



**Return on Investment Program  
FYs 10, 11 and 12 Project Status Report  
1/15/14**

DAS is required to report on projects funded through the Return on Investment Program (ROI). The ROI program has been funded through an appropriation from the Technology Reinvestment Fund. The Technology Reinvestment Fund was created during the 2006 legislative session, and the first appropriations from this fund were for FY 2006-2007. The first report related to that fiscal year and was delivered to the legislature by January 1, 2008. This current report updates projects from fiscal years 10, 11 and 12. Following is the section of the Code for the report excerpted from 8.57C:

*Annually, on or before January 15 of each year, a state agency that received an appropriation from this fund shall report to the legislative services agency and the department of management the status of all projects completed or in progress. The report shall include a description of the project, the progress of work completed, the total estimated cost of the project, a list of all revenue sources being used to fund the project, the amount of funds expended, the amount of funds obligated, and the date the project was completed or an estimated completion date of the project, where applicable.*

Each project that received funding through the ROI program for the fiscal years contained in this report completed the following items. Where applicable, the ROI records for each project were used to complete items from Budget Offer and 1/3 budget information.

- Project Name and Description
- All Revenue Sources for Funding
- Agency Submitting Request
- Percent of Completed Work
- Total Estimated Project Cost
- All Revenue Sources for Funding
- Expended Funds
- Obligated Funds
- Estimated Completion Date

DAS collected these data items for all applicable ROI projects and sent the completed report to the following parties on January 15, 2014 before the filing deadline of January 15, 2014:

Legislative Services Agency  
Department of Management

This table includes ROI reimbursements processed through DAS Finance, as of December 31, 2013.

**Table A: FY 10 ROI Project Expenditures**

Project Name	Agency	% Complete	Original Request	Adjusted Request	Expenditures to-date	Reverted Funds	Estimated Complete Date
LiDAR (Light Detection & Ranging) Project, Phase 2	Natural Resources	100%	\$ 650,000	\$ 650,000	\$ 650,000	\$ 0	Complete
Enterprise ePayment Engine	Joint Chief Information Officers	100%	\$ 250,000	\$ 228,388	\$ 228,388	\$ 0	Complete
Leftover funds from above project				\$ 387	\$ 0	\$ 397	
Statewide Address Geocoding	Joint Chief Information Officers	100%	\$ 650,000	\$ 650,000	\$ 650,000	\$ 0	Complete
Electronic Data-Filing Project	Human Services	100%	\$ 237,184	\$ 237,126	\$ 237,126	\$ 0	Complete
IDPH Data Warehouse	Public Health	100%	\$ 250,000	\$ 250,000	\$ 250,000	\$ 0	Complete
Wireless Survey Tools	Administrative Services	100%	\$ 0	\$ 4,618	\$ 4,618	\$ 0	Complete
CryptoCard Upgrade	Administrative Services	100%	\$ 0	\$ 5,620	\$ 2,755	\$ 2,865	Complete
Mobile Forensics Tools & Training	Administrative Services	100%	\$ 0	\$ 11,035	\$ 11,026	\$ 9	Complete
<b>TOTALS</b>			\$ 2,037,184	\$ 2,037,184	\$ 2,033,913	\$ 3,271	

**FY 10 appropriation within the Technology Reinvestment Fund to the Department of Administrative Services for technology improvement projects was \$2,037,184.00**

**Note: Remaining FY 10 funds of \$21,670 were used before the reversion date on various security and networking projects for DAS to benefit the enterprise.**

**FY 10 ROI funds reverted on June 30, 2013**

## Table B. FY 10 ROI Project Descriptions and Funding Sources

### 1. LiDAR (Light Detection and Ranging) Project, Phase 2

Natural Resources project to partner with Transportation, Agriculture and Land Stewardship and Natural Resources Conservation Service to collect LiDAR (Light Detection and Ranging) data for the entire state. LiDAR technology uses laser pulses from an airplane to calculate very accurate elevations. LiDAR technology has the potential to save Iowa's local, county, state, and federal governments valuable resources by providing a low cost alternative to traditional land-surveys conducted for planning purposes. As of January 1, 2012: all data collection, processing, and QA/QC testing is complete. The data are all publicly available on the DNR GIS Library and Iowa State University Orthoserver website. Currently there are a few server hardware upgrades that need to be made in order to increase data handling performance to meet expectations. Project will be 100% complete by July 1, 2012.

