce are three separate components, but will be developed concurrently. The Design phase for birth records was completed in Mar. 2008, and all hardware has been installed. VSA plans to conduct System Acceptance Testing for birth records from July 2008 - Sep. 2008 with "go live" date scheduled in Jan. 2009. Once birth records goes live, VSA will begin work on death records. An IV&V is scheduled in FY09 for this project.</p>	
<p>Known / Anticipated Schedule Changes: None</p>	
<p>Known / Anticipated Cost Changes: None</p>	
<p>Known / Anticipated Scope Changes: None</p>	
<p>Risk Assessment: Full funding has not yet been identified. VSA anticipates Federal funding will become available to assist states in meeting the requirements of the Intel Reform legislation, but the regulations have been delayed several times.</p>	
<p>Portfolio Review Meetings Held: 04/18/2008, 08/06/2007</p>	<p>Last Quarterly Update Provided: 04/18/2008</p>
<p>IV & V Assessments Initiated: 09/01/2008</p>	<p>Peer Review Committees Assigned: None</p>

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF				
MITDPF	876,471	4,240,466	5,116,937	17.13%
Totals	876,471	4,240,466	5,116,937	17.13%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF				
MITDPF		1,337,000	600,000	1,937,000
Totals		1,337,000	600,000	1,937,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF	1,317,386	968,006	1,291,384	364,123	299,567	4,240,466
Totals	1,317,386	968,006	1,291,384	364,123	299,567	4,240,466

Higher Education: MD College Aid Processing System (MD CAPS) (#3402)

<p>Project Description: This project replaces the legacy Student Financial Aid (SFA) system (circa 1991), which aids in managing almost \$110 million dollars in State aid each year. The new MD CAPS application will provide an efficient web-based system supporting the initial financial aid application, processing of new and renewal awards, student notifications of award acceptance and notification of higher education institutions and legislators of award information. The system will also process payment of funds for awards and reconciling accounts, and support the maintenance, tracking, fulfillment and repayment of service obligations associated with certain programs. An Internet portal will provide access to comprehensive financial aid status for students, financial aid administrators, MHEC staff and legislators.</p>	
<p>Project Status: This project was renamed from New State Student Financial Aid System (NSSFAS or SFAS). The development contract kick-off occurred in Jan. 2008 and is nearing completion of the SDLC Requirements Analysis phase estimated in Aug. 2008.</p>	
<p>Known / Anticipated Schedule Changes: None</p>	
<p>Known / Anticipated Cost Changes: Project TPC has increased by \$597K (FY07 report's TPC was \$2.857M) as a result of: 1) contract award exceeding estimates, 2) the PM services contract was modified from part time to full time status through the remainder of project's option years, 3) O&M was increased by \$151K to reflect FY10 partial year O&M and the full FY O&M cost now recorded in FY11, 4) a \$50K increase (from \$150K) for a planned IV&V in FY09.</p>	
<p>Known / Anticipated Scope Changes: None</p>	
<p>Risk Assessment: Having completed an IV&V, with the project's risk profile remaining low, MHEC can pursue contracted services to perform a C&A security assessment in FY10 in place of a funded FY09 IV&V. Another risk is that full project funding has not yet been appropriated.</p>	
Portfolio Review Meetings Held: 02/26/2008	Last Quarterly Update Provided: 07/29/2008
IV & V Assessments Initiated: 12/06/2007	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF				
MITDPF	452,322	2,762,699	3,215,021	14.07%
Totals	452,322	2,762,699	3,215,021	14.07%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF				
MITDPF	1,700,000	650,000	450,000	2,800,000
Totals	1,700,000	650,000	450,000	2,800,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF	1,490,340	1,073,704	198,655			2,762,699
Totals	1,490,340	1,073,704	198,655			2,762,699

Human Resources: MD CHESSIE II Modifications (#FB09)

<p>Project Description: MD CHESSIE was implemented statewide in Jan. 2007. In preparation for the Federal Statewide Automated Child Welfare Information System (SACWIS) certification, the Administration of Children and Families (ACF), DHR's Federal partner, conducted a site visit with the Social Services Administration (SSA) in Nov. 2006 to review the system and provide guidance on changes that might be required in preparation for certification. To address requirements that would be necessary for Federal SACWIS certification, modifications were recommended to improve the system to better provide services to children and families in DHR/SSA's care.</p>	
<p>Project Status: In May 2007, the CHESSIE Tiger Team (CTT) was re-established; a cross-functional, hands-on group made up of local users, technical and policy staff. The CTT identifies, defines, prioritizes, tests and advocates for enhancements to CHESSIE. Six priority enhancements were identified by the CTT to provide the greatest benefit to workers and clients. The CTT found functionality already existed in the system and removed one enhancement. Two substitute enhancements were approved by BPW on 6/25/08. The CTT delayed one enhancement to fully determine its scope and benefit before moving forward; it has since been approved and is now in the Design phase. Three of the now seven enhancements were migrated on 6/25/08, and the rest should be migrated by Feb. 2009.</p>	
<p>Known / Anticipated Schedule Changes: The schedule has been delayed due to one enhancement being cancelled and two additional enhancements being performed in its place, which went through both an internal and external approval process. Instead of completing this project at the end of FY08, the remaining four enhancements are now slated for completion by Feb. 2009.</p>	
<p>Known / Anticipated Cost Changes: The \$451,960 slated for the On Demand Payment enhancement will be applied toward the two new enhancements. Although all out year costs show in Federal Funding (FF), actual spending will be split between FF and MITDPF.</p>	
<p>Known / Anticipated Scope Changes: One enhancement was cancelled (On Demand Payment) and was replaced by two additional enhancements (Contacts and Program Assignment), at the recommendation of ACF and the CTT.</p>	
<p>Risk Assessment: None</p>	
Portfolio Review Meetings Held: 05/13/2008, 04/01/2008, 06/06/2007	Last Quarterly Update Provided: 07/30/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF	2,007,049	963,227	2,970,276	67.57%
RF				
MITDPF	2,029,724		2,029,724	100.00%
Totals	4,036,773	963,227	5,000,000	80.74%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF		2,500,000		2,500,000
RF				
MITDPF		2,500,000		2,500,000
Totals		5,000,000		5,000,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF	963,227					963,227
RF						
MITDPF						
Totals	963,227					963,227

Labor, Licensing and Regulation: MD Imaging Data Access System (MIDAS II) (#HB10)

Project Description: The purpose of this project is to upgrade the existing Maryland Imaging Data Access System (MIDAS) to current and more flexible technology. MIDAS is an optical character recognition imaging and document management system consisting of scanner workstations, and application and database servers. It supports DLLR's business processes for the collection of wage data and employer taxes within the Unemployment Insurance Program.

Project Status: Legacy MIDAS system documentation did not exist, requiring reverse engineering legacy code. This process has uncovered functionality that was not specified in the solicitation. CO1 was issued in Q2 FY07 to add supporting SDLC documentation and additional screens to the scope. CO1 also reduced some unnecessary scope resulting in an overall reduction of TPC by \$533K. Upon completion of final requirements gathering, DLLR and the contractor discovered seven forms that were not included in the original solicitation. CO2 is being developed to include additional forms development and is expected to be finalized in early Q1 FY09. After CO2 is complete, the contractor will revise the overall schedule and commence Design and Development.

Known / Anticipated Schedule Changes: The project schedule will be re-baselined upon acceptance of CO2 to account for slippage due to negotiation of CO2 and agreement on final project requirements.

Known / Anticipated Cost Changes: CO1 reduced TPC by \$533K, whereas CO2 will likely add less than \$150K to TPC.

Known / Anticipated Scope Changes: CO2 will include the development of the seven additional forms identified during final requirements definition.

Risk Assessment: Funding for O&M and IV&V has not been appropriated.

Portfolio Review Meetings Held: 07/09/2008, 05/15/2007, 12/06/2006

Last Quarterly Update Provided: 07/22/2008

IV & V Assessments Initiated: 04/11/2006

Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	1,198,893	1,773,551	2,972,444	40.33%
FF				
RF				
MITDPF				
Totals	1,198,893	1,773,551	2,972,444	40.33%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF		2,291,661		2,291,661
FF				
RF				
MITDPF				
Totals		2,291,661		2,291,661

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	1,710,559	62,992				1,773,551
FF						
RF						
MITDPF						
Totals	1,710,559	62,992				1,773,551

Public Safety and Corrections: MD Automated Fingerprint ID System (MAFIS) (#1790)

Project Description: This upgrade to the legacy MAFIS system will involve replacement of the central computer, database management system, digital image retrieval system and workstations configured for use with the existing system. The new system's architecture uses current operating systems, a flexible object-oriented software architecture, support for best industry standard security, high availability and performance and is supported by a robust archive system. The application provides for flexible workflow design, increased print matching accuracy, with support for palm and latent prints captures from digital cameras. Enhanced criteria for matching prints should provide a much better match rate than the existing system.

