



Information Technology Investment Fund

Required by Public Act 268 of 2016 Section 814

Prepared for
House and Senate Appropriations Sub-Committees
Department of Technology, Management and Budget
2nd Quarter Fiscal Year 2017

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Overview

Boilerplate requirements within Public Act 268 of 2016 include the following language:

Sec. 814. The department of technology, management, and budget shall develop a plan regarding the use of the funds appropriated in part 1 for the enterprisewide information technology investment projects. The plan shall include, but not be limited to, a description of proposed information technology investment projects, the time frame for completion of the information technology investment projects, the proposed cost of the information technology investment projects, the number of employees assigned to implement each information technology investment project, the contracts entered into for each information technology investment project, and any other information the department deems necessary. The plan shall be distributed to the senate and house of representatives standing committees on appropriations subcommittees on general government, as well as the senate and house fiscal agencies, and the state budget director on a quarterly basis. The submitted plan shall also include anticipated spending reductions or overages for each of the proposed information technology investment projects. The department of technology, management, and budget shall notify the senate and house of representatives standing committees on appropriations subcommittees on general government, the senate and house fiscal agencies, and the state budget director when a project funded under an information technology investment project line item in part 1 is expected to require a transfer of dollars from another project in excess of \$500,000.00.

Sec. 814a. The funds appropriated in part 1 for information technology investment projects shall be used for the modernization of state information technology systems, improvement of the state's cyber security framework, and to achieve efficiencies.

This report provides information on the Information Technology projects approved by the DTMB for the Information Technology (IT) Investment Fund. The information reflects all project work through March 31, 2017, and provides descriptions of the projects approved to date.

Transparency Portfolio Reporting

The DTMB publishes public-facing reports on OpenMichigan.gov. One of the dashboards is updated every other week and specifically reports on the IT Investment Fund projects.

http://www.michigan.gov/openmichigan/0,4648,7-266-58520_63185---,00.html

For questions please contact Greg DeCamp, DTMB Budget Officer at (517) 241-8540.

Executive Summary

IT Investment Fund Governance Model

The IT Investment Fund Governance model that was implemented in FY 2013 to ensure taxpayer dollars are spent efficiently continues to be successful, with a total of 32 projects being completed through March 31, 2017.

The purpose of the IT Investment Fund Governance model as a whole is to oversee the following activities:

- Evaluation and validation of investments in IT Investment Fund projects.
- Management of risk in both project execution and decision-making, thereby preserving financial resources and ensuring value propositions are realized.
- Definition and measurement of fund performance; this includes the initiation of activities and introduction of change as required to address organizational performance deficiencies that impact the fund.

Portfolio Quality and Project Assurance Services

Due to the criticality and high complexity of the IT Investment Fund projects, a portfolio quality and project assurance function exists to ensure that all parties, internal employees, external contractors, and vendors are meeting their obligation to the State. This function performs regularly scheduled meetings with the project manager to ensure that the State's methodology and processes are followed, and risks and issues are aggressively and proactively managed providing a clear escalation path to the project executives and the IT Investment Fund Oversight Group and Executive Governance Board for resolution.

If the project is heavily dependent on external vendor resources, an additional set of verification and validation activities will be performed to ensure vendor obligations to the state are being met throughout the project.

It is a requirement that all projects included in the IT Investment Fund portfolio include dedicated roles to perform the project quality assurance services.

Results

The executive commitment and support of the Governance model and Project Assurance model has proven to be invaluable. In FY 2017, through March 31, 2017 the State has completed 4 IT Investment Fund projects on time and within budget. Combined with the 28 completed projects from portfolio inception in FY 2013, the IT Investment Fund has completed a total of 32 projects total, all within budget and on-time with approved change requests. Additional details are outlined in this report.

Benefits Realization Summary

The IT Investment Fund portfolio management team is implementing a process to better define, track, and measure the benefits identified to be delivered and realized as project outcomes. This process is currently being implemented and benefits are being gathered, measured, and validated. Status and progress updates will continue to be provided in the upcoming reports.

IT Investment Fund Project Portfolio Summary

As of March 31, 2017, the IT Investment Fund Portfolio contains 57 projects.

- 32 projects are complete (shaded below).
- 23 projects are active.
- 1 project is in planning.
- 1 project is on hold.

| Agency | Project Title | Target FY Complete | FY13-FY16 ITIF Budget | FY17 ITIF Budget | ITIF Spend as of 3/31/2017 |
|-----------|---|--------------------|-----------------------|------------------|----------------------------|
| DARD | Agencywide Licensing and Inspection System | 2018 | 7,049,300 | - | 3,850,902 |
| DHHS | Electronic Medical Business Records System (EMBRs) | 2015 | 11,200,000 | - | 10,578,940 |
| DHHS | EMBRs Billing And Patient Accounts Modules | 2017 | 621,060 | - | 29,221 |
| DHHS | Data Hub Program-MICAM Phase 1 | 2015 | 159,053 | - | 159,053 |
| DHHS | Data Hub Program-MICAM Phase 2 | 2016 | 711,006 | - | 711,006 |
| DHHS | Data Hub Program-MILogin Phase 2 – Medicaid | 2017 | 129,941 | - | 44,365 |
| DHHS | Electronic Death Registry System (EDRS) | 2015 | 1,150,000 | - | 940,203 |
| DHHS | ICD-10 Diagnosis Code Conversion Project | 2016 | 2,000,000 | - | 2,000,000 |
| DHHS | ICD-10 Optimization Project | 2017 | 1,033,900 | - | 158,690 |
| DHHS | Medicaid Compliance Program (MCP) | 2017 | 15,200,000 | - | 15,200,000 |
| DHHS | Enterprise PMO Data Hub Infrastructure Program | 2017 | 5,000,000 | - | 4,425,847 |
| DEQ | Remedial Information & Data Exchange (RIDE) | 2020 | 1,400,000 | - | 1,400,000 |
| DHS | Statewide Automated Child Welfare Information System (MiSACWIS) | 2014 | 3,900,000 | - | 3,792,885 |
| DHS | MiCSES IBM Efficiency Roadmap | 2014 | 400,000 | - | 379,060 |
| DMVA | Electronic Medical Business Records System (EMBRs) | 2016 | 2,300,000 | - | 1,488,759 |
| DOC | Offender Management Legacy Modernization Phase1 | 2014 | 6,023,157 | - | 6,023,157 |
| DOC | Offender Management Legacy Modernization Phase2 | 2017 | 6,376,843 | - | 6,376,843 |
| DOC | MDOC-Legacy Technology and Business Process Modernization Program | 2017 | - | 12,000,000 | 447,153 |
| DOS | Qualified Voter File (QVF) Refresh | 2018 | 5,500,000 | 500,000 | 3,292,940 |
| DOT | Grant System Phase 1 | 2013 | 875,000 | - | 875,072 |
| DTMB | Enterprise Cloud Strategy Implementation | 2018 | 6,000,000 | 1,000,000 | 2,823,216 |
| eMichigan | EMI Citizen Portal and Cooperative Digital Services | 2017 | 1,350,000 | - | 696,440 |

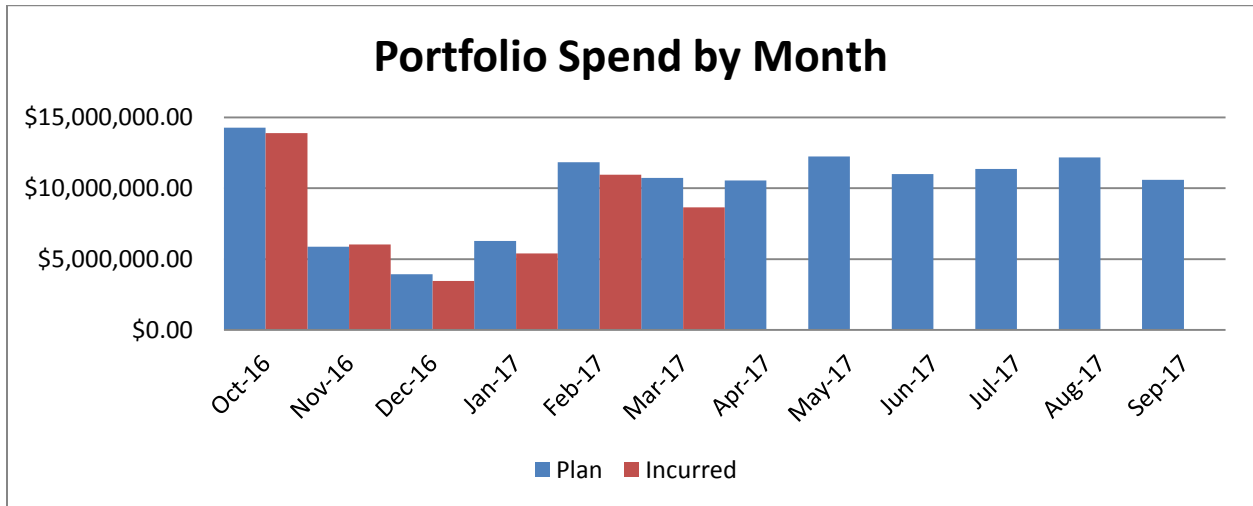
| Agency | Project Title | Target FY Complete | FY13-FY16 ITIF Budget | FY17 ITIF Budget | ITIF Spend as of 3/31/2017 |
|------------|--|--------------------|-----------------------|------------------|----------------------------|
| eMichigan | Mi.Gov Hardware Upgrade | 2013 | 350,000 | - | 343,372 |
| Enterprise | Unified Portal - Enterprise Information Management (EIM) | 2018 | 5,100,000 | - | 3,899,123 |
| Enterprise | Unified Portal - Michigan Business Portal | 2016 | 1,500,000 | - | 1,460,855 |
| Enterprise | Unified Portal - MiPage | 2017 | 6,272,400 | - | 6,006,217 |
| Enterprise | CIP-Data Loss Prevention | 2018 | 150,000 | 1,200,000 | 0 |
| Enterprise | CIP-Digital and Incident Response | 2016 | 1,150,000 | - | 883,559 |
| Enterprise | CIP-DMVA-Cyber Range Expansion | 2016 | 290,000 | - | 290,000 |
| Enterprise | Cybersecurity Continuous Improvement Program | 2017 | 5,800,000 | 1,000,000 | 6,196,659 |
| Enterprise | Cybersecurity Framework and Governance Program | 2017 | 2,000,000 | 2,000,000 | 1,548,443 |
| Enterprise | CIP-MSP-Michigan Cyber Command Center IRIP | 2016 | 500,000 | - | 500,000 |
| Enterprise | CIP-NetWitness Upgrade | 2014 | 455,000 | - | 451,630 |
| Enterprise | CIP-Websense Upgrade | 2016 | 345,000 | - | 343,749 |
| Enterprise | CSS – MILogin Migrations from Legacy SSO | 2017 | - | 3,200,000 | 2,395,432 |
| Enterprise | CSS – MILogin Integration with SIGMA | 2017 | - | 2,000,000 | 1,464,191 |
| Enterprise | Enterprise Data Encryption | 2014 | 2,000,000 | - | 1,582,846 |
| Enterprise | Enterprise Document Management | 2015 | 450,000 | - | 280,681 |
| Enterprise | Improve Project Portfolio Management | 2013 | 850,000 | - | 841,841 |
| Enterprise | Intranet (SharePoint) Operational Improvements | 2013 | 1,500,000 | - | 1,261,406 |
| Enterprise | Network Upgrades - ATT Switched Ethernet Phase 1 | 2014 | 2,000,000 | - | 1,966,990 |
| Enterprise | Performance Metric | 2014 | 950,000 | - | 932,554 |
| Enterprise | Project SIGMA (formerly MAIN Replacement) | 2018 | 70,917,881 | 35,500,000 | 99,676,909 |
| Enterprise | Reinventing Procurement System Implementation | 2015 | - | - | - |
| Enterprise | SharePoint Service Environment Start-Up Project | 2014 | 1,400,000 | - | 1,206,849 |
| Enterprise | Transparency | 2013 | 150,000 | - | 155,288 |
| LARA | Proposal for Fire Services | 2014 | 25,000 | - | 10,816 |
| Treasury | Personal Property Tax Reimbursement (PPT) | TBD | 1,000,000 | - | - |
| Treasury | Business Tax Medical Marihuana | 2017 | | 1,800,000 | 54 |

