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Office of the Auditor General

Report Summary

Performance Audit

Pavement Operations

Michigan Department of Transportation (MDOT)

Report Number:
591-0310-17

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MDOT is responsible for Michigan's 9,669-mile State highway system, which comprises all M, I, and U.S. routes. MDOT's Pavement Operations Section, regional offices, and transportation service centers are responsible for determining the most cost-effective pavement material for projects, testing supplier materials prior to and throughout project completion, and conducting pavement demonstration projects to identify new construction methods, materials, and/or designs. As of July 31, 2017, the Pavement Operations Section in the Construction Field Services Division had 47 employees and expended \$5.8 million during fiscal year 2016. In addition, as of July 31, 2017, the regional offices and transportation service centers had 84 and 252 employees, respectively, who had pavement operations related responsibilities.

Audit Objective			Conclusion
Objective #1: To assess the effectiveness of MDOT's efforts to ensure that pavement material used meets specifications.			Effective
Findings Related to This Audit Objective	Material Condition	Reportable Condition	Agency Preliminary Response
None reported.		Not applicable.	

Audit Objective			Conclusion
Objective #2: To assess the effectiveness of MDOT's pavement type selection process.			Effective
Findings Related to This Audit Objective	Material Condition	Reportable Condition	Agency Preliminary Response
None reported.		Not applicable.	

Audit Objective			Conclusion
Objective #3: To assess the sufficiency of MDOT's efforts to manage the Pavement Demonstration Program.			Sufficient, with exceptions
Findings Related to This Audit Objective	Material Condition	Reportable Condition	Agency Preliminary Response
MDOT has not quantified the performance and/or cost-effectiveness of its eight pavement demonstration projects to allow determined benefits to be implemented in future projects (<u>Finding #1</u>).		X	Agrees

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