Cybersecurity Controls Over Critical Systems

Department of Transportation

Information Systems Audit Report

April 2025

State Auditor
Dave Boliek

Auditor's Transmittal

The Honorable Josh Stein, Governor
The Honorable Phil Berger, President Pro Tempore
The Honorable Destin Hall, Speaker of the House
Honorable Members of the North Carolina General Assembly
North Carolina Board of Transportation
Joey Hopkins, Secretary, Department of Transportation

Ladies and Gentlemen:

Behind the physical road and highway construction traditionally associated with the North Carolina Department of Transportation (DOT) is a series of information systems that handle highly sensitive data and contribute to day-to-day DOT operations. This ranges from tracking road obstructions to administering permit applications. As such, properly safeguarding these systems against potential cyberattacks, breaches, legal non-compliance, and damage to reputational harm is key to DOT success.

In accordance with law, the Office of the State Auditor conducted an Information Systems Audit Report, *Cybersecurity Controls Over Critical Systems*, on DOT. The objective of the audit was to determine whether DOT performed selected cybersecurity control activities in compliance with the Statewide Information Security Manual. Our audit report discloses findings, as well as recommendations, for the Department to improve its information systems security.

To protect state interests and data, the findings and recommendations of this report are confidential. DOT is not required to disclose security features of its electronic data processing systems, information technology systems, or telecommunications networks.

I'd like to thank DOT leadership and staff for working with our office as we conducted this audit.

Respectfully submitted,

Dave Boliek
State Auditor

This audit was conducted in 3,421 hours at an approximate cost of $487,993.