| Agency | Project Title | Target FY Complete | FY13-FY16 ITIF Budget | FY17 ITIF Budget | ITIF Spend as of 3/31/2017 |
|--|---|---------------------------|------------------------------|---------------------------|------------------------------------|
| Treasury | City Income Tax Agreement (CITA) (Budget shared with Corporate & Withholding below) | 2017 | 13,594,100 | - | 12,948,990 |
| Treasury | City Income Tax Agreement - Corporate and Withholding | 2017 | - | - | 619,818 |
| Treasury | MTO User Experience Optimization | 2017 | | 340,000 | 18,233 |
| Treasury | Sales, Use, Withholding Tax Legacy Modernization | 2015 | 15,700,000 | - | 15,685,288 |
| Treasury | State Essential Services Assessment (SESA) | 2017 | 6,000,000 | - | 5,765,746 |
| Treasury | Legacy Modernization Program | TBD | - | 4,260,000 | - |
| New Projects Funded Exclusively by Surplus from ITIF Projects that Completed Under Budget | | Target FY Complete | | Surplus Allocation | ITIF Spend as of 03/31/2017 |
| Enterprise | CSS – EPMO Mobile Dashboard | 2017 | | 115,000 | 75,237 |
| DARD | MDARD - Flint Food Market Card Reader Technology | 2017 | | 290,000 | 141,900 |
| Reserves and Administration | | Target FY Complete | FY13-FY16 ITIF Budget | FY17 ITIF Budget | ITIF Spend as of 03/31/2017 |
| Enterprise | ITIF Portfolio Management Administration - Consolidated ITIF Legacy Portfolio Management Resources and ITIF Project Assurance Resources into ITIF Portfolio Management | Ongoing | 2,500,000 | 1,160,000 | 2,847,950 |
| Enterprise | ITIF Enterprise Reserve | NA | - | 185,576 | - |
| Enterprise | ITIF General Government Reserve | NA | - | 500,000 | - |

Current Charts

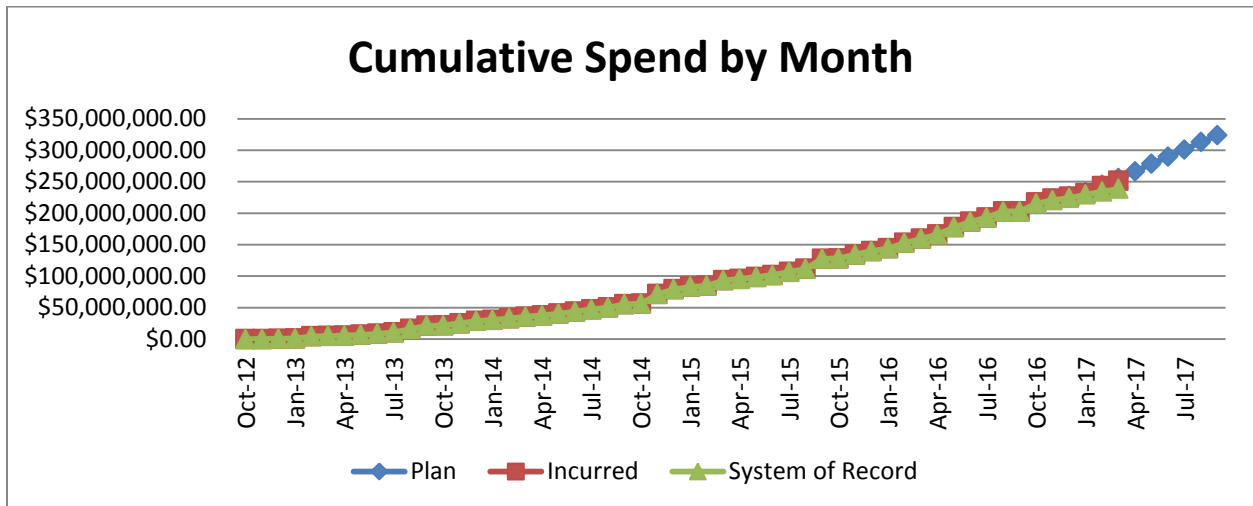
Current Year Portfolio Spend by Month

- The purpose of the Portfolio Spend by Month is to compare the project budget forecast to the project expenses incurred on a monthly basis. This helps us to determine if the projects are staffed according to plan and purchases are occurring according to how they are forecasted.
- FY 2017 Plan is the forecast spend by month for the IT Investment Fund portfolio.



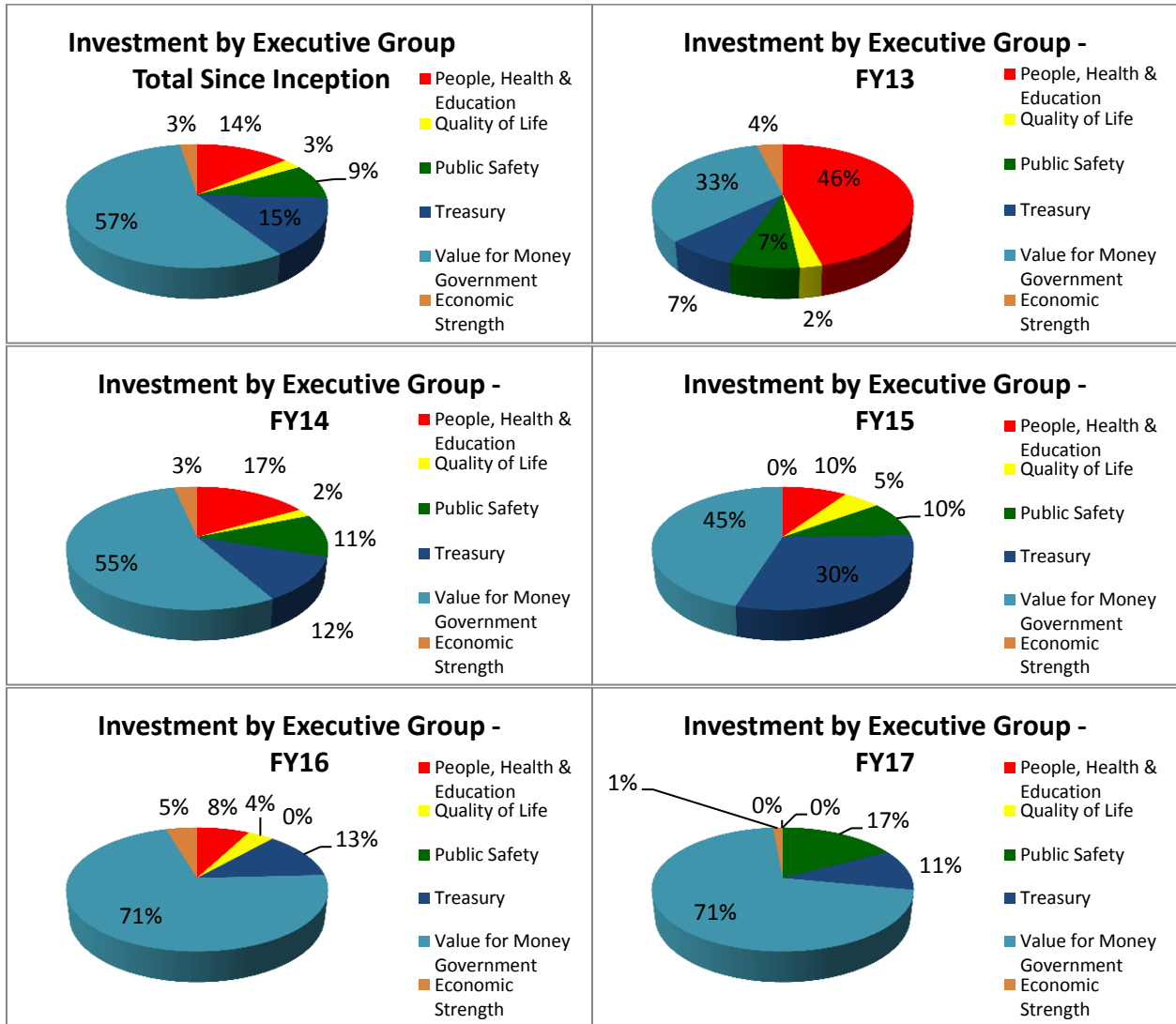
Cumulative Portfolio Spend by Month

- The purpose of the Cumulative Portfolio Spend by Month is to show the total amount of the IT Investment Fund spent on a monthly basis and forecast out through the end of the fiscal year.