Project Status: Two phases were defined for this project. Phase I included planning and requirements definition completed in FY06. Phase II, which is now in the SDLC Integration & Test phase, initially experienced performance problems and, after correcting the issue, has restarted acceptance testing. Scanning and conversion of existing 10-print fingerprint cards, latent and palm cards, is now complete with all paper cards entered to the new database.

Known / Anticipated Schedule Changes: While originally planned for implementation in June 2008, efforts needed to thoroughly verify and test all components of the system have delayed implementation until early FY09.

Known / Anticipated Cost Changes: None. While contract cost has increased by \$750,000, the increase was offset by lower than planned costs for hardware purchases.

Known / Anticipated Scope Changes: Public Safety has added the scanning of all remaining print cards (newly discovered 10-print, palm and juvenile) to the scope. By utilizing the project's temporary card scanning facility, the agency will realize the efficient completion of this previously deferred objective.

Risk Assessment: Implementation of MAFIS will automate many business processes and change print capture and analysis workflow, resulting in redefined job functions. As such, user resistance to the new system may cause organizational disruption during user acceptance, training, and rollout. Extensive business unit involvement during acceptance testing and training program development is expected to limit the potential impacts.

Portfolio Review Meetings Held: 04/22/2008, 11/16/2007, 06/12/2007, 02/28/2007 **Last Quarterly Update Provided:** 07/27/2008

IV & V Assessments Initiated: 10/02/2007 **Peer Review Committees Assigned:** None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF				
MITDPF	8,076,851	4,276,851	12,353,702	65.38%
Totals	8,076,851	4,276,851	12,353,702	65.38%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF				
MITDPF	12,500,000			12,500,000
Totals	12,500,000			12,500,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF	3,923,149	353,702				4,276,851
Totals	3,923,149	353,702				4,276,851

Public Safety and Corrections: National Crime Information Center (NCIC) (#1720)

Project Description: NCIC is an on-line information service maintained jointly by the Federal Bureau of Investigation (FBI) and criminal justice agencies in the US. The system includes information about criminals, crimes and articles involved in the crimes. The FBI-maintained central segment of NCIC, with which DPSCS's system now interfaces as a result of this project, supports the data storage (text and images), search retrieval engine and the fingerprint search engine (fingerprint matcher) functions.

Project Status: The pilot implementation for statewide rollout began in Q3 of FY08. The Eastern Shore pilot identified several additional security development tasks. These tasks are shown as scope changes below and were completed in FY08. The statewide rollout started in Q4 FY08, and is well received by the Local Law Enforcement community. The statewide rollout will be handled as a post-MITDP operations effort. The final project phase, Remote Mobile Data Terminal System is in the final stage of pilot testing and is expected to rollout Q2 FY09. The project will be closed out in Q2 FY09.

Known / Anticipated Schedule Changes: Scope changes with regard to user access security were discovered during a pilot site rollout. All work for these changes have been completed are being reviewed for acceptance. Project close out planning is under way and executive sponsor signoff is expected in Q2 FY09.

Known / Anticipated Cost Changes: The cost of the last contract changes totaled \$222,523. All work for these changes has been completed and no additional cost changes for this project are expected. The balance of unspent funds have reverted to unobligated MITDPF balance.

Known / Anticipated Scope Changes: There were four scope changes identified from the pilot testing. These are implementing user profiles in the bi-directional process, adding course IDs in the Omnixx Trainer sub-system, validating users in the Omnixx Trainer sub-system, and adding new user and device IDs to Open Fox to sync with the Omnixx database.

Risk Assessment: None

Portfolio Review Meetings Held: 04/22/2008, 11/16/2007, 06/12/2007, 02/28/2007 **Last Quarterly Update Provided:** 07/27/2008

IV & V Assessments Initiated: None **Peer Review Committees Assigned:** None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF	927,856		927,856	100.00%
SF				
FF	2,898,387		2,898,387	100.00%
RF	1,597,328		1,597,328	100.00%
MITDPF	6,034,525		6,034,525	100.00%
Totals	11,458,096		11,458,096	100.00%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF	927,856			927,856
SF				
FF	2,898,387			2,898,387
RF	1,978,882			1,978,882
MITDPF	6,172,209			6,172,209
Totals	11,977,334			11,977,334

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF						
Totals						

Public Safety and Corrections: Offender Case Management System (OCMS) (#1760)

<p>Project Description: The purpose of this project is to develop a full-lifecycle OCMS to manage offender information from an offender's Arrest and Pre-trial, Corrections, and Parole & Probation functions of the State's criminal justice system. Public Safety will implement a COTS solution meeting the needs of each of the four business units involved in case management. Significant configuration and some customization is expected, particularly in support of Maryland's unique booking process.</p>	
<p>Project Status: The RFP was released in Mar. 2008. Due to an abundance of offeror questions, the proposal due date was extended nearly 8 weeks. Proposals will be evaluated and an award is expected in Q2 FY09.</p>	
<p>Known / Anticipated Schedule Changes: The RFP has established schedule flexibility allowing an offeror to propose the "best fit" application module to business unit functional requirements. The contractor and Public Safety will agree on this plan in the initial planning phase, post contract award. Possible phase implementation slip could occur if full funding is not provided in time.</p>	
<p>Known / Anticipated Cost Changes: TPC estimates vary between \$15M-\$30M but will be confirmed with RFP contract award in Q2 FY09. Implemented in four phases in under four years with estimated costs ranging between \$15M-\$30M, the current \$8.2M funding may be insufficient to complete FY09 deliverables. With out-year funding commitments not assured, project phase starts may be impacted by funding delays.</p>	
<p>Known / Anticipated Scope Changes: None</p>	
<p>Risk Assessment: OCMS will require significant business process changes and careful coordination of these changes during the phased implementation across the four business units. Effective executive sponsorship and committed operations management will be critical to plan, promote and monitor the changes to each organization.</p>	
Portfolio Review Meetings Held: 04/22/2008, 11/16/2007, 06/12/2007, 02/28/2007	Last Quarterly Update Provided: 07/30/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF				
MITDPF	1,004,505	28,993,064	29,997,569	3.35%
Totals	1,004,505	28,993,064	29,997,569	3.35%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF				
MITDPF	3,000,000		5,200,000	8,200,000
Totals	3,000,000		5,200,000	8,200,000

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF	2,193,064	9,000,000	11,000,000	6,800,000		28,993,064
Totals	2,193,064	9,000,000	11,000,000	6,800,000		28,993,064

Retirement and Pension Systems: Maryland Pension Administration System Step One (MPAS-1) (#0001)

<p>Project Description: MPAS-1 is a multi-phase project to modernize the technologies that support the agency's pension administration business processes. This project is to create a new system to mirror the functionality of the Legacy Pension System (LPS) using a new agile technology architecture that can easily be adapted to changes in business requirements. LPS was developed incrementally over several decades and there exists very little documentation about the existing functionality or the coding associated with that functionality. MPAS-1 is structured into 10 distinct milestones.</p>	
<p>Project Status: Milestones 1 through 4 have been completed and accepted, with several others substantially under way. The project is behind schedule due to the considerable reverse engineering required and PM challenges, including the loss of original PMs and several business unit staff. Late in FY08, new certified PMs for both SRA and the primary contractor were hired. The approach to requirements gathering has been modified to help reduce iterations of coding. A new task schedule, with a far more granular level of detail (over 13K tasks) is being developed showing both SRA and contractor resources. This is critical for sound project governance and accountability.</p>	
<p>Known / Anticipated Schedule Changes: The project completion date will be more defined once the comprehensive, detailed project task schedule has been finalized.</p>	
<p>Known / Anticipated Cost Changes: Both contractors are on not-to-exceed T&M contracts. IV&Vs and PM costs were not previously included in the initial TPC. There will be additional cost associated with the extended schedule for all contractors and scope refinements. Total cost will be revised once the detailed task schedule is complete.</p>	
<p>Known / Anticipated Scope Changes: Changes include extra hardware to expedite testing, report modifications, and changes due to ongoing updates to retirement programs.</p>	
<p>Risk Assessment: Timing, funding, cost and scope remain risks for this project. A further risk is the availability of SRA resources to actively participate in requirements gathering and testing, as the SRA participants have full time duties unrelated to the project. These risks are being mitigated on several fronts: a more rigorous requirements gathering process, a detailed resource-driven schedule of tasks for all participants, strict application of formal PM processes and frequent face-to-face communication between all stakeholders.</p>	
Portfolio Review Meetings Held: 01/23/2008, 12/11/2007, 11/22/2006	Last Quarterly Update Provided: 10/03/2008
IV & V Assessments Initiated: 01/22/2008	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	5,362,972	11,595,037	16,958,009	31.63%
FF				
RF				
MITDPF				
Totals	5,362,972	11,595,037	16,958,009	31.63%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	13,695,456		3,205,078	16,900,534
FF				
RF				
MITDPF				
Totals	13,695,456		3,205,078	16,900,534

