Information Technology Department

600 E Boulevard Ave., Dept 112 ● Bismarck, ND 58505-0100 ● (701) 328-3190

August 27, 2012

TO: Members of the Legislative IT Committee
    Legislative Council
RE: Large Project Summary Report

Greetings,

Attached to this cover letter is the Large Project Summary Report for the period ending June 30, 2012.

A historical review of projects completed to date can be viewed graphically below. The legend for this graphic is defined below and aligns North Dakota's mandated thresholds with the criteria of The Standish Group CHAOS Report 2009 (Column 1). Columns 2 & 3 represent those projects that have completed since July 2005, representing the application of budget/schedule variance in accordance with NDCC 54-59-23.

Green = Within Threshold
Yellow = Beyond Threshold But Obtained Strategic Objectives
Red = Terminated or Did Not Obtain Strategic Objectives

Completed Projects
Historical Analysis by Percentage (Project)
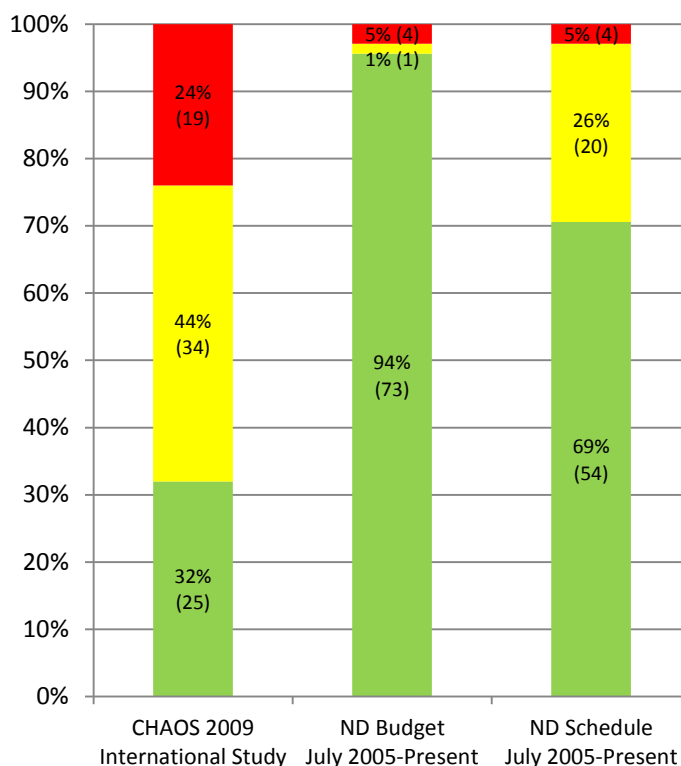
*An internal audit has identified the JSND Herackles project as having been terminated during the July 2006-June 2007 reporting period, yet not accounted for in the chart above. This brings the total number of terminated projects to 4.

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3 projects were reported complete.

Agency	Project	Budget	Schedule
Department of Human Services	5010		
Office of Management and Budget	PeopleSoft Environment Partitioning Project		
Office of Management and Budget	PeopleSoft Talent Management		

9 projects were reported in the planning stage this quarter.

Agency	Project
Adjutant General	Central Electronics Bank Dispatch System
	Statewide Records Management System
Department of Commerce	Website Rewrite
Department of Health	Women, Infants, and Children Electronic Benefits Transfer
Department of Human Services	Eligibility Replacement
	NDVerify
	Vocational Rehabilitation Information System Replacement
Department of Transportation	Automated CDL Road Test
Highway Patrol	Electronic Permitting
Information Technology Department	HITC Health Information Network
Job Service North Dakota	Wyoming, Colorado, Arizona, North Dakota UI Consortium (WyCAN)

2 projects moved into the execution phase this quarter.

Agency	Project
Job Service North Dakota	Workforce Data Quality Initiative
Secretary Of State	Data Processing System

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The following 3 projects have a budget in excess of $5,000,000 and will receive ongoing cover letter reports regardless of project health.