**Funding Sources:** The Statewide LiDAR and Photography collection phases of the project are completed. At this time, contracted, 3rd party, QA/QC inspections of the data are taking place and will be completed in the next 3 months. Specifics for the project funding sources:

IDNR -	\$1,300,000
IDALS (DSC) -	\$ 570,000
IDOT -	\$1,500,000
NRCS -	\$1,000,000
Pooled Tech Phase 1 -	\$ 650,000
Pooled Tech Phase 2 -	\$ 650,000

### 2. Enterprise ePayment Engine

JCIO collaborative project through Administrative Services-ITE to modify the Epayment Engine and existing merchant applications to use a redirected or shopping cart model. In this model, all interaction with the customer will remain in the agency's application up to the point of initiating checkout and payment. The customer would then be redirected to a fully compliant 3<sup>rd</sup> party's site. All payment information, including credit card or e-check data, would be entered on the 3<sup>rd</sup> party's site. Upon completion of payment processing, the customer would be returned to the agency's site along with payment status information. Credit card or e-check information would never be transmitted through state computers. That removes the need for DAS ITE to have their hosting environments and infrastructure certified as PCI DSS compliant as well as removing the liability from the state.

**Funding Sources:** Funding for the work on this project is provided by ROI funding (\$250,000). Expenses for ITE or 3<sup>rd</sup> party staff outside of the amount approved will be funded by agency.

### 3. Statewide Address Geocoding

JCIO collaborative project through Natural Resources to provide a geocoding service and associated GIS spatial datasets for the state of Iowa. State government agencies and partners using the geocoding service will increase efficiency of internal business functions through higher accuracy in address match rate and geographic location. High accuracy in address match rates and geographic locations are necessary for proper and efficient delivery of services to government and business customers. State government agencies and partners using the geocoding service will be able to map distributions or information about their customers in new ways that bring about new services unavailable in previous years. Two layers were created for each county: and E911 address point layer and a rooftop structure point layer. Both use

address information from county parcel databases and post office address information. As of January 1, 2012: 50 counties of geocoding data (E911 and structure points) have been created and are available to GIS users in state government and elsewhere. An online geocoding web service is being tested with the 50 county data. Sixteen more counties are in-progress and will be completed this spring. Project files have been used by DNR and HSEMD to assess potential and actual damages from recent flooding, by local governments for voter redistricting, and by Dept. of Education for school boundary mapping.

**Funding Sources:** Pooled Technology Fund 100% for phase 1: \$650,000

#### **4. Electronic Data-Filing Project**

Human Services project for the Child Support Recovery Unit (CSRU) to partner with the Iowa Judicial Branch to begin mandated electronic document filing through the creation of an automated electronic interface. CSRU, in conjunction with the Iowa Judicial Branch, developed a strategic plan to meet the proposed electronic filing rule. The project's focus was to develop a technological solution for electronic filing consistent with the Governor's and the Department of Administrative Service's goal to provide a more efficient, improved and flexible service to approximately 600,000 Iowa citizens. As of 11/30/11, the electronic interface is in production and by January 1, 2012, is planned to be operating in all of the counties the Court has converted to e-filing (Plymouth, Story, Sioux, and Woodbury). Electronically transferring documents to the courts will expedite communication, shorten timeframes, and improve customer service.