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	8,491,205	2,353,832	750,000			11,595,037
FF						
RF						
MITDPF						
Totals	8,491,205	2,353,832	750,000			11,595,037

Transportation - Aviation: Airport Engineering Information System Phase I (AEIS) (#1623)

<p>Project Description: The AEIS will consolidate data sources into a seamless, spatially accurate, relational database, which indexes to pertinent historical documentation for the purposes of providing more accurate information to the Office of Engineering & Construction Management and other MAA departments. This project consists of three modules: Electronic Document Retrieval System (EDRS), Geographical Information System (GIS) and Electronic Document Review Application (EDRA). AEIS encompasses the coordination and standardization of engineering information collection, dissemination and maintenance activities for MAA. The dissemination portion is accomplished largely by a series of web applications: EDRS, GIS, EDRA, as well as automated and manual data exchange between other MAA systems that require engineering information. Benefits of this effort include improved planning and design, reduction in COs, improved facilities maintenance, reduced utility breaks, and improved operator situational awareness. These benefits will be realized through the use of computer automated design and drafting drawings, GIS aerial photographs, scanned specifications, and maintenance manuals.</p>	
<p>Project Status: AEIS consists of a modular application with three modules at various levels of completion. The implementation of the EDRS module is complete, including user interface testing. The EDRA module is in the Design & Development phases of the SDLC.</p>	
<p>Known / Anticipated Schedule Changes: The schedule has been updated through Development and will progress in later SDLC phases.</p>	
<p>Known / Anticipated Cost Changes: Included in the CTD are design contract costs for the project paid by State funds. Last year's funding reflected \$100K more than this year, because MDOT submits a budget amendment during the legislative session to adjust the budget appropriation with estimated project cashflows in the final CTP.</p>	
<p>Known / Anticipated Scope Changes: None</p>	
<p>Risk Assessment: The two highest identified risks are: 1. The project managers with design and construction projects are not including AEIS requirements in their scope of work. To mitigate; including AEIS requirements will be mandated. 2. The engineering information delivered to MAA by contractors, is not in compliance with AEIS standards. Contract language has been developed and will be included in all future contracts. This will be established as airport policy and mandated by upper management.</p>	
<p>Portfolio Review Meetings Held: 03/06/2008, 07/20/2007</p>	<p>Last Quarterly Update Provided: 06/05/2008</p>
<p>IV & V Assessments Initiated: None</p>	<p>Peer Review Committees Assigned: None</p>

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	1,111,999	125,000	1,236,999	89.89%
FF				
RF				
MITDPF				
Totals	1,111,999	125,000	1,236,999	89.89%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	698,064	413,935		1,111,999
FF				
RF				
MITDPF				
Totals	698,064	413,935		1,111,999

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF		125,000				125,000
FF						
RF						
MITDPF						
Totals		125,000				125,000

Transportation - Aviation: Closed Circuit Television (CCTV) System Replacement (#7403)

Project Description: This project will replace the existing BWI-CCTV system with current technology, consistent with post-9/11 security needs of a modern international airport. Some of the major components are cameras, servers, application software, digital video recorders, storage area network and control and viewing stations. The system will integrate with the new BWI Controlled Access Security System (CASS) and Consolidated Dispatch Center platforms.

Project Status: Due to the relationship with CASS, this effort is still on hold to allow the CASS concept to be further developed. This system will be integrated with and may be procured concurrently with the new CASS (see Project #7402).

Known / Anticipated Schedule Changes: At this time, only initial schedule information is available. Procurement development and the Design phase are tentatively planned for FY10. There is a potential for schedule changes due to the relationship between this CCTV project and the CASS project.

Known / Anticipated Cost Changes: The \$4.4M increase from last year accounts for additional out year estimates through FY 2013, and the requirements being incorporated from the associated CASS and TSA CCTV projects. MDOT submits a budget amendment during the legislative session to adjust the current year capital budget appropriation with estimated cashflows in the final CTP.

Known / Anticipated Scope Changes: There is a potential for scope change as a result of the relationship between this CCTV project and the CASS project. Another possible scope change may arise as a result of an external dependency to Transportation Security Administrations' CCTV requirements.

Risk Assessment: There is a risk that the cost and schedule may be affected due to the relationship between this CCTV project, TSA's CCTV requirements and the CASS project.

Portfolio Review Meetings Held: 03/06/2008, 07/20/2007

Last Quarterly Update Provided: 06/05/2008

IV & V Assessments Initiated: None

Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF	111,766	19,318,000	19,429,766	0.58%
MITDPF				
Totals	111,766	19,318,000	19,429,766	0.58%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF	73,612	38,154	749,000	860,766
MITDPF				
Totals	73,612	38,154	749,000	860,766

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF		2,129,000	5,744,000	6,982,000	4,463,000	19,318,000
MITDPF						
Totals		2,129,000	5,744,000	6,982,000	4,463,000	19,318,000

Transportation - Aviation: Consolidated Dispatch Center Equipment Replacement (CDC) (#7200)

<p>Project Description: This project will replace all applications and equipment in the CDC with new life safety dispatching applications; including a fully integrated state-of-the-art, secondary Public Safety Answering Point (PSAP) compliant communications platform; and will incorporate National Emergency Number Association (E-911) compliance standards. The upgrade will provide Computer Aided Dispatch (CAD) for BWI Police, Fire & Rescue, and life safety entities within Law Enforcement/Police Operations, Security Operations and Emergency Medical Services. Additional benefits of this upgrade include interfaces to the BWI CCTV equipment and Controlled Access Security System (CASS); interoperability with the Anne Arundel County PSAP; the BWI Public Address Emergency Notification System; and the replacement of E-911 call Records Management System (RMS) equipment and functionality. This project will also provide interoperability with the planned statewide CAD/RMS to be lead by MdTA.</p>	
<p>Project Status: Due to the complexity of multiple interfaces and the interoperability essential to the success of this project, the existing Requirements Analysis documentation from FY07 was assessed and subsequently enhanced. Assessment tasks involved interviewing key personnel, legacy systems analysis and infrastructure analysis.</p>	
<p>Known / Anticipated Schedule Changes: The schedule has been updated through Design and will be progressively developed in later SDLC phases.</p>	
<p>Known / Anticipated Cost Changes: The EAC increase from last year accounts for two additional estimated out year costs, and the inclusion of the associated project's requirements being incorporated.</p>	
<p>Known / Anticipated Scope Changes: The scope will be evaluated to ensure the latest requirements are incorporated from additional assessments performed.</p>	
<p>Risk Assessment: The two identified risks relate to funding and implementation. This project requires significant capital funding. The risk mitigation strategy for funding is to prioritize essential CDC functional elements, and establish the baseline functionality that can be afforded in the initial implementation. A plan is being developed to phase-in the deferred functional elements. The implementation risk states it is critical to maintain a fully operational environment during implementation. To mitigate the implementation risk, the project team needs to ensure the selected vendor plans to include: adequate schedule slack, resource allocations, activity sequencing and quality control measures to reduce/avoid impacts from risk events.</p>	
<p>Portfolio Review Meetings Held: 03/06/2008, 07/20/2007</p>	<p>Last Quarterly Update Provided: 06/05/2008</p>
<p>IV & V Assessments Initiated: None</p>	<p>Peer Review Committees Assigned: None</p>

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	272,076	5,056,000	5,328,076	5.11%
FF				
RF				
MITDPF				
Totals	272,076	5,056,000	5,328,076	5.11%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	29,952	242,124	2,136,000	2,408,076
FF				
RF				
MITDPF				
Totals	29,952	242,124	2,136,000	2,408,076

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	476,000	537,000	1,858,000	2,185,000		5,056,000
FF						
RF						
MITDPF						
Totals	476,000	537,000	1,858,000	2,185,000		5,056,000

Transportation - Aviation: Controlled Access Security System (CASS) (#7402)

Project Description: This project will replace the existing CASS system at BWI, which is nearing the end of its life cycle. The current CASS uses old technology, significantly limiting the ability to integrate this system with other security systems such as CCTV at the airport. All camera cables and aging card readers are being evaluated and replaced and new readers are being installed. This project will be performed in parallel with the CCTV project.

