

# REPORT HIGHLIGHTS

## Evaluation of Information Technology Security at the Colorado Department of Transportation

Involved assessment of IT security management and operations at both the Colorado Department of Transportation (CDOT) and Governor's Department of Information Technology (OIT)

Information Technology Performance Evaluation, 1926P-IT, February 2020

### EVALUATION CONCERNS

By statute, Governor's Office of Information Technology (OIT) is the Information Technology Service Provider for the Colorado Department of Transportation (CDOT). However, CDOT continues to perform certain IT related functions for information systems managed by the Intelligent Transportation Systems (ITS) branch. In addition, OIT has not established the process and procedures necessary to ensure all CDOT personnel and OIT personnel supporting CDOT are trained and educated on their roles and responsibilities for ensuring the confidentiality, integrity, and availability of CDOT IT systems and data.

### BACKGROUND

The Colorado Department of Transportation

- CDOT's mission is to provide the best multi modal transportation system for Colorado that most effectively moves people, goods, and information. CDOT has multiple divisions and programs. The evaluation included a review of seven information systems that help support CDOT's mission.

The Governor's Office of Information Technology

- OIT is the State's centralized Information Technology Service Provider responsible for managing information technology resources and staff for CDOT.
- OIT hosts and manages CDOT's information systems that were under review during the evaluation.
- OIT is also responsible for maintaining the State's IT Security Program and managing Colorado Information Security Policies and OIT Cyber Policy requirements at executive branch agencies, including CDOT.

### KEY FACTS AND FINDINGS

- The ITS branch within CDOT has not consolidated IT property and IT employees to OIT.
- OIT has not established the process and procedures necessary to ensure all CDOT personnel and OIT personnel supporting CDOT are trained and educated on their roles and responsibilities for ensuring the confidentiality, integrity, and availability of CDOT IT systems and data.

### RECOMMENDATIONS

- The Colorado Department of Transportation (CDOT) should address the non-consolidation of the ITS branch.
- The Governor's Office of Information Technology (OIT) should improve security training and awareness controls over CDOT systems and personnel.