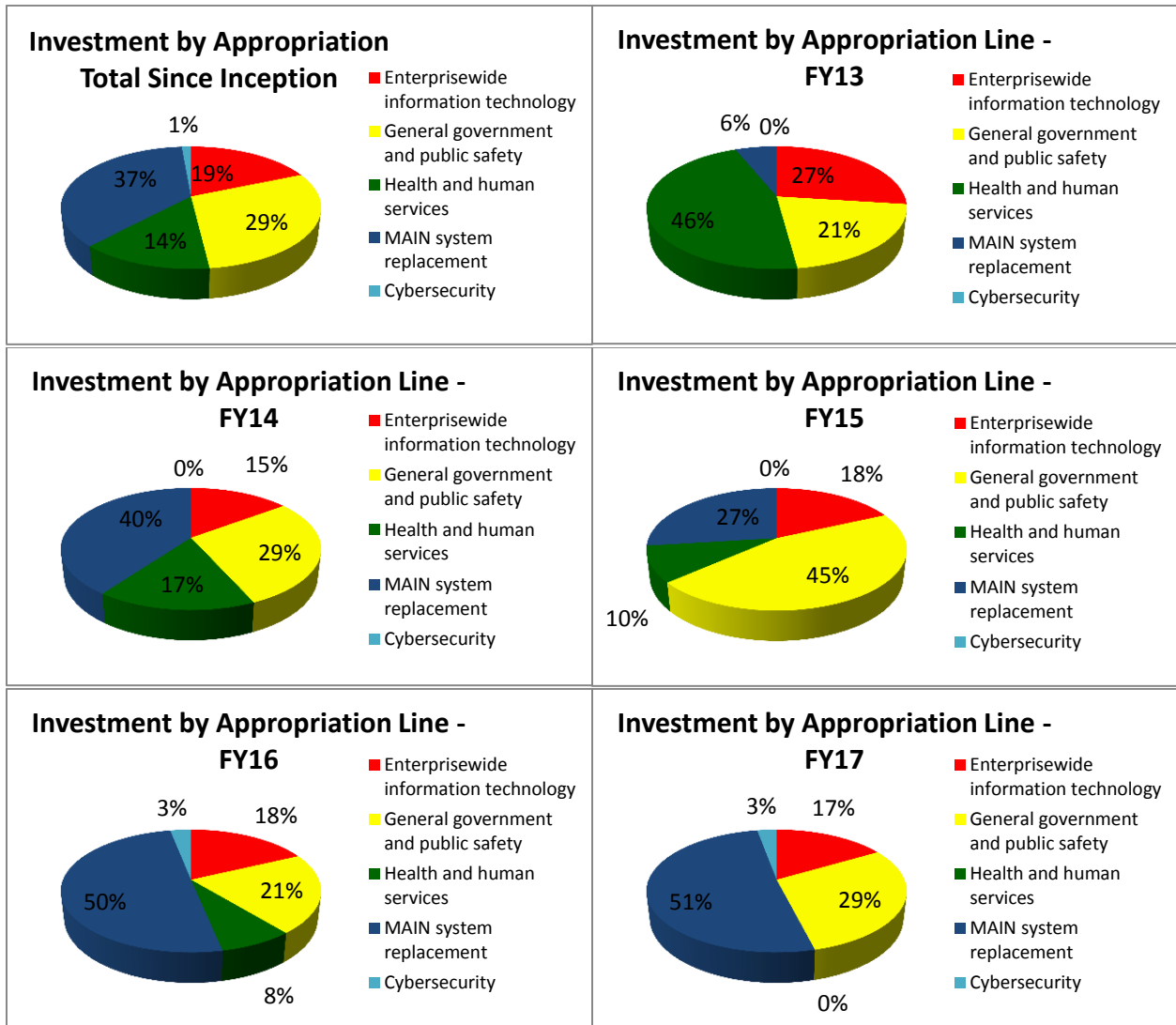
Investment by Executive Group Charts

- The charts below show the IT Investment Fund portfolio allocation by Executive Group.



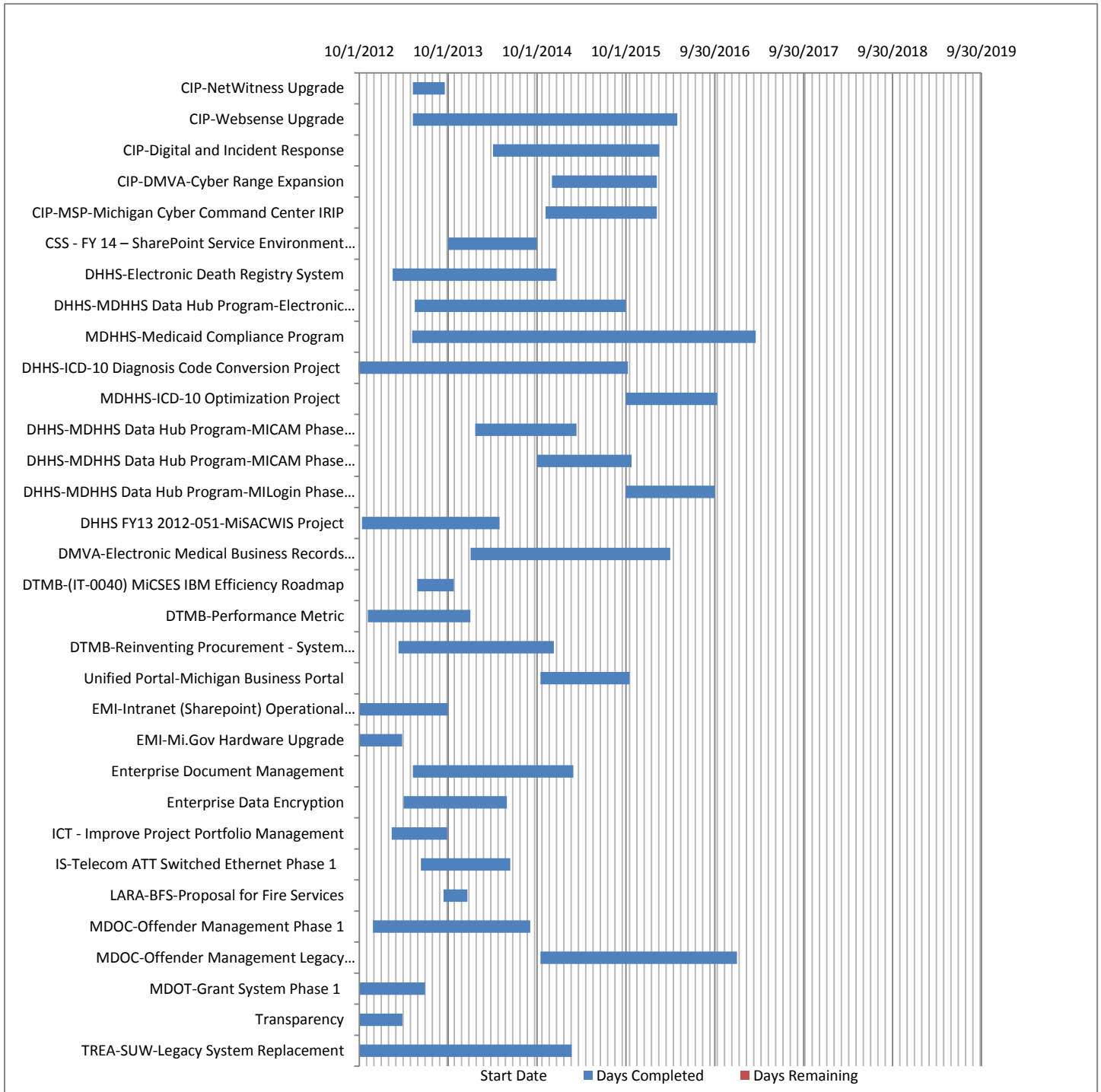
Investment by Appropriation Charts

- The charts below show the IT Investment Fund portfolio allocation by Appropriation
- Beginning in FY 2016, there is a 5th line for Cybersecurity



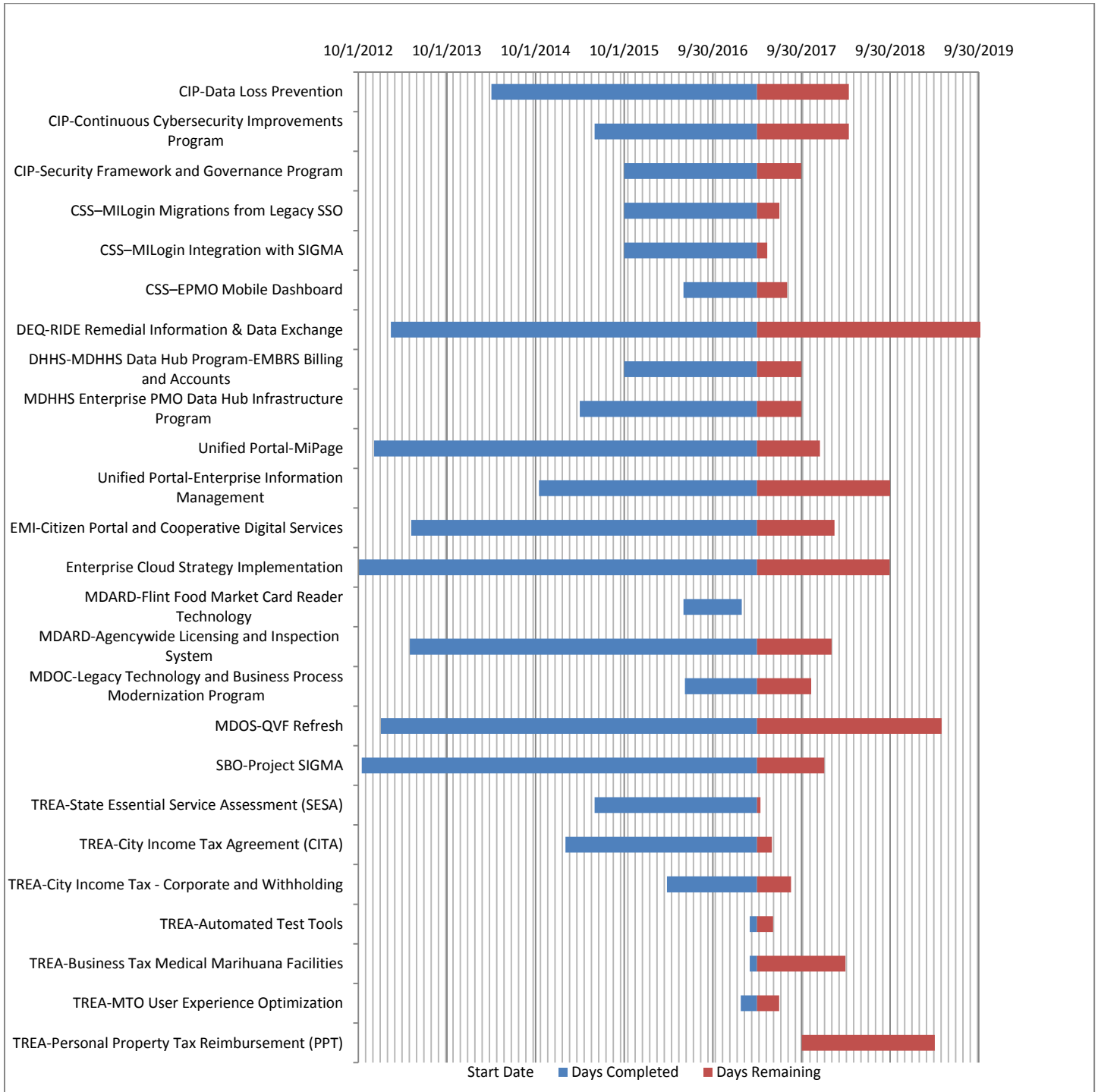
Project Schedule Chart - Completed

- Through the end of Q2 FY 2017 (03/31/2017), 32 projects have been completed on time and within budget.
 - 5 in FY 2013; 9 in FY 2014; 6 in FY 2015; 8 in FY 2016
 - 4 in FY 2017



Project Schedule Chart - Active

- Through the end of Q2 FY 2017 (03/31/2017):
 - 23 projects are active.
 - 1 project is in planning.
 - 1 project is on hold.