**Funding Sources:** In SFY 09, \$127,549 of ROI funds were used to support total expenditures of \$375,144 on the project. The remaining balance of \$109,823 was expended in SFY 10. ROI funds were matched at a rate of 66% federal financial participation (FFP).

#### **5. IDPH Data Warehouse**

Public Health project to create a data warehouse to reinvent the way IDPH disseminates data. No longer limited by static reports, internal and external users will be able to access data from multiple sources through a single website. They will be able to query data for an output that answers their questions, and they will be able to view community profiles for a quick snapshot of county data. The website will be convenient to external users because it will not require a username or password. IDPH will protect their sensitive data in the warehouse through aggregations, cell suppression rules, and security processes to protect the identity and ensure the confidentiality of all data in the data warehouse. The data warehouse will empower users from government and non-government organizations to make data-driven decisions without requiring time to track down basic public health data. IDPH's operational effectiveness will be improved by bringing disparate population-based data into a single system, allowing data to be analyzed more thoroughly and shared across more dimensions.

**Funding Sources:**

Prior to July 2009 IDPH used \$145,500 from a Wellmark Grant for the Data Warehouse project. Beginning July 1, 2009 through June 30, 2010 IDPH used \$250,000 of ROI Funds for the Data Warehouse project. All funds after June 30, 2010 have been provided by IDPH internal funding.

#### **6. Wireless Survey Tools**

Administrative Services project to purchase AirMagnet Survey Pro. This is a tool used for planning and designing 802.11 a/b/g/n wireless local area networks (LANs) for optimal performance, security and compliance. This procurement will provide Networking with tools to do post-installation survey analysis.

**Funding Sources:** Funding for the work on this project is provided by ROI funding (\$4,618).

## 7. CryptoCard Upgrade

Administrative Services project to purchase an upgrade to the enterprise virtual private network (VPN) remote access service. The current version supports only one type of secure token for access. The proposed version will support multiple secure tokens including smart phones and soft tokens, as well as third party tokens. This procurement will provide expanded support without losing investments in current tokens.

**Funding Sources:** Funding for the work on this project is provided by ROI funding (\$5,620).

## 8. Mobile Forensics Tools & Training

Administrative Services project to purchase enterprise class mobile forensics tools and forensics training. The current tools used in the ISO are cumbersome to use, require specialized knowledge and are not vetted in the judicial system. The proposed solution will work with multiple mobile operating systems and is compatible with Iowa's network architecture. The tool will adhere to all enterprise security standards and drive compliance towards meeting the standards. The tool will be used to augment H.R. investigations and support employee policies.

**Funding Sources:** Funding for the work on this project is provided by ROI funding (\$11,035).

This table includes ROI reimbursements processed through DAS Finance, as of December 31, 2013.