Agency	Project
Department of Human Services	Medicaid Systems Project
DHS is reporting the project as GREEN overall. The project is reporting 2.3% BEHIND schedule and 4.2% UNDER budget when measured against the current baseline of October 1, 2013. The current baseline will have the project complete 148% BEHIND schedule and 31.0% OVER budget when measured against the original baseline. The project is using a baseline schedule with a planned implementation date of October 1, 2013. The detailed schedule was approved on May 4th. The Centers for Medicare and Medicaid Services (CMS) approved the contract amendments for the scope and schedule changes, including the costs for the ICD 10 functionality, and the amendments were signed prior to the end of the quarter.	
Public Employees Retirement System	Legacy Application System Replacement [LASR] Phase 4
This project has an overall operational status of GREEN. The budget variance is reported as 5.4% UNDER and the schedule variance is reported as 2.3% BEHIND when measured against their approved baselines. This project is operating under a re-plan and, if successful, will complete 2.5% UNDER budget and 70.6% BEHIND schedule when measured against the original baselines. The project implemented approximately 98% of the functionality on schedule October 4, 2010. The base "member self-service" was delivered by the vendor. NDPERS delayed the release of this functionality. After analyzing the usability study results some modifications are going to be made to the interface. This has resulted in a rebaseline of the schedule. The project rolled out this functionality to Retirees in January. The rest of the functionality is on schedule to be released at the end of August to pilot agencies with a full rollout in October.	
Workforce Safety and Insurance	Information Technology Transformation Program
This project has reported an overall status of RED. The budget variance is reported as 1.6% UNDER and the schedule variance is reported as 52.3% BEHIND when measured against their approved baselines. This project is operating under a re-plan and, if successful, will complete 39% OVER budget and 150% BEHIND schedule when measured against the original baselines. All efforts have been focused on completing the last major release for the Claims module, schedule for July 2012 in anticipation of a September 2012 go live. During Q2 the executive steering committee has continued meeting regularly to resolve outstanding timeine and budget issues with Aon and finalization of ongoing negotiations	

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Of the remaining 13 active projects, 11 were reported as GREEN, 2 were rated YELLOW, and 0 were rated RED. The following active project is being monitored closely due to budget/schedule variance concerns.

Agency	Project
Department of Transportation	Automated CDL Road Test
This project has an overall rating of YELLOW. The RoadTest project is under budget, but is behind schedule due to hardware backorder and NDspecific functional requirements. While the baseline end date is 8/20/12, the project is estimated to be complete 10/08/12. The FMCSA grant expiration date has been approved for an extension to coincide with the estimated completion date. The project team is close to finalizing the QA test programming and anticipates starting user acceptance testing in July 2012.	

Please refer to the Large Project Quarterly Report for more information about each project. Feel free to contact me with any questions.

Sincerely,

Lisa Feldner

Dr. Lisa Feldner
Chief Information Officer

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1080 - Secretary Of State

Project Name: SOS File 2.0

Description North Dakota's Office of the Secretary of State (SOS) has partnered with the North Dakota Information Technology Department (ITD) to build from scratch a web-based software system to manage SOS processes for Central Indexing, Licensing and Registrations, and Campaign Finance. This new business solution will allow SOS personnel, public users and other third parties the ability to view, update, search, and manage information related to these lines of business via web browsers. Additionally, the new web server-based application will replace and retire the existing mainframe, AS400, and WebSphere based legacy systems.

Overall Project Status: `Green`

LPO Summary: The project plan was completed and approved for the File 2.0 project, and a startup report was presented to the LITC. Since then, web page prototyping and software design work has begun, with major progress being achieved on the system's core pages, work queues, business entity, security grouping, and individual public units. Many other functional areas have also been worked during the quarter.

Schedule Variance: 11.8 % Ahead   **Budget Variance:** 1.1 % Under

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
05/04/2012	10/03/2014	N/A	29	$ 3,468,428	N/A	$ 827,623	$ 3,468,428

1100 - Office of Management and Budget

Project Name: PeopleSoft Talent Management

Description With the upgrade of PeopleSoft Human Capital Management (HCM) from 8.9 to 9.1 and tools from 8.49 to 8.50, base PeopleSoft HR now includes enhanced functionality. The licenses acquired with the Talent Management (TM) suite include eDevelopment, eSuccession Planning, ePerformance, and Career Planning.

Overall Project Status: `Green`

LPO Summary: This project was completed on time and under budget. The project will be scheduled to present a closeout report at the next meeting of the Legislative Information Technology Committee.