Project Status: This project is in the Requirements Analysis phase of the SDLC. Requirements Analyses tasks included capturing as-built documentation, requirements verification, network analysis, new technology development capabilities analysis, and the evaluation of compliance with federal regulatory requirements.

Known / Anticipated Schedule Changes: The schedule has slipped due to continued time required for gathering key stakeholder inputs regarding legacy system information, network capacity, and other data necessary to complete the Requirements Analysis. A project schedule beyond the Requirements Analysis phase has not yet been developed, but will be updated as planning progresses.

Known / Anticipated Cost Changes: The official project EAC has not yet been developed. The cost reflected in this report is preliminary "un-engineered estimates" only and should not be construed as the final EAC. The EAC may be adjusted as a result of the requirements analysis study.

Known / Anticipated Scope Changes: It is foreseen that this project will be performed in parallel with the CCTV project so the two can be simultaneously procured, then deployed and maintained by a single vendor/systems integrator. The change to one project could potentially affect the other.

Risk Assessment: There is a risk that the cost and schedule may be affected due to the relationship between this CASS project and the CCTV project.

Portfolio Review Meetings Held: 03/06/2008, 07/20/2007

Last Quarterly Update Provided: 06/05/2008

IV & V Assessments Initiated: None

Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	104,159	10,387,000	10,491,159	0.99%
FF				
RF				
MITDPF				
Totals	104,159	10,387,000	10,491,159	0.99%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF		104,159		104,159
FF				
RF			502,000	502,000
MITDPF				
Totals		104,159	502,000	606,159

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF		911,000	2,857,000	2,880,000	3,739,000	10,387,000
FF						
RF						
MITDPF						
Totals		911,000	2,857,000	2,880,000	3,739,000	10,387,000

Transportation - Aviation: External IT Infrastructure Upgrades (#7401)

<p>Project Description: The purpose of this project is to enhance the redundancy and resiliency of MAA mission critical networks and systems by designing and constructing the first of three possible "self healing" fiber optic rings, encircling the main BWI terminal compound. Each ring will provide resilient ("self healing") communications links. The in-ground component of the infrastructure upgrade will support life safety, operational and security systems.</p>	
<p>Project Status: The preliminary design study performed in FY07 yielded a survey of site conditions and the respective preliminary Requirements. The project is now in the Design phase of the SDLC. Design activities are progressing including existing and new infrastructure routing.</p>	
<p>Known / Anticipated Schedule Changes: Dependent upon potential risks and cost changes occurring, there may be a slip in the schedule. A final project schedule will be determined once a contract is awarded in response to a solicitation scheduled for release in Q2 FY09.</p>	
<p>Known / Anticipated Cost Changes: There is a potential for cost changes, in the event that the implementation risks associated with construction delays due to movement on the airfield occurs. TPC can be better determined once proposals are received in response to a solicitation scheduled for release in Q2 FY09. The \$200K EAC decrease from last year accounts for improved out year estimates.</p>	
<p>Known / Anticipated Scope Changes: None</p>	
<p>Risk Assessment: Of the 11 risks assessed for this project by the PM, one was rated high, one was rated medium, and the balance were ranked low. The high rating pertained to funding, since the project is fully dependent upon Passenger Facility Charges, and is therefore subject to risks associated with funding delays. The medium risk was linked to implementation, because part of the fiber ring will be installed across the BWI airfield, and therefore is subject to construction delays associated with movement on the airfield.</p>	
<p>Portfolio Review Meetings Held: 03/06/2008, 07/20/2007</p>	<p>Last Quarterly Update Provided: 06/05/2008</p>
<p>IV & V Assessments Initiated: None</p>	<p>Peer Review Committees Assigned: None</p>

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF				
FF				
RF	69,021	2,602,000	2,671,021	2.58%
MITDPF				
Totals	69,021	2,602,000	2,671,021	2.58%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF				
FF				
RF	12,900	56,121	953,000	1,022,021
MITDPF				
Totals	12,900	56,121	953,000	1,022,021

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF	830,000	1,622,000	150,000			2,602,000
MITDPF						
Totals	830,000	1,622,000	150,000			2,602,000

Transportation - Aviation: Parking and Revenue Control System (PARCS) (#1270)

<p>Project Description: This project will replace the existing legacy PARCS at BWI airport, with a current technology system. The replacement system will manage the number one revenue generating program at BWI; provide new parking lot control equipment; enhanced reporting /auditing capabilities; improved customer service and reduced cash transactions. PARCS will also supply the physical infrastructure for EZ Pass (see Projects #0287, 0884, 0828); provide new ticket kiosks; proxy cards for employee parking lots. PARCS has an indirect dependency to the BWI campus fiber ring associated with the External IT Infrastructure Upgrade (see Project #7401).</p>	
<p>Project Status: The project is in the final stages of the Design phase of the SDLC. The draft design has been submitted to the appropriate MDOT stakeholders for contractual and technical review. Once the design document is approved, it will be used as the technical basis for issuing an RFP, tentatively scheduled for Q2 FY09 release to implement the design.</p>	
<p>Known / Anticipated Schedule Changes: A final project schedule will be determined once a contractor is awarded in response to a solicitation scheduled for release in Q2 FY09.</p>	
<p>Known / Anticipated Cost Changes: The increase in EAC from last year is the result of improved out year estimates for FY09 and FY10, as well as estimates being provided for FY11 and FY12, which were not previously available. EAC can be better determined once financial proposals in response to a solicitation scheduled for release in Q2 FY09 have been received. MDOT submits a budget amendment during the legislative session to adjust the current year capital budget appropriation with estimated project cashflows in the final CTP.</p>	
<p>Known / Anticipated Scope Changes: None</p>	
<p>Risk Assessment: Of the 11 risks evaluated for this project, the PM ranked one medium and the balance as low. Funding was the medium ranked risk, due to this project requiring significant capital funding.</p>	
<p>Portfolio Review Meetings Held: 03/06/2008, 07/20/2007</p>	<p>Last Quarterly Update Provided: 06/05/2008</p>
<p>IV & V Assessments Initiated: None</p>	<p>Peer Review Committees Assigned: None</p>

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	432,856	9,455,000	9,887,856	4.38%
FF				
RF				
MITDPF				
Totals	432,856	9,455,000	9,887,856	4.38%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	75,456	357,400	2,046,000	2,478,856
FF				
RF				
MITDPF				
Totals	75,456	357,400	2,046,000	2,478,856

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	592,000		1,260,000	3,665,000	3,938,000	9,455,000
FF						
RF						
MITDPF						
Totals	592,000		1,260,000	3,665,000	3,938,000	9,455,000

Transportation - Motor Vehicle: Accounts Receivable and Flag Fee Processing System (ARS) (#0646)

