

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: October 16-17, 2025

From: TANISHA TAYLOR, Executive Director

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Subject: Innovations in Transportation: Caltrans Artificial Intelligence Initiatives

## **Summary:**

The California Department of Transportation (Caltrans) has established its new Data and Artificial Intelligence Office to guide the introduction of new technologies and implementation of statewide technology initiatives. Dara Wheeler, Acting Chief Data and Artificial Intelligence Officer, will present on Caltrans' key artificial intelligence initiatives.

## **Background:**

In 2023, Governor Gavin Newsom issued [Executive Order N-12-23](#) to study the development, use, and risks for artificial intelligence technology throughout the state and to develop a responsible process for evaluation and deployment of generative artificial intelligence, technology that generates novel text, images, and other content. Caltrans is developing a comprehensive artificial intelligence strategy and implementing generative artificial intelligence tools under a structured governance framework to ensure responsible and ethical use. Additionally, Caltrans is piloting two large scale projects to enhance Traffic Mobility Insights and Vulnerable Road User Safety, as well as piloting Microsoft's Copilot, an artificial intelligence-powered assistant.