**Table C: FY 11 ROI Project Expenditures**

Project Name	Agency	% Complete	Original Request	Adjusted Request	Expenditures to-date	Obligated Funds	Estimated Complete Date
Capitol Complex Door Security	Administrative Services	84%	\$ 431,378	\$ 372,344	\$ 311,962	\$ 60,382	6/1/14
Digital Recording Expansion	Civil Rights Commission	0%	\$ 12,560	\$ 10,845	\$ 0	\$ 10,845	2/1/14
PK-Workforce Longitudinal Data System	Education	78%	\$ 500,000	\$ 431,575	\$ 335,638	\$ 95,937	2/1/14
Living Disaster Recovery Planning System Enhancements	Homeland Security/ Emergency Management	100%	\$ 185,000	\$ 159,683	\$ 159,683	\$ 0	<b>Complete</b>
IABC Technology Enhancement*	Human Services	100%	\$ 332,000	\$ 286,566	\$ 152,150	\$ 0	6/30/13
Imaging and Work Flow Management System*	Human Services	51%	\$ 350,000	\$ 302,103	\$ 154,941	\$ 147,162	2/1/14
Rite Track Software for Child, Family, Social Service	Human Services	100%	\$ 125,685	\$ 108,485	\$ 108,485	\$ 0	<b>Complete</b>
Portable Driving Simulation Equipment, Project 2	Law Enforcement Academy	100%	\$ 168,500	\$ 145,441	\$ 145,441	\$ 0	<b>Complete</b>
Grant Portal / Electronic Grant Management	Management	92%	\$ 480,000	\$ 414,311	\$ 381,019	\$ 33,292	7/1/14
GIS Services for Agencies	Natural Resources	100%	\$ 350,000	\$ 302,103	\$ 302,103	\$ 0	<b>Complete</b>
Medical Examiner Case Management	Public Health	50%	\$ 195,000	\$ 168,314	\$ 84,558	\$ 83,756	5/30/14
Application Business Continuity	Administrative Services	57%	\$ 300,000	\$ 258,945	\$ 147,413	\$ 111,532	7/1/14
Gateway & Enterprise E-Mail Encryption Services	Administrative Services	87%	\$ 375,000	\$ 323,681	\$ 281,996	\$ 41,685	7/1/14
Virtual Desktop Deployment	Administrative Services	5%	\$ 540,000	\$ 466,100	\$ 25,350	\$ 440,750	5/1/14
Security Education Awareness Training	Administrative Services	70%	\$ 50,000	\$ 43,158	\$ 16,558	\$ 26,600	7/1/14
Miscellaneous IT Projects	Administrative Services	0%				\$ 109,416	6/1/14
Justice Data Warehouse Portal	Human Rights	0%				\$ 25,000	6/1/14
<b>TOTALS</b>			\$ 4,395,123	\$ 3,793,654	\$ 2,607,297	\$ 1,186,357	

**FY 11 appropriation within the Technology Reinvestment Fund to the Department of Administrative Services for technology improvement projects was \$3,793,654.00**

**NOTE: Returned funds from the DHS IABC project were used to fund miscellaneous IT projects to benefit the enterprise and the DHR Justice Data Warehouse Portal project.**

**FY 11 ROI funds revert on June 30, 2014**

## Table D. FY 11 ROI Project Descriptions and Funding Sources

### 2. Capitol Complex Door Security Project

Administrative Services project for the enterprise to install a single, tested/proven “state of the art” building security access system (Andover) throughout the Capitol Complex, exclusive of the Mercy Capitol and Vehicle Dispatch Buildings (at this time). Replace the current Toye system at identified buildings and parking lots with the Andover system, thereby standardizing and centralizing all operational aspects of security access throughout the Capitol Complex and at other locations. This project is an extension of an already planned, tested, proven, and implemented concept, and security access would become the sole responsibility of DPS.

**Funding Sources:**

100% Pooled Technology funding.

### 3. Digital Recording Expansion Project

Civil Rights project to replace outdated tape recording equipment and allow more efficient recording, retrieval, transcribing, and copying of investigative interviews by expanding the availability of digital recording software and hardware. This project will also provide copies of investigative interviews available to parties and/or their counsels in a more cost effective, timely, and accessible manner.

**Funding Sources:**

100% Pooled Technology funding.

### 4. PK-Workforce Longitudinal Data System

Education project to provide institutional linkages for a prekindergarten (PK)-workforce LDS with Education PK-12 data, postsecondary data, College Student Aid Commission, and Workforce Development by having the electronic transcript system flow data from postsecondary to the required systems where it is then consumed by the LDS so analysis may be performed. This design will provide bi-directional integration between the PK-12 data warehouse and the ICSAC data warehouse for the transactional sharing of elements for multiple agency purposes. IWD would have access to run reports and do analytics against the data as necessary, including linkages to unemployment insurance data.

**Funding Sources:**

This portion of the system is 100% Pooled Technology funded. There are other components of this data system which are funded through federal grant dollars.