Project Description: Currently there are independent systems at the MVA used to track receivables related to returned checks, insurance compliance fees, direct access sale of records and referrals to the CCU. The ARS project will replace the legacy mainframe system with a central integrated system for tracking all accounts receivable. The proposed system will automate the setting and removal of flags to prevent additional MVA transactions for non-compliance; permit automated referral of delinquent accounts and improve reconciliation of receivable referrals to CCU. The system will also generate and track invoices for receivables and flag fees and manage the collection of payments.	
Project Status: While the Requirements Analysis phase is complete, additional scope is being considered as enhancements for the ARS, such as administrative flag processing and business licensing. The project is currently in the Development phase.	
Known / Anticipated Schedule Changes: Enhancements being considered may delay the schedule.	
Known / Anticipated Cost Changes: Cost changes may be forthcoming when a decision is made on the feasibility of enhancements. The variance in the FY08 appropriations between the FY07 and this report are due to MDOT budget amendment submissions during the legislative session to adjust estimated project cash flows to the current year capital budget in the Final Consolidated Transportation Program (CTP).	
Known / Anticipated Scope Changes: Additional enhancements are being considered, including administrative flag processing and business licensing.	
Risk Assessment: There is a risk of effectively automating the integration between this and other receivable processing systems.	
Portfolio Review Meetings Held: 03/04/2008, 04/30/2007, 09/12/2006	Last Quarterly Update Provided: 06/03/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	447,709	1,005,575	1,453,284	30.81%
FF				
RF				
MITDPF				
Totals	447,709	1,005,575	1,453,284	30.81%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	451,344	1,065,000	105,000	1,621,344
FF				
RF				
MITDPF				
Totals	451,344	1,065,000	105,000	1,621,344

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	833,525	172,050				1,005,575
FF						
RF						
MITDPF						
Totals	833,525	172,050				1,005,575

Transportation - Motor Vehicle: Central Scheduling System (CSS) (#0656)

Project Description: The Central Scheduling System (CSS) will be a web-based application accessible to both MVA employees and its customers. MVA employees will be able to schedule a variety of events and services provided to its customers. Authorized MVA employees will have the ability to define an activity in the system and track pertinent information about the scheduled activity. MVA customers will also be able to make appointments via the Internet or IVR phone access.	
Project Status: The CSS scope has been defined as automating the ability to schedule events associated with Hazmat, Out-Of-Country (OOC), Driver Skill Test and Motorcycle Safety via Intranet and Internet access. Hazmat and OOC functionality are in production for the MVA Intranet. OOC is expected to be on the Internet by Aug. 2008 and Motor Cycle Safety is in testing for Intranet functionality. Driver Skill Test is currently on hold to allow the team the time to focus on the encryption security issues.	
Known / Anticipated Schedule Changes: Schedule changes are anticipated with the delay in implementation of some services.	
Known / Anticipated Cost Changes: COs for additional equipment and encryption software increased the project EAC. The variance to the FY08 appropriations in the FY07 and FY08 Legislative Reports are due to MDOT budget amendment submissions during the legislative session to adjust estimated project cash flows to the current year capital budget in the Final Consolidated Transportation Program (CTP).	
Known / Anticipated Scope Changes: None	
Risk Assessment: Delays in the Driver Skill Test could impact the overall project schedule. Insufficient funding exists through FY09 to accommodate the project's EAC.	
Portfolio Review Meetings Held: 03/04/2008, 04/30/2007	Last Quarterly Update Provided: 06/03/2008
IV & V Assessments Initiated: 10/12/2007	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	1,508,148	1,338,400	2,846,548	52.98%
FF				
RF				
MITDPF				
Totals	1,508,148	1,338,400	2,846,548	52.98%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	523,289	984,859		1,508,148
FF				
RF				
MITDPF				
Totals	523,289	984,859		1,508,148

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	1,338,400					1,338,400
FF						
RF						
MITDPF						
Totals	1,338,400					1,338,400

Transportation - Motor Vehicle: Customer Traffic Management 2 (CTM2) (#0626)

Project Description: Customer Traffic Management 2 (CTM2) is a traffic management system that tracks, routes, processes and prioritizes customer flow and employee workloads. The new system will allow managers to balance the load of both the customer flow and employee workload as a means of optimizing service. CTM 2 will also enable customers in certain locations to have access to MVA services via kiosks and provide access via the Internet to verify wait times prior to visiting branch offices.	
Project Status: The CTM 2 project has completed Project Initiation & Planning, Requirements Analysis, and System Design. The implementation of the project, starting with the System Development phase, is proceeding slowly in light of the discovery of high implementation risk items. This has led to a few deliverables being delayed, due to deliberation with regard to project execution.	
Known / Anticipated Schedule Changes: The slow down in the Development phase may result in a delay in the final schedule.	
Known / Anticipated Cost Changes: Cost may rise if risk mitigation requires changes to internal infrastructure.	
Known / Anticipated Scope Changes: The risk of inadequate infrastructure and integration with the Driver's License System (DLS) may cause changes to overall project scope.	
Risk Assessment: There is a risk that integration with the DLS will be more difficult than anticipated. There is also a risk associated with adequate electrical and IT infrastructure being in place in time for full implementation of the system. There is a funding risk as the current project EAC exceeds appropriated funds through FY09.	
Portfolio Review Meetings Held: 03/04/2008	Last Quarterly Update Provided: 06/03/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	1,266,009	2,145,248	3,411,257	37.11%
FF				
RF				
MITDPF				
Totals	1,266,009	2,145,248	3,411,257	37.11%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF		1,266,009	889,083	2,155,092
FF				
RF				
MITDPF				
Totals		1,266,009	889,083	2,155,092

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	2,039,083	106,165				2,145,248
FF						
RF						
MITDPF						
Totals	2,039,083	106,165				2,145,248

Transportation - Motor Vehicle: Kiosk and Internet Services (KIS) (#0657)

Project Description: This project is for the design, development and implementation of a new generation of kiosks as well as a web interface, replacing the current eMVA Home Store which currently offers 14 different types of transactions. Alternative service delivery options will be offered, enabling customers to obtain duplicate registration cards and renew registrations and stickers directly from the kiosk. All other products will be fulfilled by the MVA attendant from a print area that is secured from public access. The new kiosks will also accept payment by cash, credit or check. Updated capacity and functionality will allow the MVA to meet future transaction demands while improving customer satisfaction through reduced service wait time, which is a core goal of the agency.	
Project Status: NTP was issued Jan. 2008. The project is currently in the Development phase of the SDLC.	
Known / Anticipated Schedule Changes: None	
Known / Anticipated Cost Changes: None	
Known / Anticipated Scope Changes: None	
Risk Assessment: Critical to the success of this project is the effective interfacing of the new kiosks with existing MVA systems. There is insufficient funding through FY09 to support the project's EAC.	
Portfolio Review Meetings Held: None	Last Quarterly Update Provided: 06/03/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	857,063	5,875,545	6,732,608	12.73%
FF				
RF				
MITDPF				
Totals	857,063	5,875,545	6,732,608	12.73%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	87,063	770,000	2,850,000	3,707,063
FF				
RF				
MITDPF			150,000	150,000
Totals	87,063	770,000	3,000,000	3,857,063

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	3,417,848	1,714,697	743,000			5,875,545
FF						
RF						
MITDPF						
Totals	3,417,848	1,714,697	743,000			5,875,545

Transportation - State Highway: Document Management & Imaging System (DMIS) (#2008)

<p>Project Description: The purpose of the DMIS project is to provide SHA with the ability to capture, store, organize, retrieve, and route a wide variety of digital assets, including documents, forms, reports, images and videos via a COTS system. The new system will be supported by database allowing the storage, sharing and exchange of scanned electronic images, thereby enabling efficient business process improvement through workflow automation of electronic documents.</p>	
<p>Project Status: The project was initiated in Sept. 2006 after awarding a contract for the Concept Development, Planning, and Requirements Analysis SDLC phases. The final phase deliverable is a draft RFP, which is currently being refined before it is presented to DoIT for review and release in Nov. 2008.</p>	
<p>Known / Anticipated Schedule Changes: During FY08 the planning phase schedule was expanded to a full project schedule. However, SHA will revise and commit to a final schedule following the expected Q4 FY09 contract award.</p>	
<p>Known / Anticipated Cost Changes: EAC has increased by \$110K due substantially to the addition of FY09 planned IV&V costs and represents a rough order of magnitude for the fully delivered scope. Current funding provides for a base implementation and pilot projects only. MDOT/SHA would need to provide additional funding for individual projects beyond the base implementation. FY08 appropriation was significantly reduced from previous report during MDOT's mid-year budget amendment to align funding with the CTP.</p>	
<p>Known / Anticipated Scope Changes: There exists potential for increased scope as SHA includes all MDOT modals in the review of the FRD and draft RFP to ensure any chosen solution can be scaled to meet their document management and imaging needs in the future.</p>	
<p>Risk Assessment: Project implementation will entail major changes to SHA organizational culture, business processes, procedures and policies. These changes required significant support from the project sponsor and may temporarily impact operational performance during implementation. If the MDOT-wide review of the FRD results in additions to scope, these additions may extend the schedule and increase complexity of the solution, as it will change development priorities from a solely SHA focused solution.</p>	
Portfolio Review Meetings Held: 04/02/2008	Last Quarterly Update Provided: 07/04/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	314,398	4,812,445	5,126,843	6.13%
FF				
RF				
MITDPF				
Totals	314,398	4,812,445	5,126,843	6.13%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	261,548	52,850	2,530,333	2,844,731
FF				
RF				
MITDPF				
Totals	261,548	52,850	2,530,333	2,844,731