Appendix

Project Descriptions - Active

CSS – EPMO Mobile Dashboard

Description of Project:

The Department of Technology, Management, and Budget (DTMB) is seeking a solution that allows the Governor’s executive team and any authorized State employees, to monitor State of Michigan project status information from a mobile device. The solution allows State of Michigan employees to view aggregated status data in an interactive fashion and to view specific project status details.

- Time frame for completion: 8/02/2017
- Total ITIF Budget: \$115,000
- Total ITIF Cost to date: \$75,237
- Number of hours worked:
 - DTMB Hours: 627 Contractor Hours: 204 Agency Hours: 140
- Contracts entered into for the project:
 - ACRO CAI

DARD - Agencywide Licensing and Inspection System

Description of Project:

The objective of the project is to build a state of the art consolidated licensing & inspection system to handle 40 different types of licensing and 80,000 inspections annually conducted by the Michigan Department of Agriculture and Rural Development (MDARD). A key feature of this effort is also to provide online self-service capabilities to the citizens of Michigan for their Licensing needs.

NOTE: The Planned Project Finish Date reflects the projected completion date for Phase II. Project milestones for Phase II will be added once project planning for phase II has been completed.

- Time frame for completion: 2/01/2018
- Total ITIF Budget: \$7,049,300
- Total ITIF Cost to date: \$3,850,902
- Number of hours worked:
 - DTMB Hours: 2,623 Contractor Hours: 4,222 Agency Hours: 16,131
- Contracts entered into for the project:
 - Accela Automation

DARD - MDARD - Flint Food Market Card Reader Technology

Description of Project:

As a critical part (and initial step) of expanding Double Up Food Bucks in Flint, Epic Technology Solutions (Contractor) will work with Fair Food Network to enhance and expand transaction technology to benefit consumers who are using the Double Up Food Bucks program in Flint. The technology will maximize the potential to increase program participation by allowing the incentive program to operate among locations within the consumers’ community. For the SNAP consumer, this means that Double Up credits can be easily earned and spent at any participating site in the same manner by using a recognizable, program-branded loyalty card. In addition to the increased benefit to consumers, this technology enhancement will provide real-time reporting functionality, which supports program integrity, monitoring, and impact evaluation.

- Time frame for completion: 01/27/2017
- Total ITIF Budget: \$290,000

- Total ITIF Cost to date: \$141,900
- Number of hours worked:
 - DTMB Hours: 2 Contractor Hours: 0* Agency Hours: 0
 - ** All contractor hours are not available as project vendors deliver under fix fee*
- Contracts entered into for the project:
 - CAI/ACRO Epic Technology Solutions, LLC

DHHS - Enterprise PMO Data Hub Infrastructure Program

Description of Project:

This project represents the Michigan Department of Health and Human Services (MDHHS) Data Hub Program for FY17. The MDHHS Enterprise PMO Data Hub Infrastructure Program consists of multiple projects including, but not limited to: Master Person Index (MPI), Provider Index (PI) and multiple messaging projects that are related to improving the IT Infrastructure within the SOM.

The milestones in this project are a reflection of Program Level Milestones (PLMs) that are being tracked at a detailed level in the individual projects that make up this program. Resources allocated to this program are working at a program-level.

- Timeframe for completion: 09/30/2017
- Total ITIF Budget: \$5,000,000
- Total ITIF Cost to date: \$4,425,847
- Number of hours worked:
 - DTMB Hours: 7,035 Contractor Hours: 54,490 Agency Hours: 9,277
- Contracts entered into for the project:
 - Dewpoint MiHIN CNSI
 - Optum Altarum IBM for Software
 - Deloitte MPHI

DHHS - EMBRS Billing And Patient Accounts Modules

Description of Project:

The Michigan Department of Community Health operates five state hospitals with the capacity to care for almost 1,000 patients. The EMBRS project was initiated to upgrade the technology at these five hospitals and automate the medical records of patients. Using EMBRS, patient information can be accessed electronically, and it includes demographics, legal status, hospital center, health history, health care provided, court information and billing activities. The purpose of this project is to implement the patient billings and accounts modules of EMBRS.

- Timeframe for completion: 09/30/2017
- Total ITIF Budget: \$621,060
- Total ITIF Cost to date: \$29,221
- Number of hours worked:
 - DTMB Hours: 40 Contractor Hours: 200 Agency Hours: 0
- Contracts entered into for the project:
 - Netsmart Dewpoint Medware

DEQ - Remedial Information and Data Exchange (RIDE)

Description of Project:

The Department of Environmental Quality (DEQ) is responsible for protecting the environment from contamination. The purpose of this project is to develop a solution to replace functionality currently

available in two legacy systems which assists DEQ in the monitoring and cleanup of environmental contamination sites.

- Timeframe for completion: 6/26/2020
- Total ITIF Budget: \$1,400,000
- Total ITIF Cost to date: \$1,400,000
- Number of hours worked:
 - DTMB Hours: 9,824 Contractor Hours: 161* Agency Hours: 6,312
 - ** Services are provided on a fixed bid contract, some hours are not available*
- Contracts entered into for the project:
 - Analysts International Lochbridge Deloitte

DOC – Legacy Technology and Business Process Modernization

Description of Project:

The Michigan Department of Corrections (MDOC) is responsible for creating a safer Michigan by holding offenders accountable while promoting their success. The first phase of this project is an RFP which will provide MDOC with the necessary market feedback to determine which commercial off-the-shelf software system can best address the Department's needs as it consolidates multiple aging legacy systems. This is expected to lead to a vendor implementation of a commercial off the shelf (COTS) solution.

- Timeframe for completion: 11/09/2017 (Phase 1 RFP)
- Total ITIF Budget: \$12,000,000
- Total ITIF Cost to date: \$447,152
- Number of hours worked to date:
 - DTMB Hours: 243 Contractor Hours: 4,291 Agency Hours: 5,339
- Contracts entered into for the project:
 - CAI/ACRO AIC

DOS - Qualified Voter File Refresh (QVF)

Description of Project:

The Qualified Voter File (QVF) system is a critical and public facing service that the MDOS Bureau of Elections provides to 83 County clerks and close to 1,000 local officials to continually track and update voter registration files for over 7 million voters and to support/administer all elections within the State of Michigan. The original QVF system was first developed and deployed in the late 1990s. The objective of this project is to refresh the current architecture and software platform (Delphi) to a supported DTMB application standard and update the user interface. It is also to make sure that the current vendor support is a sustainable model for QVF system with its suite of applications such as QVF, QVF-GUI, QVF-Lite, E-Wizard, Street Index and Electronic Poll Book along with hardware and database components.

- Time frame for completion: 12/31/2017
- Total ITIF Budget: \$6,000,000
- Total ITIF Cost to date: \$3,292,940
- Number of hours worked:
 - DTMB Hours: 8,922 Contractor Hours: 31,116 Agency Hours: N/A
- Contracts entered into for the project:
 - Everyone Counts Advocate Solutions Dewpoint
 - VMS CAI Oracle
 - Microsoft

DTMB – ITIF Portfolio Management Administration

Description of Project:

The ITIF Portfolio Management Administration is a merger/combination of the Legacy Portfolio Management Resources effort and the Project Assurance Partner functions listed below.

Legacy Portfolio Management Resources:

- A Project Control Office (PCO) Manager has been hired to assist in managing the IT Investment Fund portfolio as well as establish a Project Control Office to monitor and track critical investment projects.

Project Assurance Partners:

- In an effort to continue to reduce risk, improve portfolio management (ICT initiative), and meet audit requirements, the State is looking to build an internal, yet independent, enterprise-level competency around performing inline project assurance checks on all IT Investment Fund projects. Project Assurance partners are responsible for performing project control and quality audits on all IT Investment Fund projects in progress. These project assurance resources will also assist in scaling the IT Investment Fund processes for use as a shared solution

- Timeframe for completion: This will be ongoing assigned resources
- Total ITIF Budget: \$3,660,000 through FY17
- Total ITIF Cost to date: \$2,847,950
- Number of resources assigned: 5
- Contracts entered into for the project:
 - Advocate Solutions (formerly GCR Ltd.)

EMI Citizen Portal and Cooperative Digital Services

Description of Project:

The Citizen Portal project will modify the Michigan.gov portal to improve citizen access to information across the government enterprise so that relevant information is easily presented.

- Timeframe for completion: 2/13/2018
- Total ITIF Budget: \$1,340,000
- Total ITIF Cost to date: \$696,440
- Number of hours worked:
 - DTMB Hours: 497 Contractor Hours: 1,880 Agency Hours: 340
- Contracts entered into for the project:
 - Dewpoint Lochbridge

Enterprise - Cloud Strategy Implementation

Description of Project:

The State of Michigan has been pursuing a public-private partnership initiative—referred to as the Great Lakes IT Center (GL-ITC). The initial bid for data center co-location and services was not awarded. Therefore, the State has reassessed its options and developed a going forward strategy that includes integrating the Cloud First strategy with the data center.

