

Office of the Auditor General

Preliminary Survey Summary

ProjectWise System

Michigan Department of Transportation

June 2015



The auditor general shall conduct post audits of financial transactions and accounts of the state and of all branches, departments, offices, boards, commissions, agencies, authorities and institutions of the state established by this constitution or by law, and performance post audits thereof.

Article IV, Section 53 of the Michigan Constitution



OAG

Office of the Auditor General

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Doug A. Ringler, CPA, CIA
Auditor General

June 10, 2015

Mr. Jerrold M. Jung, Chair
State Transportation Commission
and
Kirk T. Steudle, PE, Director
Michigan Department of Transportation
Murray Van Wagoner Transportation Building
Lansing, Michigan

Dear Mr. Jung and Mr. Steudle:

I am pleased to provide this preliminary survey summary of the ProjectWise System, Michigan Department of Transportation. Because we did not identify significant concerns that would warrant the additional use of our audit resources, we have decided to terminate this performance audit.

We appreciate the courtesy and cooperation extended to us during our preliminary survey. If you have any questions, please call me or Laura J. Hirst, CPA, Deputy Auditor General.

Sincerely,

A handwritten signature in black ink that reads "Doug Ringler". The signature is written in a cursive, flowing style.

Doug Ringler
Auditor General

PRELIMINARY SURVEY SUMMARY

PROJECTWISE SYSTEM

RESULTS

Our preliminary survey did not identify significant concerns that would warrant the additional use of our audit resources to complete a performance audit. Therefore, we have terminated the planned performance audit.

FACTORS IMPACTING AUDIT TERMINATION

- Risks over the input and processing of ProjectWise documentation were sufficiently low.
- Risks related to security and access controls over ProjectWise were sufficiently low.
- The Federal Highway Administration (FHWA) has recognized the Michigan Department of Transportation (MDOT) as a leader in the use of e-construction technology.

BACKGROUND

System Description: ProjectWise is a system that allows users to access, share, and manage electronic files, such as project design documents, project schedules, and contract modifications. ProjectWise is used by MDOT central office staff as well as transportation service centers throughout the State. Some of the features of the system include tracking document workflows, maintaining versions of documents, and checking out documents. Users access ProjectWise using mobile devices, Web browsers, or computer programs.

Expenditures: In April 2012, MDOT and the Department of Technology, Management, and Budget entered into a contract with Bentley Systems, Incorporated, for an enterprise license agreement for a suite of 12 products, one of which is ProjectWise. The contract is worth \$5 million for the enterprise license agreement, software maintenance, and training. The contract period for ProjectWise is April 1, 2012 through September 30, 2016.

Users: As of April 2015, 2,742 users existed within ProjectWise. Of these users, 1,708 (62%) are MDOT employees and 1,034 (38%) are external users, such as contractors, consultants, local agencies, and FHWA employees.

SCOPE

Our preliminary survey generally covered the period April 1, 2012 through April 30, 2015 and included a review of the following significant ProjectWise activities:

- Development of policies and procedures.
- Process for uploading contract documentation.
- Process for assigning workflows to facilitate proper approvals.
- Management of user access to ProjectWise.
- Establishment of security settings.
- Oversight of system activity.

PURPOSE

Within a performance audit, we design the preliminary survey to obtain an understanding of the core activities within an entity or a program and to identify potential program improvements and/or deficiencies that could impair management's ability to conduct its operations in an effective and efficient manner. If the results of a preliminary survey do not identify significant concerns, our practice is to terminate the planned performance audit.

Preliminary survey procedures are limited in nature and should not be considered a completed performance audit in accordance with *Government Auditing Standards* issued by the Comptroller General of the United States. In addition, our preliminary survey procedures would not necessarily disclose the presence or absence of any material conditions and/or reportable conditions. Given that the procedures we employed did not constitute a performance audit, we will not issue a performance audit report and we do not express conclusions regarding the effectiveness or efficiency of ProjectWise.