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	534,044	2,278,955	1,499,446	500,000		4,812,445
FF						
RF						
MITDPF						
Totals	534,044	2,278,955	1,499,446	500,000		4,812,445

Transportation - State Highway: Highway Maintenance Management System (HMMS) (#2017)

Project Description: This project will implement an HMMS to store historical data, produce trend reporting and forecast future resource requirements, as well as provide options under various funding scenarios in support of the maintenance of roadway and bridge assets.	
Project Status: SHA completed JAD sessions to finalize the draft Functional Requirements Document (FRD). This resulted in a redaction of the FMIS bi-directional interface requirements in the final FRD. Completion of the RFP, specifying a customizable COTS product, is now expected for release in October 2008 and contract award is expected in early in FY09.	
Known / Anticipated Schedule Changes: Schedule slip exceeds 10 months due primarily to scope reduction evaluation.	
Known / Anticipated Cost Changes: EAC cost increased in FY08, as a result of the detailed requirements definition, resulting in a reassessment of project scope. A revised EAC, after removal of FMIS to HMMS interface requirements, has yet to be determined. An MDOT mid-year budget amendment is processed yearly adjusting appropriations to spending; accounting for the difference in reported FY08 appropriation.	
Known / Anticipated Scope Changes: After assessing costs to support bi-directional FMIS interface, SHA has removed the requirement for an HMMS to FMIS financial interface update to reduce interface complexity, risks, and limit EAC.	
Risk Assessment: There are competing intra-departmental viewpoints on project requirements that may impact progress. Uncertainty and/or resistance about the project exists because of possible business process changes.	
Portfolio Review Meetings Held: 04/02/2008	Last Quarterly Update Provided: 09/12/2008
IV & V Assessments Initiated: 08/08/2007	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	1,092,389	4,644,948	5,737,337	19.04%
FF				
RF				
MITDPF				
Totals	1,092,389	4,644,948	5,737,337	19.04%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	447,121	645,268	1,829,363	2,921,752
FF				
RF				
MITDPF				
Totals	447,121	645,268	1,829,363	2,921,752

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	1,382,570	1,392,593	990,280	479,505	400,000	4,644,948
FF						
RF						
MITDPF						
Totals	1,382,570	1,392,593	990,280	479,505	400,000	4,644,948

Transportation - State Highway: HR Data Warehouse Repository & Integration (HRData) (#2041)

Project Description: This project focuses on designing a human resource data warehouse and developing the integration points that will be fed from the MDOT HR system, providing secure enterprise access and data entry and reposting back to MDOT HR. Project scope includes employee demographic, classification, salary history, benefits selection, emergency contact information, retirement data and SHA entry date. A number of stand alone systems (i.e. Drug & Alcohol Testing Database, SIGMA and the Cell Phone Database) would be replaced eliminating the need for duplicate data entry and ensuring data integrity in one enterprise system. The application will capture, track and report the status and disposition of incidents, disciplinary actions and grievances and employee reclassifications.

Project Status: While having received the contract deliverables of System Boundary, Risk Management and Project Management plans, this project is being placed on indefinite hold, effective the start of FY 2009, given the program funding constraints within the MDOT Transportation Trust Fund.

Known / Anticipated Schedule Changes: Project is on indefinite hold.

Known / Anticipated Cost Changes: None.

Known / Anticipated Scope Changes: None.

Risk Assessment: The agency-wide scope expansion being considered would add significant complexity to interfaces, business process changes and entail significantly expanded stakeholder and customer management project overhead, with related cost and schedule changes.

Portfolio Review Meetings Held: 04/02/2008

Last Quarterly Update Provided: 09/15/2008

IV & V Assessments Initiated: None

Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	749,040		749,040	100.00%
FF				
RF				
MITDPF				
Totals	749,040		749,040	100.00%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF		749,040	904,590	1,653,630
FF				
RF				
MITDPF				
Totals		749,040	904,590	1,653,630

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF						
Totals						

Transportation - State Highway: Materials Management System (MMS) (#2040)

<p>Project Description: The MMS will be an electronic means of storing and sharing the data, approvals, rejections, pay factors and reports developed by the Office of Materials Technology (OMT). The MMS will act as a central repository for all highway construction material testing and approval information and will generate and distribute material sampling schedules. OMT has completed a strategic plan outlining the specific tools that need to be developed to implement a materials management system. It is envisioned that these tools will be independently developed as separate but integrated applications. The MMS will include the following tools based on a preliminary review of current material management needs: Materials Clearance Application Set, Laboratory Information Management System, Material Source Database, Qualified Product Listing Database, Material QC/QA Tools and Material Quality Reporting Tools.</p>	
<p>Project Status: A Charter and Concept Proposal were completed in Jan. 2008 and established MMS to be a large scale project. The Systems Boundary Document (Feasibility Study), completed in May 2008, defined the project's risk and scope and established project objectives to begin requirements gathering, which started in June 2008. Currently envisioned as a program of related projects whose breakdown will be determined through the Planning and Requirements Analysis phases of this effort.</p>	
<p>Known / Anticipated Schedule Changes: The baseline schedule will be formally defined upon contract award.</p>	
<p>Known / Anticipated Cost Changes: This series of projects will be design, built and implemented over several years and some funding change is to be expected. Current EAC is speculative until the contract is awarded (est. Nov. 2008).</p>	
<p>Known / Anticipated Scope Changes: The project's requirements are currently under development.</p>	
<p>Risk Assessment: MMS interface development to SHA enterprise databases, MDOT FMIS and other existing management systems will involve significant analysis, planning and implementation costs, which will not be well known until late in the Requirements phase.</p>	
Portfolio Review Meetings Held: 04/02/2008	Last Quarterly Update Provided: 09/12/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	123,147	3,819,875	3,943,022	3.12%
FF				
RF				
MITDPF				
Totals	123,147	3,819,875	3,943,022	3.12%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF		123,147	1,215,090	1,338,237
FF				
RF				
MITDPF				
Totals		123,147	1,215,090	1,338,237

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	489,755	1,254,657	1,495,958	379,505	200,000	3,819,875
FF						
RF						
MITDPF						
Totals	489,755	1,254,657	1,495,958	379,505	200,000	3,819,875

Transportation - State Highway: SHA Asset Management System (AMS) (#2038)

Project Description: The ASM project will consist of refining the requirements and development of software tools to support better management of SHA's transportation infrastructure assets. Envisioned tools will improve asset inventory practices, integrate condition assessment data in asset databases, and aid in decision-making for project/program development. It is envisioned that this project will be managed as a series of two sub-projects. The first sub-project will be the design, development, and implementation of a highway asset data warehouse. The second sub-project will be the development and implementation of decision support tools to assist SHA managers in making better and timelier decisions with regard to the management of highway assets.	
Project Status: The ASM Project Charter was established in Dec. 2007 with a System Boundary Document (Feasibility Study) and Risk Management Plan completed in June 2008. The project's Planning phase will begin in July 2008.	
Known / Anticipated Schedule Changes: None	
Known / Anticipated Cost Changes: EAC is an estimate until requirements are defined and contract award is made.	
Known / Anticipated Scope Changes: A preliminary scope was defined in the Systems Boundary Document but will not become committed until acceptance of the Functional Requirements Document due in early 2009.	
Risk Assessment: A Risk Management plan has been completed and the project's overall risk profile is low but this may change as detailed requirements are developed. There is however, insufficient funding to date to cover the EAC for the project.	
Portfolio Review Meetings Held: 04/02/2008	Last Quarterly Update Provided: 09/12/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	218,236	4,374,369	4,592,605	4.75%
FF				
RF				
MITDPF				
Totals	218,236	4,374,369	4,592,605	4.75%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF		218,236	1,422,090	1,640,326
FF				
RF				
MITDPF				
Totals		218,236	1,422,090	1,640,326

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	1,041,670	1,583,009	650,000	620,185	479,505	4,374,369
FF						
RF						
MITDPF						
Totals	1,041,670	1,583,009	650,000	620,185	479,505	4,374,369

Transportation - Transit: Agency Wide Communications Trunking (AWCT) (#0717)

Project Description: The AWCT consists of the construction of a complete Tunnel Radio Communications (TRC) system for the Metro line tunnel segment comprised of eight underground subway stations, approximately five miles of dual tunnel, and rooftop antenna sites in Baltimore. The TRC will provide dual band capability for the 8-channel MTA 490 MHz (UHF) trunked simulcast radio system and the 28-channel City of Baltimore 800 MHz trunked simulcast radio system. When completed, the system will support the use of trunked UHF radios in Metro stations and in tunnels, ultimately extending the coverage of the City of Baltimore Fire and Police radio system to Metro underground locations.