- Timeframe for completion: 9/28/2018
- Total ITIF Budget: \$7,000,000
- Total ITIF Cost to date: \$2,823,216
- Number of hours worked:
 - DTMB Hours: N/A Contractor Hours: 10,941 Agency Hours: 0
- Contracts entered into for the project:
 - KPMG PlanteMoran

- Laser Technologies Pillsbury Winthrop Shaw Pittman LLP
- AIC Quantum Solutions
- Ciber Consulting Coalfire

Enterprise - CIP - Data Loss Prevention

Description of Project:

The Data Loss Protection project will refine and improve existing data protection processes in several areas including policy, process and technology. The project’s key deliverable is the implementation of a Data Loss Protection technology. DLP is an off the shelf commercial software product offered by various providers in the marketplace. Objectives include: Improving risk management by identifying the sensitive State of Michigan data in the computing environment; mitigating risk by assessing, and as appropriate preventing, sensitive data from improperly leaving the State of Michigan computing environment; increasing data usage compliance by implementing the appropriate data usage Policies and Standards across the enterprise; mitigating risk by altering user behavior when accessing, transmitting and storing sensitive data through policy as well as technology; implementing Data Usage Governance by using efficient and effective processes; enabled by policy, technology and reporting.

- Timeframe for completion: 4/13/2018
- Total ITIF Budget: \$1,350,000
- Total ITIF Cost to date: \$0
- Number of hours worked:
 - DTMB Hours: 0 Contractor Hours: 2,491 Agency Hours: 0
- Contracts entered into for the project:
 - Symantec

Enterprise - Cybersecurity Continuous Improvements Program

Description of Project:

The Cybersecurity Continuous Improvement Program will further improve the existing Cyber Security Program, with realignment to an industry standard Framework. In doing so, data protection will be enhanced by having a business focused enterprise security risk management function, focusing on continuous monitoring of all devices, implementing further data analytics, and advancing threat detection and response.

- Timeframe for completion: 12/31/2017
- Total ITIF Budget: \$6,800,000
- Total ITIF Cost to date: \$6,196,659
- Number of hours worked to date:
 - DTMB Hours: 50 Contractor Hours: 6,668 Agency Hours: 0
- Contracts entered into for the project:
 - Accenture Qualys IBM

Enterprise - Cybersecurity Framework Project

Description of Project:

The Cyber Security Framework project will align to the National Institute of Standards and Technology, Cyber Security Framework as its foundation to drive various improvements and address security program gaps. The newly enhanced Security Program will serve as the platform for other projects included in the Cyber Security Continuous Improvements Program.

Key scope areas of the Cyber Security Framework include:

- Establish an industry standard framework as the program foundation (NIST)

- Increase the support for Agencies by maturing the Security Program
- Assess and improve the existing Security Operating Model and align to the NIST Framework
- Assess and improve the existing Security Controls and align those controls to the NIST Framework
- Assess and improve the existing Policies, Standards and Procedures and align the PSPs to the NIST Framework
- Assess current organization design and staffing levels and adjust accordingly
- Pilot the State of Michigan Governance, Risk & Compliance platform to manage Policy Standards and Procedures
- Implement Governance, Risk & Compliance (GRC) tool to manage the System Security Plan and Risk Assessment.
- Pilot the System Security Plan and risk Assessment tool (LockPath – Keylight)
- Rollout the Governance Risk Compliance tool (LockPath) to all SOM Agencies
 - Timeframe for completion: 9/29/2017
 - Total ITIF Budget: \$4,000,000
 - Total ITIF Cost to date: \$1,701,557
 - Number of hours worked to date:
 - DTMB Hours: 555 Contractor Hours: 9,057 Agency Hours: 155
 - Contracts entered into for the project:
 - LockPath

Enterprise - CSS – MILogin Migrations from Legacy SSO

Description of Project:

MILogin is an enterprise single sign-on and identity and access management solution which enables the State of Michigan (SOM) to establish, manage, and authenticate user identities for Web and Mobile SOM Information Technology (IT) systems. This solution is providing identity management and identity federation (IDFED) capabilities in compliance with various Federal and State laws and regulations, such as HIPAA/HITECH, FISMA, FIPS, IRS 1075 and others. MILogin utilizes robust Identity Proofing and Multi-Factor Authentication (MFA) capabilities to ensure secure access to sensitive and protected citizen’s information. The SOM Legacy Single Sign-On (SSO) system will sunset on 9/30/2016. Therefore, all SOM agencies will be required to migrate applications off current implementations of the Legacy SSO to the new MILogin solution in FY16.

- Timeframe for completion: 7/01/2017
- Total ITIF Budget: \$3,200,000
 - Total ITIF Cost to date: \$2,395,432
- Number of hours worked:
 - DTMB Hours: 9,080 Contractor Hours: 5,074* Agency Hours: 2,117
 - ** Some services are provided on a fixed bid contract, hours are not available*
- Contracts entered into for the project:
 - Deloitte KL&A Unisys
 - Altarum

Enterprise -- CSS – MILogin Integration with SIGMA

Description of Project:

MILogin is an enterprise single sign-on and identity and access management solution which enables the State of Michigan (SOM) to establish, manage, and authenticate user identities for Web and Mobile SOM Information Technology (IT) systems. SIGMA will be integrating with the MILogin solution for single sign-on and provisioning.

- Timeframe for completion: 5/12/2017
- Total ITIF Budget: \$2,000,000
- Total ITIF Cost to date: \$1,464,191
- Number of hours worked:
 - DTMB Hours: 300 Contractor Hours: 687* Agency Hours: N/A
 - * Services are provided on a fixed bid contract, hours are not available
- Contracts entered into for the project:
 - Deloitte Advocate

Enterprise - Project SIGMA (formerly MAIN Replacement)

Description of Project:

Project SIGMA involves the replacement of the State of Michigan’s enterprise wide financial system Michigan Administrative Information Network Financial Administration and Control System (MAIN FACS), Data Collection Distribution System (DCDS), improvements to the MIDB/Business Objects system and the implementation of a technology enabled budget development solution. MAIN was implemented in 1994 and is considered an outdated system overdue for replacement. Project SIGMA will replace it with a modern, highly efficient, user friendly, and much more effective system.

The new system will bring significant improvements to a vast number of processes currently in use in virtually every aspect and segment of Michigan government. These improvements will greatly enhance:

- Budget Preparation at all levels of State government
- The manner in which many State of Michigan employees perform specific job duties
- Financial reporting resources and capabilities
- The transparency of Michigan government financial operations due to improved reporting
- The process of interfacing with other systems that cannot be incorporated into SIGMA

The benefits realized with SIGMA will be many. The State's budgeting, accounting and reporting processes will be based on current technology and capabilities, and upgrades will be available as needed for the foreseeable future.

- Timeframe for completion: 01/02/2018
- Total ITIF Budget: \$175,259,000
- Total ITIF Cost to date: \$99,676,909
- Number of hours worked:
 - DTMB Hours: 266,329 Contractor Hours: 907,912 Agency Hours: 156,698
- Contracts entered into for the project:
 - CGI (ERP Implementation Services, ERP Managed Services & Software Licensing)
 - ISG (Proposal for ERP Solution/Implementation, ERP Quality Assurance)
 - Advocate Solutions, LLC (ERP Project Control Office)
 - ACRO Service Corp (Staff Augmentation)
 - Kelly Services, Inc. (Staff Augmentation)
 - EDS, An HP Company (Staff Hardware/Software)
 - Haworth, Inc. (Furniture/Facilities)

Enterprise – Unified Portal-Enterprise Information Management (EIM)

Description of Project:

EIM is an improved way of managing vast and valuable state information assets. In 2014 the initial EIM project established organizational processes and the framework necessary to implement a successful EIM program. In 2015 the project identified enterprise solutions, developed proofs of concept, and created actionable department-specific roadmaps. Current efforts focus on pilots, establishing single

internet sign-on for citizens and businesses to access all state account information, and statewide implementation. All State departments are engaged and have identified a Chief Data Steward. A Steering Committee of 11 departments is leading the effort.

- Timeframe for completion: 09/30/2018
- Total ITIF Budget: \$5,100,000
- Total ITIF Cost to date: \$3,836,442
- Number of hours worked:
 - DTMB Hours: 8,627 Contractor Hours: 23,118 Agency Hours: 13,824
- Contracts entered into for the project:
 - Dewpoint MetaOps Dynamo Metrics
 - PwC IBM

Enterprise - Unified Portal-MiPage

Description of Project:

The goal of the MiPage project is to provide an IT solution that will allow individuals to efficiently find information and interact with State of Michigan systems in a manner that is citizen centric and can be personalized. The implemented solution will allow the citizen the ability to find and save the information and services that are of interest and provide a user friendly way to manage their information.

An additional goal of the project is to establish the standards and technologies for mobile development for the enterprise. As part of this project, the MiPage team will engage client agencies and their DTMB teams in converting key applications to be mobile friendly.

- Timeframe for completion: 12/15/2017
- Total ITIF Budget: \$6,006,217
- Total ITIF Cost to date: \$5,760,027
- Number of hours worked:
 - DTMB Hours: 20,729 Contractor Hours: 30,845 Agency Hours: 1,205
- Contracts entered into for the project:
 - Menlo Innovations Compuware IBM
 - Gravity Works Dewpoint 906 Technologies
 - MiHelp Consulting Gnosis Technologies Yaffe Group

TREA - Business Tax Medical Marihuana

Description of Project:

The TP-383 Business Tax Medical Marihuana project is to implement an automated process for collecting the Medical Marihuana Facilities (MMF) Excise Tax (3% excise tax on gross sales receipts) from provisioning centers in the State of MI using the existing Michigan Treasury Online (MTO) portal as the front end and SAP as the backend system. The new MMF functionality will allow medical Marihuana facilities tax payers the ability to log in to MTO and submit their return and payment for the 3% excise tax. This functionality will allow Treasury the ability to provide information to other state agencies monitoring the payment of the excise tax for delinquency.

Additionally, this project will contribute to the following Treasury objectives:

1. Mandate MTO for MMFs to file and pay their quarterly 3% excise tax
2. Increase the number of businesses registered for MTO
3. Increase the percentage of online filers
4. Increase positive responses to the MTO user surveys
5. Increase Treasury processing efficiencies

- Timeframe for completion: 03/30/2018
- Total ITIF Budget: \$1,800,000
 - Total ITIF Cost to date: \$54
- Number of hours worked:
 - DTMB Hours: 4 Contractor Hours: 20 Agency Hours: 39
- Contracts entered into for the project:
 - Advocate Deloitte ARGO

TREA - Personal Property Tax Reimbursement (PPT)

Description of Project:

This project is currently in the planning phase.