### 5. Living Disaster Recovery Planning System Enhancements

Homeland Security project with Human Services, Natural Resources and Transportation to acquire and implement modules into LDRPS, the business continuity application currently used by more than 30 state agencies. These modules would increase the functionality of LDRPS, which stands for Living Disaster Recovery Planning System. The modules of interest are: Business Impact Analysis (BIA) Professional, Workforce Assessment, and Vendor Assessment.

**Funding Sources:**

Besides the ROI funds, federal Emergency Management Performance Grant funds have been used in this initiative. EMPG funds have been used to pay for state personnel to manage the project.



## 6. IABC Technology Enhancement

Human Services project for Phase III of a multi-phase project for the IABC system. This phase of the project will modify and modernize the current system from a batch processing system to a real-time update system. Making transactions “real time” will update the data files at the time the user enters the data, whereas the current mainframe transactions are batched and processed nightly to update the files. Real time maintenance provides the users immediate response rather than waiting for the nightly cycle to give them feedback. The end result is a new system that is much simpler to maintain and enhance as requirements change. It will also greatly simplify the ability to provide information via SOA (web services) to those state agencies with a need and appropriate access. Utilizing a relational database and a web-based interface will drastically reduce the operating cost of the system.

**Funding Sources:** In SFY 11, \$38,761 of ROI funds were used to support total expenditures of \$80,668 on the project. The remaining balance of \$247,805 will be expended in or after SFY 12. ROI funds were matched at a rate of 52% federal financial participation (FFP). The total of \$134,416 in remaining project funds was returned by DHS to be used for other technology projects of benefit to the enterprise. The DHS IABC project is complete, and the project was completed without the need for the additional ROI funds.

## 7. DHS Imaging and Work Flow Management System

Human Services project for an Imaging and Work Flow System to provide flexibility and improved customer service, worker efficiency and payment accuracy. This system will enable eligibility workers in other areas of the state to determine eligibility without requiring the applicant or the worker to travel to complete a program application. It will also allow casework to be completed more efficiently (elimination of paper / technology queues up work); allow for work to be processed from multiple points and will allow for specialization. The purpose of this application is to request funding for the purchase and implementation of an Imaging and Work Flow System.

**Funding Sources:** In SFY 11, \$20,313 of ROI funds was used to support total expenditures of \$42,275 on the project. The remaining balance of \$281,790 will be expended in or after SFY 12. ROI funds were matched at a rate of 52% federal financial participation (FFP).

## 8. Rite Track Software for Child, Family, Social Service

Human Services project to purchase of RiteTrack software, a data-reporting system for human service agencies. Currently, clinical monitoring and data tracking are completed without the benefit of a prescribed software. RiteTrack would improve the efficiency and effectiveness of State government by providing a mechanism for data integration, analysis, and reporting. RiteTrack software will be used at The State Training School for Boys and the Iowa Juvenile Home/Girls' State Training School, two facilities operated by the Human Services to serve Iowa's most-troubled youth.

**Funding Sources:** \$108,485 will be expended in or after SFY12. 100% ROI program funds.

## 9. Portable Driving Simulation Equipment, Project 2

This is a Law Enforcement Academy project to obtain portable driving simulation equipment that would be used to train all Basic Recruit classes as well as Precision Driving classes to be held throughout the state annually. Studies show that training of this type will prevent injury and deaths as well as reducing state, county and city liability. This project supports the IT strategic



and tactical plan by updating technology available to Iowa Law Enforcement, jailers and telecommunicators.

**Funding Sources:** 100% ROI program funds

#### **10. Grant Notification Portal & Comprehensive Electronic Grant Management**

Management project to expand an enterprise-wide Electronic Grant Management System (IowaGrants.gov). IowaGrants provides a storefront using keyword searches to assist public and private entities seeking funding through state administered grant programs. IowaGrants also manages the grant solicitation, application, selection, award/contracting, monitoring, communications, modification, reporting, close-out and financial management processes.

**Funding Sources:** 100% ROI program funds. DOM has also received RIIF funding to continue the project when ROI funding is depleted.