Schedule Variance: 0.0 %   **Budget Variance:** 11.4 % Under

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
10/21/2011	06/07/2012	N/A	8	$ 745,336	N/A	$ 660,735	$ 660,735

1100 - Office of Management and Budget

Project Name: PeopleSoft Environment Partitioning Project

Description This project will implement a solution(s) to better manage and operate the PeopleSoft Human Capital Management (HCM) and Financial Supply Chain Management (FSCM) environments. This project will focus on partitioning of the PeopleSoft HCM and FSCM environments.

Overall Project Status: `Green`

LPO Summary: The project finished with a schedule and budget variance of GREEN. The PEPP project completed its Go Lives and Execution phase in March and also completed the project closeout phase in June 2012. The project schedule was designed to mimic a PeopleSoft HCM and Financial application patch cycle. The project teams are well versed in the process, development and testing for patch cycles and this project utilized those methods and skills.

Schedule Variance: 0.0 % Ahead   **Budget Variance:** 11.8 % Under

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
09/13/2011	06/29/2012	N/A	9	$ 500,000	N/A	$ 440,683	$ 440,683

1120 - Information Technology Department

Project Name: North Dakota Statewide Longitudinal Data System (formerly EdSmart)

Description The State of North Dakota (ND) is working towards the goals of improving student achievement in K-12 schools and ensuring that K-12 students transition successfully from K-12 to postsecondary education and the workforce. Currently, each agency collects some type of performance data, however data collected within each agency does not always provide a full picture of longitudinal outcomes (how participants fared over a length of time). While ND has experience linking educational and workforce data with the current Follow-up Information on North Dakota Education and Training (FINDET) System, ND needs to develop an architecture to provide the longitudinal data required to perform the research for program evaluation over time. ND has made progress toward planning a Statewide Longitudinal Data System (SLDS) and is prepared to initiate the building of this system.

Overall Project Status: `Green`

LPO Summary: The project is so under budget due to a number of factors: The vendor has not needed all the time originally estimated to perform the design and preliminary data loading work, ITD has not required the additional business analyst that was included in the budget, and the project team has been able to leverage a large amount of work output from the DPI K-12 SLDS project. The project is running behind schedule, however, because the project team needed to cut back on time spent on SLDS work in order to prepare Hess Grant data, the new SLDS grant application, and preparing the K-12 SLDS for user training. Currently the project team is working on gathering requirements for postsecondary data to fulfill State Fiscal Stabilization Funds (SFSF) requirements, finalizing the Vital Statistics data pump and assigning state student IDs at birth, and continuing to refine the Master Person Index. ND has won a $3.9 million grant for postsecondary work. Planning for this new work will run from July 2012 through December 2012.

Schedule Variance: 8.9 % Behind   **Budget Variance:** 86.1 % Under

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
02/01/2011	12/21/2012	N/A	22	$ 4,691,649	$ 1,929,000	$ 203,535	$ 663,026

1920 - Public Employees Retirement System

Project Name: Legacy Application System Replacement [LASR] Phase 4

Description NDPERS intends to implement a new integrated benefits administration solution that will fill the business needs of the departments and staff of NDPERS, as well as the needs of the customers of NDPERS.

Overall Project Status: `Green`

LPO Summary: The project implemented approximately 98% of the functionality on schedule October 4, 2010. The base "member self-service" was delivered by the vendor. NDPERS delayed the release of this functionality. After analyzing the usability study results some modifications are going to be made to the interface. This has resulted in a rebaseline of the schedule. The project rolled out this functionality to Retirees in January. The rest of the functionality is on schedule to be released at the end of August to pilot agencies with a full rollout in October. This project is operating under a re-plan and, if successful, will complete 2.5% UNDER budget and 70.6% BEHIND schedule when measured against the original baselines.

Schedule Variance: 2.3 % Behind   **Budget Variance:** 5.4 % Under

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
12/17/2007	09/30/2010	05/31/2012	53	$ 10,502,214	N/A	$ 9,915,634	$ 10,243,960

2010 - Department of Public Instruction

Project Name: **North Dakota State Longitudinal Education Data System**

Description The project will implement a data warehouse and analysis tools to evaluate and deliver data. This data will be comprised of kindergarten through secondary education (P-12) data to meet the needs of federal and state reporting, the No Child Left Behind Act (NCLB), policymakers, school districts, educators, and the public. The purpose of the project is to provide the data and analysis tools which can be used to measure the effectiveness of policies, curriculums, and programs intended to improve student outcomes. The data will be usable by other State entities for their individual initiatives. Due to the complexity of the scope of work, it was determined to divide this work into two separate projects: a planning project (ndSLEDS Phase 1) and an execution project (ndSLEDS Phases 2-5).