- Timeframe for completion: TBD
- Total ITIF Budget: \$1,000,000
- Total ITIF Cost to date: \$0
- Number of hours worked:
 - DTMB Hours: N/A Contractor Hours: N/A Agency Hours: N/A
- Contracts entered into for the project:
 - None

TREA - City Income Tax Agreement (CITA)

Description of Project:

To develop a system to process income tax returns (Individual, Corporate, Fiduciary and Partnerships) for cities located in Michigan starting with the 2015 tax year for City of Detroit Individual and 2016 for other City of Detroit income taxes. System could be used by other cities with minor modifications.

- Timeframe for completion: 05/31/2017
- Total ITIF Budget: \$13,594,100 (shared with Corporate & Withholding below)
- Total ITIF Cost to date: \$12,948,990
- Number of hours worked:
 - DTMB Hours: 13,014 Contractor Hours: 22,156 Agency Hours: N/A
- Contracts entered into for the project:
 - Accenture Deloitte Dewpoint
 - JPM Chase SAP

TREA - City Income Tax Agreement - Corporate and Withholding

Description of Project:

To develop a system to process income tax returns (Corporate, Fiduciary, Partnerships, and Withholding) for cities located in Michigan starting with the 2016 tax year for the City of Detroit. System could be used by other Michigan cities with minor modifications.

- Timeframe for completion: 08/31/2017
- Total ITIF Budget: \$13,594,100 (shared with CITA above)
- Total ITIF Cost to date: \$619,818
- Number of hours worked:
 - DTMB Hours: 7.338 Contractor Hours: 12,343 Agency Hours: N/A
- Contracts entered into for the project:
 - Accenture Deloitte Dewpoint
 - JPM Chase SAP

TREA - MTO User Experience Optimization

Description of Project:

The goal of this initiative is to rapidly deploy quantifiable user experience enhancements across the Michigan Treasury Online (MTO) application; the public facing portal for return filing and paying of Sales, Use, and Withholding (SUW) taxes. Launched in January 2015, user satisfaction surveys have demonstrated a greater than 80% dissatisfaction with the online experience. DTMB and Treasury have partnered to identify quick win opportunities to address the following most common concerns;

- requirement to maintain multiple sets of user credentials to register, file returns, and pay
- cumbersome nature of tax payer authenticating
- overall user friendliness of the application

- Timeframe for completion: 06/30/2017
- Total ITIF Budget: \$340,000
 - Total ITIF Cost to date: \$18,233
- Number of hours worked:
 - DTMB Hours: 742 Contractor Hours: 994 Agency Hours: 1,769
- Contracts entered into for the project:
 - Advocate Deloitte ARGO
 - SAP IBM BS&A
 - Dynatrace

TREA - State Essential Services Assessment (SESA)

Description of Project:

To develop a system to collect a specific tax on the acquisition cost of eligible manufacturing personal property (EMPP) that is exempt from ad valorem personal property tax collected at the local level beginning in 2016, under 2014 PA 92. This state tax will be known as the State Essential Services Assessment (SESA).

- Timeframe for completion: 04/14/2017
- Total ITIF Budget: \$6,000,000
 - Total ITIF Cost to date: \$5,765,746
- Number of hours worked:
 - DTMB Hours: 1,845 Contractor Hours: 13,916 Agency Hours: 10,080
- Contracts entered into for the project:
 - Dewpoint Deloitte Accenture
 - SAP IBM BS&A
 - Dynatrace

Project Descriptions – Complete

CIP - NetWitness Upgrade

Description of Project:

The state has an active capture and monitoring system to identify personal information leaving the state's network as well as malware infiltrating the state's network. Currently, 24 hours' worth of data can be captured. This project is to upgrade the NetWitness software to provide greater ability to analyze network streams and to retain longer streams of data traffic for that analysis.

- Timeframe for completion: Project completed 9/16/2013
- Total ITIF Budget: \$455,000
- Total ITIF Cost: \$451,630
- Surplus Returned to ITIF: \$3,370
- Number of hours worked:
 - DTMB Hours: N/A Contractor Hours: 0 Agency Hours: 0
- Contracts entered into for the project:
 - None

DHHS - Electronic Death Registration System (EDRS)

Description of Project:

The purpose of the Electronic Death Registration System (EDRS) is to provide a website for users who participate in the completion, filing, and registration of a death case with the Department of Community Health (DCH). EDRS will provide for the electronic update of death records by funeral directors, hospitals, city clerks, county clerks, and DCH. In addition, the EDRS will be used to create a legal death record and maintain the database of death records. In 2014, the implementation of EDRS is being expanded from 40 counties to include the City of Detroit and the counties of Oakland, Wayne, and Macomb. This will result in improved efficiency, as approximately 60,000 death records submitted manually will now be submitted electronically. Processing time will be reduced from 90-120 days to 1-3 days.

- Timeframe for completion: Project completed 12/19/2014
- Total ITIF Budget: \$1,150,000
- Total ITIF Cost: \$940,203
- Surplus Returned to ITIF: \$209,787
- Number of hours worked:
 - DTMB Hours: 2,003 Contractor Hours: 16,849 Agency Hours (DCH): 2,423
- Contracts entered into for the project:
 - Staff augmentation contracts for resources to develop the solution

DHHS - Electronic Medical Business Records System (EMBR)

Description of Project:

The Michigan Department of Community Health operates five state hospitals with the capacity to care for almost 1,000 patients. The Electronic Medical Business Records System (EMBR) project was initiated to upgrade the technology at these five hospitals and automate the medical records of patients. Using EMBRS, patient information can be accessed electronically, and it includes demographics, legal status, hospital center, and health history, health care provided, court information and billing activities.

- Timeframe for completion: Project completed 09/30/2015
- Total ITIF Budget: \$11,200,000

- Total ITIF Cost: \$10,578,940
- Surplus Returned to ITIF: \$621,060
- Number of hours worked:
 - DTMB Hours: 4,596 Contractor Hours: 10,402 Agency Hours (DCH): 35,494
- Contracts entered into for the project:
 - Netsmart Dewpoint Mediware

DHHS – ICD-10 Diagnosis Code Conversion

Description of Project:

The purpose of the International Classification of Disease tenth revision (ICD-10) Implementation Program is to identify areas within the Michigan Department of Community Health requiring remediation prior to the implementation of the ICD-10 code sets. The remediation process involves identification, promulgation, and finalization of program policies necessary to implement ICD-10. Following the remediation activities, a cutover from the ICD-9 to ICD-10 code sets will be implemented based on date of service.

- Timeframe for completion: Project completed 10/09/2015
- Total ITIF Budget: \$2,000,000
- Total ITIF Cost: \$2,000,000
- Surplus Returned to ITIF: \$0
- Number of hours worked:
 - DTMB Hours: N/A Contractor Hours: N/A Agency Hours: N/A
- Contracts entered into for the project:
 - MPHI (Michigan Public Health Institute) CNSI (Client Network Services, Inc.)

DHHS – ICD-10 Optimization Project

Description of Project:

The State of Michigan and the federal government have already invested substantial funding in building the ICD-10 infrastructure. \$18.3 million gross (2.3 M GF/GP) was invested in FY14 along with \$30.0 million gross (\$3.0 million GF/GP) from FY13. Not providing the funding to optimize the system will put the significant original investment at risk.

Due to the federal delay of implementation until October, 2015, this proposal is to request funding to provide optimization services for ICD-10. This includes evaluating operational performance and provider code trends, providing outreach, transitioning activities, processing and implementing system change requests for post-Go-Live enhancements, and providing external end-to-end testing services for late adopters.

Some of the benefits of the ICD 10th revision codes are greater health care specificity, more detailed data for analysis and improved care management. In addition, Medicaid can more accurately pay for procedures based on specific diagnoses and the severity of the diagnosis. Electronic health records can also be used to better provide quality and performance measures.

- Timeframe for completion: Project completed 10/10/2016
- Total ITIF Budget: \$1,033,900
- Total ITIF Cost to date: \$158,690
- Surplus Returned to ITIF: \$875,210
- Number of hours worked:
 - DTMB Hours: N/A Contractor Hours: 12,710 Agency Hours: N/A
- Contracts entered into for the project:
 - KL&A Altarum

DHHS - MDHHS Data Hub Program - MICAM Phase 1 Project

Description of Project:

Many of the State’s web-based systems require users to enter a unique password to obtain secure access. The Michigan Identity, Credential, and Access Management (MICAM) project was developed to provide a single authentication process that will encompass both state workers and Michigan citizens. Phase one will involve implementation of the base architecture for the MICAM project. It will also provide a mobile and web-based authentication process for Michigan Medicaid beneficiaries.

- Timeframe for completion: Project completed 03/12/2015
- Total ITIF Budget: \$159,053
- Total ITIF Cost: \$159,053
- Surplus Returned to ITIF: \$0
- Number of hours worked:
 - DTMB Hours: 2,551 Contractor Hours: 8,990 Agency Hours: 2,205
- Contracts entered into for the project:
 - Deloitte Dewpoint Acro
 - Oracle IBM HP for Hardware/Software

DHHS - MDHHS Data Hub Program - MICAM Phase 2 – Medicaid Applications

Description of Project:

Many of the State’s web-based systems require users to enter a unique password to obtain secure access. The Michigan Identity, Credential, and Access Management (MICAM) project was developed to provide a single authentication process that will encompass both state workers and Michigan citizens. Phase 2 of the project will involve migrations and integrations of DCH Medicaid applications. It will also allow health professionals who have DCH issued identities to access the Michigan Health Information Network (MiHIN) using these same user names and passwords.

- Timeframe for completion: Project completed 10/01/2015
- Total ITIF Budget: \$711,006
- Total ITIF Cost: \$711,006
- Surplus Returned to ITIF: \$0
- Number of hours worked:
 - DTMB Hours: 3,473 Contractor Hours: 5,469 Agency Hours: 3,536
- Contracts entered into for the project:
 - Deloitte Dewpoint Acro
 - Oracle IBM HP for Hardware/Software

DHHS – MDHHS Data Hub Program – MILogin Phase 2 - Medicaid

Description of Project

Many of the State’s web-based systems require users to enter a unique password to obtain secure access. The Michigan Identity, Credential, and Access Management (MICAM) project was developed to provide a single authentication process that will encompass both state workers and Michigan citizens. The solution has been branded as MILogin.