#### **11. GIS Services for Agencies**

Natural Resources project to provide contract GIS professional services to assist state agencies in the use of GIS, so as to become more proficient with GIS technology in daily business processes, and to increase coordination between state agency GIS efforts. GIS services provided by this project will include direct assistance to individual agency projects and staff, coordination between state agencies, and interaction with the external GIS community so that ideas and resources are shared between all sectors within the state. This GIS project will ultimately save the state money through cost avoidance of recreating critical databases and increased efficiency in finding extent data and reformatting to internal requirements, as well as other expected outcomes. As of January 1, 2012: GIS users from 12 state agencies have been interviewed for current GIS use and future needs. These include staff from DOT, Revenue, Economic Development, Legislative Services, Cultural Affairs, Public Safety, Homeland Security, Education, Human Services, Public Health, Utility Board, and Workforce Development. Plans are to complete the needs inventory in January and a GIS business plan for increasing GIS use in state agencies by July 30. Training and technical assistance has been offered to GIS users in Workforce Development (laborsheds), Human Services (mapping training) and Public Safety (State Police Dispatch update). Further training and data development efforts with users in Economic Development, Legislative Services, Utilities Board and Revenue will continue this spring leading to coordinated development of GIS layers for tax districts, transmission lines, railroads, hospitals, schools and school district boundaries. These new GIS data layers will be made available to all agencies and the public.

**Funding Sources:** Pooled Technology Fund: \$350,000 requested, \$302,103 awarded. \$25,000 from Federal Geographic Data Committee grant award

#### **12. Medical Examiner Case Management**

Public Health (IOSME) project to develop, implement and maintain a web based medical examiner case management database application. The system's goals are: 1) increase efficiency and accuracy of entering death investigation information, and 2) have information immediately available for multiple time sensitive purposes including dissemination of autopsy reports to official agencies as well as the timely review by state experts of incoming scene reports from the counties. This new application would eliminate the current time delays and data entry errors from entering new case information. The ability to provide up-to-date accurate information is also critical to other agencies that are investigating time sensitive incidents such as infectious disease outbreaks or criminal investigations. The information would be available electronically in real-time to other official agencies.

**Funding Sources:**

The primary sources of funding for this project are from ROI and the National Forensic Science Improvement Act grant (Coverdell). Approximately 10 to 15% of the cost of the project will be covered from the IOSME budget. Part of the ROI funds up to this point were used to pay for a project manager, through a staff augmentation contract, that resulted in successful RFP publication and selection of a vendor. The IOSME has a contract with the vendor (The Computer Solutions Company). The vendor is customizing the application to meet the needs of a state medical examiner office. The work plans project implementation and testing to be complete by May 30, 2014.

### **13. Application Business Continuity**

Administrative Services project for the enterprise to engage a consultant to: 1) verify data from 2008 collected by HSEMD and related to Continuity of Operations/ Continuity of Government (COOP/COG) plan and identify what gaps still remain that are crucial to business continuity and recovering technologies; 2) develop a methodology for a business impact analysis (cost-use matrix) –solutions and funding plan that can combine solutions where applicable, as it relates to technologies and services that will be recovered in a timely, prioritized manner; and 3) develop a priority process that will assist our Governor’s leadership to review and make important decisions that relate to the safety, health and service to our citizens.

#### **Funding Sources:**

100% ROI program funds.

### **14. Gateway & Enterprise E-Mail Encryption Services**

Administrative Services project for the enterprise to JCIO sponsored project to augment current gateway services and prevent newer types of spam and viruses from reaching enterprise e-mail accounts. Encryption services will be an added benefit to customers by keeping confidential information secure in transit via a seamless and automated fashion. The key benefit to the citizens is the improved protection of their personal and confidential information. New tools will allow us to block, capture and report on the quantity of confidential data leaving the network.

#### **Funding Sources:**

100 % ROI Program funds.