Overall Project Status: **Green**

LPO Summary: The project is slightly behind schedule and well under budget. During the second quarter the project team continued work on assessment loads and creating reports. The first series of Level 1 training for selected Regional Education Associations (REA) and school districts on accessing the existing reports in the SLDS has been completed. The project team also began revising the plan and scope for Year 4. The budget is so far under because the vendor and ITD teams' efforts have so far required fewer hours than what was originally estimated.

Schedule Variance: 4.9 % Behind   **Budget Variance:** 40.9 % Under

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
12/01/2010	06/28/2013	N/A	30	$ 4,915,680	N/A	$ 2,223,854	$ 3,371,153

2010 - Department of Public Instruction

Project Name: **NDFoods**

Description The project replaces the existing Child Nutrition and Food Distribution programs (CNFD) within the Department of Public Instruction (DPI) and all CFND program sponsors. The NDFoods project will streamline business processes, provide accurate and timely information, improve communications, speed claims for reimbursement, allow for data collection and analysis, and reduce paperwork.

Overall Project Status: **Green**

LPO Summary: This project continues to progress with an expected go live during Q3 2012.

Schedule Variance: 3.2 % Behind   **Budget Variance:** 25.9 % Under

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
04/20/2010	09/28/2012	11/28/2012	31	$ 1,173,035	$ 1,090,780	$ 806,325	$ 822,582

2010 - Department of Public Instruction

Project Name: eTranscripts

Description One of the goals established by the K-12 Domain of the ND Statewide Longitudinal Data System is to establish an electronic system that will enable school districts to transfer student transcript information to post-secondary institutions or ND school districts. Adding electronic transcript capabilities will enable school districts to exchange student information among each other as students transfer, facilitating higher data quality and continuation of key student services, especially for mobile student populations. The eTranscripts project will deliver an automated system to enable this electronic transcript information transfer.

Overall Project Status: **Green**

LPO Summary: Additional phase two functionality was developed and entered testing during the second quarter. Meanwhile, analysis and design continued to expose new requirements, resulting in the discovery that the security component of the system will require additional functionality and effort than originally anticipated. Because of this, an increase in scope to accomodate new security requirements is being initiated.

Schedule Variance: 5.6 % Behind   **Budget Variance:** 3.0 % Over

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
09/19/2011	06/28/2013	N/A	21	$ 502,000	N/A	$ 259,155	$ 545,851

3010 - Department of Health

Project Name: ND Immunization Information System Enhanced Interoperability

Description The North Dakota Immunization Information System (NDIIS) is a confidential, population-based, computerized information system that collects vaccination data about all North Dakotans. The NDIIS is an important tool to increase and sustain high vaccination coverage by consolidating vaccination records of children from multiple health care providers, providing immunization coverage rate reports for providers, and providing official immunization forms.

This project is the development of real-time, bi-directional electronic interfaces between the NDIIS and various Electronic Health Record (EHR) systems throughout the state; these interfaces will increase interoperability between the systems while reducing duplication of data entry practices.

Overall Project Status: **Green**

LPO Summary: Altru Health Systems was moved to full production with a successful real time, bi-directional integration to the ND Immunization Information System (NDIIS). The grantor has approved a no-cost extension of the grant funding to August 31, 2013, which provides the opportunity to more realistically plan reamaining portions of the project based upon provider readiness and the limited BCBSND resources available. A full re-plan has been completed and submitted. The baseline for existing tasks that have begun and should have been completed was not reset. Only those tasks that have not begun were re-baselined. This has resulted in a negative 7.6% variance to schedule at the time the re-baseline was submitted. However, those tasks should all be completed during the 3rd quarter.   As noted, the project is operating under a re-plan and, if successful, will complete on budget and 57.1% OVER schedule when measured against the original baselines.