This is the MILogin Phase 2 FY16 - Medicaid project which will migrate the remaining DCH Medicaid applications and integrate additional systems with the MILogin solution based on agreed upon agency priorities.

- Timeframe for completion: Project Completed 10/10/2016
- Total ITIF Budget: \$129,941

- Total ITIF Cost to date: \$44,365
- Surplus Returned to ITIF: \$85,576
- Number of hours worked:
 - DTMB Hours: 329 Contractor Hours: 3,316 Agency Hours: 6,475
- Contracts entered into for the project:
 - Deloitte Dewpoint Acro
 - Oracle IBM HP for Hardware/Software

DHHS – MDHHS Medicaid Compliance Program (MCP)

This project is to develop real-time eligibility determination and enrollment systems for the Michigan Department of Health and Human Services (MDHHS) Eligibility programs. The systems will be interoperable with existing core systems within the State of Michigan, and with other systems that may be needed in the future. This system will provide a simplified and coordinated eligibility determination solution. This includes the provider screening solution for Medicaid.

- Timeframe for completion: Project completed 02/28/2017
- Total ITIF Budget: \$15,200,000
- Total ITIF Cost to date: \$15,200,000
- Surplus Returned to ITIF: \$0
- Number of hours worked:
 - DTMB Hours: 70,632 Contractor Hours: 210,764* Agency Hours: N/A
 - ** All contractor hours are not available as project vendors deliver under fix fee*
- Contracts entered into for the project:
 - Dewpoint Deloitte HUB Deloitte Bridges
 - CGI HP for Hardware/Software Accenture
 - KL&A Maximus MPHI
 - IBM Evan’s Caseload RSAM
 - Optum Information Builders HTC

DHHS - MiCSES IBM Efficiency Roadmap (formerly Application Rationalization)

Description of project:

IBM working with DTMB/MiCSES will perform a detailed analysis and health check of the current MiCSES application. The engagement encompasses the 3 major activities of Mobilization, Analysis and Roadmap. The final outcome will include a path to developing a more efficient architecture, business value analysis, and an efficiency roadmap/pilot plan. The process developed during this pilot project will be used under the overall Application Rationalization Program to evaluate applications within the State of Michigan to determine whether an application should be updated, retired or rewritten.

- Timeframe for completion: Project completed 10/18/2013
- Total ITIF Budget: \$400,000
- Total ITIF Cost: \$379,060
- Surplus Returned to ITIF: \$20,940
- Number of hours worked:
 - DTMB Hours: 0 Contractor Hours: 177 Agency Hours: 0
- Contracts entered into for the project:
 - IBM

DHHS - Michigan Statewide Automated Child Welfare Information System (MiSACWIS)

Description of Project:

Michigan's new state automated child welfare system (MiSACWIS) replaces several aged legacy computer systems used to administer children's services programs, including foster care and protective services. One common platform will administer case management, data reporting and payments. Michigan's network of private placing agencies will have access to this shared solution.

- Timeframe for completion: Project completed 04/30/2014
- Total ITIF Budget: \$3,900,000
- Total ITIF Cost: \$3,792,885
- Surplus Returned to ITIF: \$107,115
- Number of hours worked:
 - DTMB Hours: 94,234 Contractor Hours: 87,567* Agency Hours: N/A
 - * *The contractor hours does not include DHS contractors*
 - * *DTMB software vendor delivers under fix fee, hours are not available*
- Contracts entered into for the project:
 - Unisys Information Builders MiPro Consulting
 - Optum Dewpoint 22nd Century Tech Inc
 - Gnosis Tech ACRO

DMVA - Electronic Medical Business Record (EMBR)

Description of Project:

The two State of Michigan Veterans Homes (Grand Rapids Home for Veterans and the D. John Jacobetti Home for Veterans) are each running on different Electronic Medical Records (EMR) and financial systems. Neither of the existing systems is currently supported by the Vendors. In addition each Home has a significant number of external databases needed to capture, compile and report on data necessary for the operation of the Homes.

In order to meet certain industry standards and to continue providing the highest Quality of Care possible, the Homes recognize the need to adopt a common EMR system that encompasses the complete range of financial, charting, scheduling, pharmacy, therapy and clinical services in a completely integrated and contemporary system which will allow for growth in the future. In order to fulfill these requirements, the Homes have committed to review and revise current business practices and care processes and standardize these for both Homes.

- Timeframe for completion: Project completed 03/31/2016
- Total ITIF Budget: \$2,300,000
- Total ITIF Cost: \$1,488,759 (awaiting final invoices)
- Surplus Returned to ITIF: \$811,241 (awaiting final invoices)
- Number of hours worked:
 - DTMB Hours: 684 Contractor Hours: 1,481 Agency Hours: NA
- Contracts entered into for the project:
 - Dewpoint

DOC - Offender Management Legacy Modernization Phase 1

Description of Project:

The Michigan Department of Corrections (MDOC) and Department of Technology, Management and Budget (DTMB) conducted a feasibility study to assess which methods (changes, reengineering direction and/or replacement strategy) should be considered for the future of the Michigan Department of

Corrections offender management systems. This study analyzed new technology solutions that will support MDOC business requirements now and in the future. The MDOC and DTMB executive committee chose to modernize the Department of Corrections IT systems, eliminating the two current legacy systems, Corrections Management Information System (CMIS) and Offender Management Network Information (OMNI), creating one modern Offender Management System (OMS). The Legacy Modernization project will execute in multiple phases and be created primarily on a Microsoft platform, with other supporting technologies.

- Timeframe for completion: Project completed 09/03/2014
- Total ITIF Budget: \$6,023,157
 - Original ITIF Budget = \$6,400,000. Project surplus of \$376,843 added to Phase 2.
- Total ITIF Cost: \$6,023,157
- Surplus Returned to ITIF: \$0
- Number of hours worked:
 - DTMB Hours: 11,281 Contractor Hours: 12,144 Agency Hours: 11,958
- Contracts entered into for the project:
 - Microsoft The Consulting Consortium Dell

DOC - Offender Management Legacy Modernization Phase 2

Description of Project:

Integrate current MDOC systems into an updated web-based ecosystem to be known as the Offender Management System (OMS). OMNI (client-server), CMIS (mainframe) and other MDOC applications will be migrated into the new ecosystem. Phase 2 focuses on Time Computation, Crime Victims, Mental Health, Misconducts, Parole Board, ADSS Maintenance and Security business processes.

- Timeframe for completion: Project Completed 11/10/2016
- Total ITIF Budget: \$6,376,843
 - Original ITIF Budget = \$6,000,000. Phase 1 project surplus \$376,843 added to Phase 2.
- Total ITIF Cost to date: \$6,376,843
- Number of hours worked to date:
 - DTMB Hours: 36,900 Contractor Hours: 49,400 Agency Hours: 34,200
- Contracts entered into for the project:
 - Microsoft Dell VMS

DOT - Grant System Phase 1

Description of Project:

This project will modernize the Michigan Department of Transportation’s (MDOT) outdated Transportation Economic Development System (TEDS) application and integrate into the new MDOT Grant System (MGS). MGS assists in the collection, tracking, ranking and analysis of all project funding grant applications. This will provide a single and streamlined grant process resulting in reduced maintenance, support and training costs while improving the management and distribution of grants for MDOT & all project stakeholders. Phase I will include the development and testing of functionality for grant applicants to complete letters of interest, pre-application tasks, submission, and post project surveys.

- Timeframe for completion: Project completed 6/28/2013
- Total ITIF Budget: \$875,000
- Total ITIF Cost: \$875,072
- Surplus Returned to ITIF: (-\$72)
- Number of hours worked:

- DTMB Hours: 2,179 Contractor Hours: 8,347 Agency Hours: 629
- Contracts entered into for the project:
 - None

eMichigan - Mi.Gov Hardware Upgrade

Description of Project:

The objective of the project is to improve the capacity and performance of the Michigan.gov hosting environment by replacing the aging servers with upgraded hardware.

- Timeframe for completion: Project completed 03/29/2013
- Total ITIF Budget: \$350,000
- Total ITIF Cost: \$343,372
- Surplus Returned to ITIF: \$6,628
- Number of hours worked:
 - DTMB Hours: 327 Contractor Hours: 25 Agency Hours: 22
- Contracts entered into for the project:
 - Compuware

Enterprise - CIP - Enterprise Digital and Incident Response

Description of Project:

The state needs to procure a set of security tools that are designed to find compromised systems on the network and allows incident responders to collect forensic evidence from suspected compromised machines anywhere on the state's network.

- Time frame for completion: Project completed 02/15/2016
- Total ITIF Budget \$1,150,000
- Total ITIF Cost: \$883,559
- Surplus Returned to ITIF: \$266,441
- Number of hours worked:
 - DTMB Hours: 420 Contractor Hours: 700 Agency Hours: 80
- Contracts entered into for the project:
 - FireEye – System subscription & support

Enterprise – CIP - MSP - MI Cyber Command Center IRIP

Description of Project:

This project includes Cyber Incident Response that includes criminal investigation and collection of digital evidence, in addition to disaster recovery. This includes required specialized hardware / applications, software and training, enabling MC3 incident response preparedness for critical infrastructure public/private services to ensure the welfare and safety of Michigan's citizens.

- Time frame for completion: Project completed 02/05/2016
- Total ITIF Budget: \$500,000
- Total ITIF Cost: \$500,000
- Surplus Returned to ITIF: \$0
- Number of hours worked:
 - DTMB Hours: 22 Contractor Hours: 101 Agency Hours: NA
- Contracts entered into for the project:
 - Dewpoint

Enterprise – CIP - MVA - Cyber Range Expansion

Description of Project:

The Michigan Cyber Range prepares cybersecurity professionals for detecting, preventing and thwarting cyber-attacks in a real-world setting. Like a test track or a firing range, the Michigan Cyber Range enables individuals and organizations to conduct "live fire" exercises, simulations that will test the detection and reaction skills of participants in a variety of situations. In addition, the Michigan Cyber Range has cybersecurity training and certification available.

The request is to purchase fiber, equipment and connectivity to expand the Cyber Range to Camp Grayling, Alpena and the 110th Air Wing and Battle Creek in addition to funds for training, and personnel to operate and support.

- Timeframe for completion: Project completed 02/05/2016
- Total ITIF Budget: \$290,000
- Total ITIF Cost: \$290,000
- Surplus Returned to ITIF: \$0
- Number of hours worked:
 - DTMB Hours: 27 Contractor Hours: 70 Agency Hours: NA
- Contracts entered into for the project:
 - Dewpoint MERIT Statewide Contract

Enterprise - CIP - Websense Upgrade

Description of Project:

This project is to upgrade Websense, which is the traffic filtering system for the enterprise, to handle the increased bandwidth that is projected in the future.