### **15. Virtual Desktop Deployment**

Administrative Services project for the enterprise to develop a “Virtual Desktop” model that relies on thin client architecture. The actual computing is performed in a data center environment with multiple users on one centrally managed computer (server). Applications and data are provided over the network rather than on the local computer. The thin client can also be combined with a Voice over IP (VoIP) telephone connection where there is adequate bandwidth, thus reducing communication costs for remote workers. All of the technology ingredients are proven technologies – i.e. thin client, servers, VoIP phones, network switches, etc. Existing applications like MS Office, Outlook, mainframe terminal emulation, internet browser, etc. can be delivered via the Virtual Desktop.

#### **Funding Sources:**

The project is 100% funded from the ROI program.

### **16. Security Education Awareness Training**

Administrative Services project for the enterprise to JCIO sponsored project to develop a consistent training program available to all agencies that tracks employee participation, measures successful completion through testing and provides reports by employee by agency. The training program would be primarily focused on end-user training, but would be designed

for delivery to other target audiences; e.g. technical staff and managers. To successfully complete the training, students will be required to correctly answer questions that evaluate understanding and retention of the content.

**Funding Sources:**

Iowa Access Funds are augmenting this training initiative to broaden cyber security awareness to state partners and other government institutions. IOWAccess funding (\$100,000) was used to make the initial training system purchase. The Return on Investment Program (ROI) funds will be used to renew the training licenses in 2013.

**17. DAS Miscellaneous IT Projects**

Several Administrative Services projects will be completed to benefit the enterprise. Various project proposals are currently being analyzed to determine which will return the most benefit.

**Funding Sources:**

Remaining ROI funds from the DHS IABC project will be expended for this project.

**18. Justice Data Warehouse Portal**

Human Rights project using reallocated funds from the DHS IABC project. Human Rights will be renewing a license for the C3D portal. This portal is utilized by all Justice Data Warehouse users and incorporates the functionality of Business Objects, including Crystal Reports, Ad Hoc, and dashboard functionality. The portal also allows us to decrease our annual software maintenance fees, approximately \$15,000/year.

**Funding Sources:**

Remaining ROI funds from the DHS IABC project will be expended for this project. Funding for the portal is provided by ROI funding.

This table includes ROI reimbursements processed through DAS Finance, as of December 31, 2013.

**Table E: FY 12 ROI Project Expenditures**

Project Name	Agency	% Complete	Original Request	Adjusted Request	Expenditures to-date	Obligated Funds	Estimated Complete Date
Continuous Vulnerability Management	Administrative Services	97%	\$ 585,000	\$ 585,000	\$ 566,943	\$ 18,057	7/1/15
Personnel Skills Assessment	Administrative Services	0%	\$ 400,000	\$ 400,000	\$ 0	\$ 400,000	1/1/15
Gateway & Enterprise E-Mail Encryption Services, Phase 2*	Administrative Services	N/A	\$ 300,000	\$ 300,000	\$ 0	\$ 0	N/A
Statewide Address Geocoding, Phase 2	Natural Resources	100%	\$ 550,000	\$ 194,000	\$ 194,000	\$ 0	<b>Complete</b>
Critical Response Notification System	Veterans' Home	0%	\$ 98,000	\$ 98,000	\$ 0	\$ 98,000	1/1/15
Customer Portal*	Human Services	100%	\$ 185,000	\$ 66,728	\$ 0	\$ 0	6/30/13
Core Infrastructure & Security Architecture Upgrades	Administrative Services	92%			\$ 275,778	\$ 24,222	7/1/15
Miscellaneous IT Projects	Administrative Services	0%				\$ 66,728	1/1/15
<b>TOTALS</b>			\$ 2,118,000	\$ 1,643,728	\$ 1,036,721	\$ 607,007	

**FY 12 appropriation within the Technology Reinvestment Fund to the Department of Administrative Services for technology improvement projects was \$1,643,728.00**