Project Status: This project is closed. Training and the final inspection is complete, punch list corrections have been performed, and the as-built documentation and spares have been received. A claim submitted by the contractor for \$845,647 was settled and negotiated at \$295,507 (due to delays caused by lack of escorts and increased duration of the contract with other change orders). A final CO has been developed and this will go to BPW for approval in Fall 2008.

Known / Anticipated Schedule Changes: The project close was delayed several months due to contract claim negotiations.

Known / Anticipated Cost Changes: A CO to cover the negotiated \$295,507 from the contractor claim is scheduled to go to the Board by the fall of 2008.

Known / Anticipated Scope Changes: None

Risk Assessment: None

Portfolio Review Meetings Held: 08/23/2006

Last Quarterly Update Provided: 06/30/2008

IV & V Assessments Initiated: None

Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	7,315,303		7,315,303	100.00%
FF	4,122,738		4,122,738	100.00%
RF				
MITDPF				
Totals	11,438,041		11,438,041	100.00%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	7,019,796	295,507		7,315,303
FF	4,122,738			4,122,738
RF				
MITDPF				
Totals	11,142,534	295,507		11,438,041

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF						
Totals						

Transportation - Transit: Agency Wide Smart Card (AWSC) (#0884)

<p>Project Description: This project is the first of three related MTA projects being managed as the Automatic Fare Collection (AFC) Program (see projects #0287 and #0828). This project will implement a bus fare collection system and a fully integrated rail system for the MTA Subway, Light Rail and Maryland Rail Commuter (MARC) lines to provide an AFC System. The AFC System will seamlessly link magnetic tickets and Smart Cards to all modes of mass transit throughout the State of Maryland, Washington DC, and Northern Virginia. MTA is piggy-backing this project off of the regional system program led by the Washington Metro Area Transportation Authority (WMATA).</p>	
<p>Project Status: Due to multiple claims and work stoppage, project completion has been delayed. AWSC is in the final stages of Implementation. The installation of ticket vending machines was completed in Aug. 2007 for Light Rail and Metro. MTA is planning the installation of shelters, communications and power in CY 2009. Introduction of Smart Cards to the general public has been delayed as a result of problems with the completion of the regional system. MARC Express Recharge Machine installation is also delayed. WMATA now has a new project team implementing changes to the regional project. Upgrading the TVMs for credit card acceptance is delayed awaiting Cubic's design for upgrading to the new Payment Card Industry (PCI) security requirements.</p>	
<p>Known / Anticipated Schedule Changes: There was a further slip in shedule due to installations not proceeding as a result of problems with WMATA's regional system project. The schedule continues to be a constant concern because of this project's dependence upon the WMATA system.</p>	
<p>Known / Anticipated Cost Changes: There is a potential for a cost increase due to schedule slippage. The actual amount will not been determined until feedback is received from WMATA. Updated out year costs account for the decrease of \$3.2M in EAC from last year.</p>	
<p>Known / Anticipated Scope Changes: There is a potential for scope change based on schedule slippage, potential cost increases, and the overall risk for the project being heavily dependant upon WMATA's contract.</p>	
<p>Risk Assessment: MTA's reliance on the WMATA contracts for the regional system project is the dominant risk for this project.</p>	
<p>Portfolio Review Meetings Held: 03/11/2008, 05/11/2007, 08/23/2006</p>	<p>Last Quarterly Update Provided: 06/05/2008</p>
<p>IV & V Assessments Initiated: 02/21/2008</p>	<p>Peer Review Committees Assigned: None</p>

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	50,173,886	5,939,000	56,112,886	89.42%
FF				
RF				
MITDPF				
Totals	50,173,886	5,939,000	56,112,886	89.42%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	45,600,810	4,573,076	5,000,000	55,173,886
FF				
RF				
MITDPF				
Totals	45,600,810	4,573,076	5,000,000	55,173,886

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	3,083,000	1,856,000	1,000,000			5,939,000
FF						
RF						
MITDPF						
Totals	3,083,000	1,856,000	1,000,000			5,939,000

Transportation - Transit: Bus Automatic Vehicle Monitoring (AVM) (#1071)

Project Description: The Bus Automatic Vehicle Monitoring project was initiated to stop the practice of running bus engines overnight (during the winter) in the neighborhood of the Kirk Avenue bus depot. The project allows wireless updates to existing vehicle onboard systems (signs and announcements) from a central location, reducing future deployment costs associated with schedule and route changes. Additionally, automatic vehicle maintenance data downloads into Maximo, the central database, will be possible after some wireless security issues are resolved.	
Project Status: This project is complete and is currently in the Operations & Maintenance phase of the SDLC. Training completed at the end of Feb. 2008, all deliverables have been received, close-out tasks were completed in Apr. 2008 and final payment was issued to the contractor.	
Known / Anticipated Schedule Changes: None	
Known / Anticipated Cost Changes: O&M costs will be funded through the MDOT operating program and therefore not included as part of the EAC.	
Known / Anticipated Scope Changes: None	
Risk Assessment: None	
Portfolio Review Meetings Held: 03/11/2008, 05/11/2007, 08/23/2006	Last Quarterly Update Provided: 06/05/2008
IV & V Assessments Initiated: None	Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	2,024,803		2,024,803	100.00%
FF				
RF				
MITDPF				
Totals	2,024,803		2,024,803	100.00%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	2,024,803			2,024,803
FF				
RF				
MITDPF				
Totals	2,024,803			2,024,803

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF						
RF						
MITDPF						
Totals						

Transportation - Transit: Bus Computer Aided Dispatch Auto Vehicle Locator (CAD/AVL) (#0813)

Project Description: The Bus CAD/AVL will furnish and install the equipment required for expanding the existing radio data channel system from one channel to three channels. The data channel system will be used to support the Bus AVL data communications function. Data communications supports the location and tracking function, the emergency alarm function, and the data messaging function. The expansion of the additional channels will establish communication between the bus and radio dispatch. The project includes design and construction of electronic signage to advise passengers of the time that the next bus will arrive via Next Vehicle Arrival (NVA) signage.

Project Status: MDOT has signed off on SmartTrack security scan. The project is awaiting the MTA IT department to connect the SmartTrack system to the MTA LAN. Upon connection to the LAN, the contractor will install 8 AVL-only workstations at designated MTA sites. Ancillary electrical contractors are installing power cabling and NVA sign mounting brackets at 25 bus stop locations and a separate contractor will follow with the installation of the actual NVA signs.

Known / Anticipated Schedule Changes: The projected end date did slip, due to legal issues surrounding the installation of NVA signs in CBS Outdoor shelters, as well as not having enough shelters in which to install the NVA signs. The targeted completion of Implementation is scheduled for Q4 FY09.

Known / Anticipated Cost Changes: Last years EAC was incorrectly reported. The actuals were CTP \$7,555,920 and EAC \$11,355,920. The difference between last year and this year account for additional out year estimates.

Known / Anticipated Scope Changes: None

Risk Assessment: The risk of availability of bus shelters with electrical power is limited and the mitigation strategy recommended having new shelters built. Contractors began building power shelters, but there is a delay due to new BGE metering requirements.