Schedule Variance: 7.6 % Behind   **Budget Variance:** 8.0 % Under

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
11/01/2010	07/13/2012	08/31/2013	33	$ 569,634	$ 620,021	$ 287,683	$ 620,021

3250 - Department of Human Services

Project Name: **Medicaid Systems Project**

Description This project is to replace the current Medicaid MMIS, POS & DSS/DW systems.

Overall Project Status: Green

LPO Summary: The project is using a baseline schedule with a planned implementation date of October 1, 2013. The detailed schedule was approved on May 4th. The Centers for Medicare and Medicaid Services (CMS) approved the contract amendments for the scope and schedule changes, including the costs for the ICD 10 functionality, and the amendments were signed prior to the end of the quarter. The project is reporting 2.3% BEHIND schedule and 4.2% UNDER budget from the revised baseline. The current baseline will have the project complete 148% BEHIND schedule and 31.0% OVER budget when measured against the original baseline.

Schedule Variance: 2.3 % Behind   **Budget Variance:** 4.2 % Under

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
07/01/2005	07/31/2009	10/01/2013	99	$ 62,529,371	$ 81,918,736	$ 44,872,866	$ 81,918,736

3250 - Department of Human Services

Project Name: **5010**

Description The Centers for Medicare and Medicaid Services (CMS) is underway with implementation activities to convert from Health Insurance Portability and Accountability Act (HIPAA) Accredited Standards Committee (ASC) X12 version 4010A1 to ASC X12 version 5010 and National Council for Prescription Drug Programs (NCPDP) version 5.1 to NCPDP version D.0. The Department of Human Services Medicaid Management Information System (MMIS) is currently unable to successfully create and submit a 5010 HIPAA Health Care Claim Payment / Advice, an 835 transaction. Broken into 3 sub-projects, the North Dakota Department of Human Services, Medical Services Division's Medicaid Management Information System (MMIS) and the Point of Sale System are to be enhanced to meet CMS's Level I compliancy.

Overall Project Status: Yellow

LPO Summary: The project closed in the second quarter after having the end dates extended to be in line with changes to the federal deadlines. The scope of the project, however, did not change, so the baseline was not adjusted. The solution is being used in a production environment, and a closeout report was presented at the June 26, 2012, Legislative IT Committee meeting.

Schedule Variance: 44.0 % Behind   **Budget Variance:** 9.5 % Over

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
11/24/2010	07/11/2011	08/26/2011	9	$ 909,410	N/A	$ 996,023	$ 996,023

3800 - Job Service North Dakota

Project Name: **Workforce Data Quality Initiative**

Description The project scope will include activities required to design, develop and implement the Workforce Data Quality Initiative (WDQI) data warehouse, which will interface with the education data warehouse that is currently being developed as the ND SLDS project. WDQI will be developed in two phases.

Phase 1 will consist of activities to establish the infrastructure, and development initial linkages required for federal and state accountability reporting that was previously produced by the North Dakota Education and Training (FINDET) system, which includes WDQI Workforce and Unemployment Insurance data, including adult education and K-12 populations. Also, the following data sets will be provided to ND SLDS per the data sharing agreement (signed 12/28/10): Workforce Investment Act (WIA) Adult Program Enrollment Data; WIA Dislocated Worker Program Enrollment Data; WIA Youth Program Enrollment Data; Trade Act Adjustment Program Enrollment Data; ND New Jobs Enrollment Data; Workforce 20/20 Program Enrollment Data; Unemployment Insurance (UI) Employer Data; UI Wage Data.

Phase 2 will expand on the work started in Phase 1. This will include building upon the data warehouse to provide data for JSND reporting and research. Phase 2 will also produce the capacity to provide the ND SLDS research on education and workforce participant's outcomes.

Overall Project Status: **Green**

LPO Summary: The project entered the execution phase at the beginning of April with the completion of a statement of work and work order with Otis Educational Systems (OtisEd) and an updated project plan and schedule. As the second quarter progressed, an analysis of WIA data was completed and work began on creating the WIA data model that will be used to build the WIA section of the WDQI data warehouse. The WIA SQL statements that retrieve data from the VOS system that will be pumped to the data warehouse also were developed and tested.