**NOTE: ROI funds for the Gateway & Enterprise E-Mail Encryption Services, Phase 2 project were reallocated to fund the Core Infrastructure & Security Architecture Upgrades project. Also, returned funds from the DHS Customer Portal project were used to fund miscellaneous IT projects to benefit the enterprise.**

**FY 12 ROI funds revert on June 30, 2015**

## Table F. FY 12 ROI Project Descriptions and Funding Sources

### 1. Security: Continuous Vulnerability Management

Administrative Services project for the enterprise to fund phase two of the effort. In this phase of the security project, vulnerability-scanning devices will be deployed to all state agencies. This project includes vendor installation, hardware, software, project management, training, and technical consulting. The main outcome of the system is that all executive branch agencies receive timely and continuous automated IT audits for software vulnerabilities and for configuration management.

#### **Funding Sources:**

HSEMD funding is augmenting this initiative and is being used to bring the same service to cities, counties and schools.

### 2. IT Personnel Skills Assessment

Administrative Services project for the enterprise to inventory and assess state personnel conducting IT functions. The scope includes skills such as programming, system design, system development, and other functions associated with IT staff. The goal of this assessment is to gather information to support the information technology redesign efforts by identifying the means to train and develop our IT professionals, as well as future needs of IT skills.

#### **Funding Sources:**

The project is 100% funded from the ROI program.

### 3. Security: Gateway & Enterprise E-Mail Encryption Services, Phase 2

Administrative Services project for the enterprise to further improve gateway and e-mail encryption services. This security project will benefit the enterprise at large and will raise the security level of messaging to a level that would comply with the enterprise standards and defend against current cyber threats. Expected results include enhanced e-mail encryption, spam control and other related services.

#### **Funding Sources:**

100 % ROI Program funds.

### 4. Statewide Address Geocoding, Phase 2

Phase 2 of the JCIO and Natural Resources project continues production of driveway addresses points and building points to be used in a statewide geocoding and address service. Phase 1 covered most of western Iowa, with Phase 2 working on south-central and northeast Iowa. As of December 1, 2012: 50 Phase 1 counties completed, 20 Phase 2 counties in progress. Phase 2 funding will be expended by 6/30/2013. Additional funding is needed to complete the state. All current Phase 2 funding obligated.

**Funding Sources:** Pooled Technology Fund: \$550,000 requested to complete eastern part of state, \$194,000 awarded.

### 5. Critical Response Notification System

Iowa Veterans Home project for a critical response notification system for unified campus wide communication during an emergency or time sensitive event. The project will fill the gap

between IVH's Disaster Recovery plan and State of Iowa communications and DR efforts including COOP/COG.

**Funding Sources:** Direct funding for this project provided entirely by the FY 12 ROI program.

## 6. DHS Customer Portal

Human Services project to build on two DHS projects (OASIS and the Medicaid Portal), and will join additional DHS projects, specifically DHS's Electronic Case File. OASIS is DHS's web-based intake system for lowans to begin the application process for several DHS programs. The Medicaid Portal was developed to support Medicaid providers, members and workers to web-enable the interactions each has with the Iowa Medicaid Enterprise. The unified Customer Portal will enable DHS customers across program boundaries to be able to securely interact with DHS workers and program staff.

**Funding Sources:** The total of \$66,728 was returned by DHS to be used for other technology projects of benefit to the enterprise. The DHS Portal project is complete, and the project was completed without the need for the additional ROI funds.

## 7. DAS Miscellaneous IT Projects

Several Administrative Services projects will be completed to benefit the enterprise. Various project proposals are currently being analyzed to determine which will return the most benefit.

**Funding Sources:** These miscellaneous ROI projects were funded by reallocated FY 12 funds from the Gateway & Enterprise E-Mail Encryption Services, Phase 2 project. The entire amount of \$66,728 was used for these additional FY 12 ROI projects.