Portfolio Review Meetings Held: 03/11/2008, 05/11/2007

Last Quarterly Update Provided: 06/05/2008

IV & V Assessments Initiated: None

Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	8,800,729		8,800,729	100.00%
FF	119,514	2,989,000	3,108,514	3.84%
RF				
MITDPF				
Totals	8,920,243	2,989,000	11,909,243	74.90%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	7,604,175	1,196,554	1,500,000	10,300,729
FF	119,514			119,514
RF				
MITDPF				
Totals	7,723,689	1,196,554	1,500,000	10,420,243

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF	1,147,000	1,757,000	85,000			2,989,000
RF						
MITDPF						
Totals	1,147,000	1,757,000	85,000			2,989,000

Transportation - Transit: Bus Upgrade Revenue/Data Collection (#0884/0287)

Project Description: This project is the second of three related MTA projects being managed as the AFC Program. The objective is to plan, design, and procure a replacement bus fare collection system, including fareboxes. The farebox is a validating type that will accept multi-denominations of bills and coins, and includes a credit card size magnetic encoding ticket issuer and a device for accepting Smart Cards. The Commuter Bus will receive a Stand Alone Smartcard system (SASS) with the cash farebox. The system will provide the agency with the ability to simplify its fare structure, automate patron tracking and ridership calculations.

Project Status: The farebox system has been installed on all core system buses at the MTA. The SASS system for Commuter Bus has not been installed, awaiting availability of Smart Card features from the regional system. MTA is holding back \$350,000 from the contractor due to their failure to provide an acceptable solution for Smart Card use by Baltimore City Schools. The delivered Design requires that the planned regional system be fully operational. WMATA manages the regional project contract and it continues to be delayed; however, WMATA now has a plan in place to move the project forward by reallocating work from one contractor to another. MTA is evaluating the use of magnetic fare media for the schools instead of Smart Cards.

Known / Anticipated Schedule Changes: The delivered design requires that the planned regional system be fully operational. WMATA manages the regional contract which continues to be delayed forcing a delay for this project.

Known / Anticipated Cost Changes: MTA is holding back \$350K due to the vendor's failure to provide an acceptable solution for Smart Card use by Baltimore City Schools.

Known / Anticipated Scope Changes: None

Risk Assessment: There is a risk of this project's heavy dependence upon the WMATA regional system contract.

Portfolio Review Meetings Held: 03/11/2008, 05/11/2007, 08/23/2006

Last Quarterly Update Provided: 06/05/2008

IV & V Assessments Initiated: None

Peer Review Committees Assigned: None

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	12,773,978		12,773,978	100.00%
FF	14,780,006	1,281,000	16,061,006	92.02%
RF				
MITDPF				
Totals	27,553,984	1,281,000	28,834,984	95.56%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	12,349,612	424,363	59,000	12,832,975
FF	13,148,149	1,631,860		14,780,009
RF				
MITDPF				
Totals	25,497,761	2,056,223	59,000	27,612,984

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF						
FF	1,281,000					1,281,000
RF						
MITDPF						
Totals	1,281,000					1,281,000

Transportation - Transit: LOTS Smart Card Upgrade (#0884/0828)

<p>Project Description: This project is the third of three related MTA projects being managed as the AFC Program. The purpose of this project is to provide Smart Card/Automatic Farebox Collection Systems, as well as replace existing fareboxes for the Locally Operated Transit Systems (LOTS) in the State of Maryland. Based on direction from MDOT, Frederick, Howard, and Prince George's counties were informed that MTA would purchase and install the new farebox equipment, but that each transit system would be fully responsible for the maintenance and support of the equipment. Prince George's County (PGC) is the only local system that has accepted responsibility for maintenance and support. PGC will be provided with new farebox revenue collection and data reporting system including fareboxes, a computerized data collection system, farebox vaults, and assorted hardware/software applications, magnetic tickets and Smart Cards.</p>	
<p>Project Status: MTA hired a consultant to assist PGC in finalizing their implementation plans. The detailed plan encompasses information that includes site-specific information on the transit facility, transit system information, operating parameters, fare structure and configuration of equipment, installation, training, and marketing plans for each. The plan will also include a transit-specific risk assessment and contingency plan. The installation of the fare collection system is scheduled for Oct. 2008.</p>	
<p>Known / Anticipated Schedule Changes: The current schedule has the start of the fare collection system installation targeted for October 2008.</p>	
<p>Known / Anticipated Cost Changes: Costs identified with O&M are funded through the MDOT operating program and are, therefore, not included as part of the TPC.</p>	
<p>Known / Anticipated Scope Changes: None</p>	
<p>Risk Assessment: This project is dependent on many variables controlled by other regional components - MTA, WMATA, regional clearing and settlement contract. WMATA has committed to providing the technical support for the project once it is implemented through various IT contracts. WMATA has verified connectivity of PGC to the region and is developing reports for the county.</p>	
<p>Portfolio Review Meetings Held: 03/11/2008, 05/11/2007, 08/23/2006</p>	<p>Last Quarterly Update Provided: 06/05/2008</p>
<p>IV & V Assessments Initiated: None</p>	<p>Peer Review Committees Assigned: None</p>

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	2,387,751	4,955,000	7,342,751	32.52%
FF				
RF				
MITDPF				
Totals	2,387,751	4,955,000	7,342,751	32.52%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	2,337,096	50,655	5,006,000	7,393,751
FF				
RF				
MITDPF				
Totals	2,337,096	50,655	5,006,000	7,393,751

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	1,701,000	1,100,000	2,154,000			4,955,000
FF						
RF						
MITDPF						
Totals	1,701,000	1,100,000	2,154,000			4,955,000

Transportation - Transit: Scheduling System Upgrade (#0513)

<p>Project Description: This project will replace the existing bus scheduling system, which is over 15 years old. This project will purchase and install Trapeze software, upgrade equipment as needed, and provide training for end users in the new product. The new scheduling software will allow MTA to schedule bus routes and track individual buses according to a planned schedule. MTA will install NVA signs to tell customers when the next bus will be arriving. MTA's mobility service uses the same software platform. Integration of software with CAD/AVL system allows monitoring of buses and integration with MTA's current dispatch software, which supplies information used for paying the bus operators and personnel. The system will reduce redundancies in data input and cumbersome data sharing among different systems within MTA.</p>	
<p>Project Status: This project is a phased implementation, made up of two phases. Phase I data development is running the latest scheduling data. Various Phase I components are complete and have transitioned into O&M. A refresher training program is scheduled for Nov. 2008. Phase II OPS (Timekeeping and Workforce Management) and Info-WEB operational reviews were conducted June 10-13. Trapeze is performing Requirements Analysis in preparation for completing a project plan, and Info-WEB analyses is complete with implementation tentatively scheduled for Aug. 2008. Info-Publish is in the Planning phase while concurrently completing Requirements Analyses.</p>	
<p>Known / Anticipated Schedule Changes: The potential identified risk could extend the project schedule.</p>	
<p>Known / Anticipated Cost Changes: There is an increase of \$1,097,868 from FY07. \$920,868 accounts for an additional year of implementation. Info-Publish is listed as an option in the contract and MTA has initiated a \$177K CO to exercise this option to allow the MTA Service Department to have the capability to update the information boxes that service several of their bus stop locations for customers.</p>	
<p>Known / Anticipated Scope Changes: The potential identified risk could increase the project scope.</p>	
<p>Risk Assessment: One risk identified and ranked medium deals with the OPS module having to integrate with the in-house MTA union payroll system. Changes to the MTA union payroll system could escalate the risk ranking to high, and could affect scope, schedule and cost. This risk will be monitored for the duration of the project.</p>	
<p>Portfolio Review Meetings Held: 03/11/2008, 05/11/2007</p>	<p>Last Quarterly Update Provided: 06/05/2008</p>
<p>IV & V Assessments Initiated: None</p>	<p>Peer Review Committees Assigned: None</p>

Financial Summary

Project Costs				
Funding Type	Cost to Date through FY 2008	Out Year Costs	Estimate at Completion	% of EAC Spent through FY 2008
GF				
SF	1,948,247	2,411,000	4,359,247	44.69%
FF				
RF				
MITDPF				
Totals	1,948,247	2,411,000	4,359,247	44.69%

Project Funding				
Funding Type	Funding through FY 2007	Funding FY 2008	Funding FY 2009	Total Funding to Date
GF				
SF	904,531	809,184	1,000,000	2,713,715
FF	234,532			234,532
RF				
MITDPF				
Totals	1,139,063	809,184	1,000,000	2,948,247

Out Year Cost Detail						
Funding Type	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Out Year Costs
GF						
SF	970,000	1,256,000	185,000			2,411,000
FF						
RF						
MITDPF						
Totals	970,000	1,256,000	185,000			2,411,000