Schedule Variance: 0.1 % Ahead   **Budget Variance:** 0.0 %

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
02/15/2012	11/27/2013	N/A	21	$ 1,005,000	N/A	$ 132,257	$ 1,005,000

4850 - Workforce Safety and Insurance

Project Name: **Information Technology Transformation Program**

Description WSI's existing workers' compensation system is used for processing and administering approximately 20,000 policies and $85 million in annual claims. Due to the age and decreasing efficiency of the system, WSI is seeking to purchase and configure a COTS system.

Overall Project Status: **Red**

LPO Summary: All efforts have been focused on completing the last major release for the Claims module, schedule for July 2012 in anticipation of a September 2012 go live. During Q2 the executive steering committee has continued meeting regularly to resolve outstanding timeine and budget issues with Aon and finalization of ongoing negotiations. This project is operating under a re-plan and, if successful, will complete 39% OVER budget and 150% BEHIND schedule when measured against the original baselines.

Schedule Variance: 52.3 % Behind   **Budget Variance:** 1.6 % Under

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
12/01/2007	11/30/2009	12/03/2012	60	$ 12,813,171	$ 17,813,289	$ 16,338,256	$ 17,808,384

5400 - Adjutant General

Project Name: **Statewide Seamless Base Map**

Description To obtain a statewide, seamless, spatially accurate, and complete base map dataset of the State of North Dakota that is to be accessible by all state agencies. The State, local and tribal governments, and the private and public sectors would benefit from a seamless base map data set that is spatially accurate and contains the necessary attributes to be used by multiple applications and users that have a need to leverage mapping services.

Overall Project Status: Green

LPO Summary: The project team worked closely with the vendor GeoComm to plan the portion of the project specifically detailing the address point work. Once completed, the entire project was re-planned and baselined to more realistically schedule the remaining image capture, image creation and centerline digitizing work. As noted, this project is operating under a re-plan and, if successful, will complete 29.6% OVER budget and 114.5% BEHIND schedule when measured against the original baselines.

Schedule Variance: 1.6 % Behind   **Budget Variance:**   1.9 % Over

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
07/01/2010	09/28/2012	04/22/2015	57	$ 1,959,809	$ 2,540,413	$ 867,604	$ 3,800,000

6160 - Seed Department

Project Name: **State Seed Application Software 2009 Upgrade**

Description The programming language and development tools of the existing Seed Department business application have become obsolete. Although the toolset has met the business needs, the age of the system has caused the department to believe that future upgrades and maintenance will be difficult and costly, putting most of the operational aspects of the business at risk. It is the intent of the State Seed Department to upgrade the current application software from obsolete development tools to current tools meeting state technology standards, specifically Microsoft.net tools and protocols interfacing with Microsoft SQL Server databases.

Overall Project Status: Green

LPO Summary: The Seed Department has completed 75% of phase five of six phases. Delivery was accepted on receipts and accounts receivable interface, but testing is still being done on accounts receivable, which has not been accepted. The project is expected to be completed on time.

Schedule Variance: 1.6 % Behind   **Budget Variance:**   2.0 % Over

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
12/01/2009	12/31/2012	N/A	36	$ 350,000	$ 358,000	$ 337,340	$ 362,340

8010 - Department of Transportation

Project Name: **Automated CDL Road Test**

Description The Commercial Driver Road Test system will consist of tough book personal computers with built in global positioning software that will replace the current paper based process. The system will enforce that no piece of the road test vehicle inspection or trip requirements can be accidently overlooked. It will also provide an audit trail of the road test results, a video tool the examiners can use to demonstrate backing requirements and the GPS module will insure all drivers are completing the entire trip route.

Overall Project Status: Yellow

LPO Summary: The RoadTest project is under budget, but is behind schedule due to hardware backorder and ND-specific functional requirements. While the baseline end date is 8/20/12, the project is estimated to be complete 10/08/12. The FMCSA grant expiration date has been approved for an extension to coincide with the estimated completion date. The project team is close to finalizing the QA test programming and anticipates starting user acceptance testing in July 2012.

Schedule Variance: 22.3 % Behind   **Budget Variance:**   27.8 % Under

Base Start	Base End	Revised End	Total Months	Base Budget	Revised Budget	Actual	EAC
03/30/2012	08/20/2012	N/A	5	$ 424,431	N/A	$ 50,000	