- Time frame for completion: Project completed 04/15/2016
- Total ITIF Budget \$345,000
- Total ITIF Cost: \$343,749
- Surplus Returned to ITIF: \$1,251
- Number of hours worked:
 - DTMB Hours: 480 Contractor Hours: 950 Agency Hours: 360
- Contracts entered into for the project:
 - Symantec - filtering tool, subscription based FFP.

Enterprise Data Encryption

Description of Project:

Enterprise Security Project is intended to protect the State's data. Sensitive data will be encrypted at rest and in flight. This task will involve multiple projects working with all Executive Branch Agencies. This includes securing all Oracle and MS SQL databases as well as our mainframe environments and third party vendors hosting any sensitive State data. Technical resources are necessary to complete the tasks and the Project Manager will coordinate and oversee all activities to ensure the target dates are met.

- Timeframe for completion: Project completed 05/28/2014
- Total ITIF Budget: \$2,000,000
- Total ITIF Cost: \$1,582,486
- Surplus Returned to ITIF: \$417,154
- Number of hours worked:
 - DTMB Hours: 6,241 Contractor Hours: 5,926 Agency Hours: 4
- Contracts entered into for the project:
 - Accenture Agate Software Inc. Altaram

- | | | |
|-----------|-----------------------------|----------------------|
| ○ CNSI | Deloitte | Dewpoint |
| ○ EMC | Genesis | Government Solutions |
| ○ HP | High Tech Consultants (HTC) | IBM |
| ○ Ingenix | KL&A | MPHI |
| ○ Optum | Oracle | Perkin Elmer |
| ○ 3Sigma | | |

Enterprise - Document Management

Description of Project:

The project goal is to reduce paper processing and streamline the application process for state assistance programs, and all other programs that require a paper-based workflow. The solution will be developed to be accessible on mobile devices. The services will be aligned with statutory document retention polices for business units supporting agency programs and will incorporate records management best practices and provide business process review, fax, scanning, document imaging, and workflow services. A center of excellence will be created to support the solution after it is implemented and a marketing approach will be developed to drive adoption and cost savings.

- Time frame for completion: Project completed 02/28/2015
- Total ITIF Budget \$450,000
- Total ITIF Cost: \$280,681
- Surplus Returned to ITIF: \$169,319
- Number of hours worked:
 - DTMB Hours: 2 Contractor Hours: 2,774 Agency Hours: 0
- Contracts entered into for the project:
 - Ricoh iKnowledge

Enterprise - ICT Improve Project Portfolio Management

Description of Project:

The overall project objective is to implement and utilize an enterprise PPM Tool, improve project portfolio of projects in progress and on hold, create RACI for portfolio management. The primary deliverable is portfolio reporting and management from an enterprise Portfolio Tool.

- Timeframe for completion: Project completed 09/27/2013
- Total ITIF Budget: \$850,000
- Total ITIF Cost: \$841,841
- Surplus Returned to ITIF: \$8,159
- Number of hours worked:
 - DTMB Hours: 586 Contractor Hours: 594 Agency Hours: 0
- Contracts entered into for the project:
 - Compuware – hosting and support

Enterprise - Intranet (SharePoint) Operational Improvements

Description of Project:

The objective of the project is to migrate the State of Michigan agency intranet sites to SharePoint and to maintain and improve the SharePoint enterprise environment. SharePoint intranet portals provide centralized access to enterprise information and applications on the State’s network. It helps to manage data, applications and information more easily. It provides organizational benefits such as increased employee engagement, centralizing process management and providing the means to capture and share tacit knowledge (e.g. via tools such as wikis/blogs).

- Timeframe for completion: Project completed 09/30/2013
- Total ITIF Budget: \$1,500,000
- Total ITIF Cost: \$1,261,406
- Surplus Returned to ITIF: \$238,594
- Number of hours worked:
 - DTMB Hours: 7,435 Contractor Hours: 0 Agency Hours: 2,754
- Contracts entered into for the project:
 - None

Enterprise - Unified Portal - Michigan Business Portal (MBP)

Description of Project:

The purpose of this project is to transfer Business One Stop agency content and guidance to the Michigan Business Portal (michiganbusiness.org).

- Timeframe for completion: Project completed 10/16/2015
- Total ITIF Budget: \$1,500,000
- Total ITIF Cost to Date: \$1,460,855
- Surplus Returned to ITIF: \$39,145
- Number of hours worked:
 - DTMB Hours: 10,650 Contractor Hours: 5,144 Agency Hours: 841
- Contracts entered into for the project:
 - IBM Digital Technology Solutions

Enterprise - Network Upgrades

Description of Project:

The State currently has 813 state leased or owned buildings connected to the state wide area network (WAN). With the growth in rich-content applications, multi-media, mobile workers, and networked facility monitoring and security, the bandwidth provided to these sites has become insufficient. In order to move to the new and available high-bandwidth technology, the state must upgrade the building entrance facilities to accept fiber-optic network connections. This upgrade requires a one-time expense to construct underground conduit from the building to a “meet point” manhole at the street for every state owned or leased building. DTMB has identified up to 200 sites that could be better served with fiber-optic network connectivity, and will likely require increased bandwidth for staff at those sites within the next 24 months. A sub-set of these 200 sites will be selected as a result of site surveys to determine level of effort and cost of construction.

This project will provide AT&T Switched Ethernet (ASE) services to agency remote offices, replacing existing T1 circuits. Agencies will be able to have access to bandwidth from 5MB up to 1GB in defined increments. This project will also provide for future scalability and necessary capital improvements for additional fiber infrastructures.

- Timeframe for completion: Project completed 04/30/2014
- Total ITIF Budget: \$2,000,000
- Total ITIF Cost: \$1,966,990
- Surplus Returned to ITIF: \$33,010
- Number of hours worked:
 - DTMB Hours: 1,250 Contractor Hours: N/A Agency Hours: 0
- Contracts entered into for the project:
 - AT&T Services, Inc.

Enterprise - Performance Metric

Description of Project:

The Performance Metrics project will support transparency and accountability by allowing the creation of scorecards at all levels of State government. The MiResults tool being created under this project will include the ability to electronically submit key metrics to support scorecards rolling up from as many as 3,585 programs into 463 divisions, 136 bureaus, 16 departments, 6 executive groups, and 1 SOM scorecard and dashboard. It also has the functionality to track strategic initiatives.

- Timeframe for completion: Project completed 12/31/2013
- Total ITIF Budget: \$950,000
- Total ITIF Cost: \$932,554
- Surplus Returned to ITIF: \$17,446
- Number of hours worked:
 - DTMB Hours: 9,036 Contractor Hours: 3,421 Agency Hours: N/A
- Contracts entered into for the project:
 - None

Enterprise - Reinventing Procurement System Implementation

Description of Project:

The purpose of the Reinventing Procurement Project is to provide a comprehensive Procurement System for the State of Michigan and local government partners. A Statewide Procurement system is needed to achieve efficiency, integration of best practices, cooperative purchasing, spend analytics and realization of overall cost savings throughout the procurement process.

- Timeframe for completion: Project completed 12/08/2014
- Total ITIF Budget: \$0 (*This project received no IT Investment Fund allocations*)
- Total ITIF Cost: \$0
- Surplus Returned to ITIF: \$0
- Number of hours worked:
 - DTMB Hours: 2,675 Contractor Hours: 1,663 Agency Hours: 6,444
- Contracts entered into for the project:
 - Periscope Holdings

Enterprise - SharePoint Environment Start Up

Description of Project:

The SharePoint Service Environment Start-Up project is an initiative to expand the Collaboration and Technical Services available in SharePoint to all State of Michigan Executive Branch Agencies. Basic intranet services were offered in 2013. This project will develop the entire SharePoint service environment.

- Timeframe for completion: Project completed 09/30/2014
- Total ITIF Budget: \$1,400,000
- Total ITIF Cost: \$1,206,849
- Surplus Returned to ITIF: \$193,151
- Number of hours worked:
 - DTMB Hours: 8,422 Contractor Hours: 799 Agency Hours: 1,020
- Contracts entered into for the project:
 - Acro (Staff Augmentation)

Enterprise - Transparency

Description of Project:

This project is for the execution of a Changepoint Enterprise License Agreement which is needed for enterprise portfolio management and the development of online project reporting capabilities to increase transparency to all project stakeholders including the Legislature.

- Timeframe for completion: Project completed 03/27/2013
- Total ITIF Budget: \$150,000
- Total ITIF Cost: \$155,288
- Surplus Returned to ITIF: (-\$5,288)
- Number of hours worked:
 - DTMB Hours: 614 Contractor Hours: 0 Agency Hours: 0
- Contracts entered into for the project:
 - Compuware Enterprise License Agreement

LARA - Proposal for Fire Services

Description of Project:

This project was to define scope and develop content for a Statement of Work (SOW) to replace the Bureau of Fire Services legacy systems: 1) Plan Review & Inspection 2) Fireworks Permitting 3) Underground Storage Tanks. Several legacy systems will be consolidated into a single system.

- Timeframe for completion: Project completed 12/18/2013
- Total ITIF Budget: \$25,000
- Total ITIF Cost: \$10,816
- Surplus Returned to ITIF: \$14,184
- Number of hours worked:
 - DTMB Hours: 175 Contractor Hours: 0 Agency Hours: 0
- Contracts entered into for the project:
 - Accela to provide proposal for services

TREA - Sales, Use, and Withholding Tax Legacy Modernization

Description of Project:

The Sales, Use and Withholding Tax legacy system is the highest priority for replacement. The system is comprised of two components; Phase 1 - Business Tax Registration and, Phase 2 - Sales, Use, and Withholding module. This Project pertains to Phase 1. By moving these components into the SAP system, the Department of Treasury will be one step closer in creating a unified and integrated system capable of handling all tax types seamlessly. The new system will increase the amount of data captured not only through the registration process, but also the submission of tax returns. This in turn would allow for better compliance and auditing.

- Timeframe for completion: Project completed 2/20/2015
- Total ITIF Budget: \$15,700,000
- Total ITIF Cost: \$15,685,288
- Surplus Returned to ITIF: \$14,712
- Number of hours worked: (both releases)
 - DTMB Hours: 40,398 Contractor Hours: 74,361 Agency Hours: 51,000
- Contracts entered into for the project:
 - Dewpoint Deloitte Accenture
 - SAP IBM Optum
 - JPM Chase