



Michigan
Office of the Auditor General
REPORT SUMMARY

Performance Audit

Michigan Department of Transportation Architecture Project, User Application and Registration System, Bid Express System, and Construction Related Systems Michigan Department of Transportation(MDOT) and Department of Information Technology (DIT)

Report Number:
591-0590-06

Released:
July 2007

MDOT maintains and operates over 250 information systems that process and store data to assist MDOT in providing transportation services. DIT provides information support services to MDOT for Michigan Department of Transportation Architecture Project (MAP), User Application and Registration System (UARS), and construction related systems, including operating system configuration, application development and maintenance, database administration, and physical security. MDOT contracts with a third-party contractor to administer the Bid Express System.

Audit Objective:

To assess the effectiveness of MDOT and DIT's security and access controls over selected information systems.

Audit Conclusion:

MDOT and DIT's security and access controls over selected information systems were not effective. We noted one material condition (Finding 1) and five reportable conditions (Findings 2 through 6).

Material Condition:

MDOT had not established and implemented a comprehensive information systems security program (Finding 1).

Reportable Conditions:

DIT had not established effective security controls over the server operating systems (Finding 2).

DIT had not established effective security and access controls over MAP Financial Obligation System, MAP Project Information System, Project Accounting

and Billing System, Trns*port, and UARS databases (Finding 3).

MDOT and DIT did not effectively plan for and implement effective security controls over UARS (Finding 4).

MDOT had not established effective access controls over its non-Web-based information systems (Finding 5).

DIT had not established effective physical security controls over network resources (Finding 6).

~ ~ ~ ~ ~ ~ ~ ~ ~ ~

Audit Objective:

To assess the effectiveness of MDOT and DIT's efforts to ensure the integrity of data for selected information systems.

Audit Conclusion:

MDOT and DIT were moderately effective in their efforts to ensure the integrity of data for selected information systems. We noted two reportable conditions (Findings 7 and 8).

Reportable Conditions:

MDOT did not implement data edits to ensure the integrity of MAP and Trns*port data (Finding 7).

MDOT did not ensure that system audit trails provide complete identifying information about each transaction in Trns*port (Finding 8).

~ ~ ~ ~ ~

Agency Response:

Our audit report contains 8 findings and 8 corresponding recommendations. MDOT's and DIT's preliminary responses indicate that they agree with all of the recommendations and will comply with them.

~ ~ ~ ~ ~

A copy of the full report can be obtained by calling 517.334.8050 or by visiting our Web site at: <http://audgen.michigan.gov>



Michigan Office of the Auditor General
201 N. Washington Square
Lansing, Michigan 48913

Thomas H. McTavish, C.P.A.
Auditor General

Scott M. Strong, C.P.A., C.I.A.
Deputy Auditor General