

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: August 14-15, 2019

From: SUSAN BRANSEN, Executive Director

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Subject: Innovations in Transportation - Digital Transformation in Construction

## **Summary:**

Cyndee Hoagland, Vice President for Government Programs with Trimble, Inc. will speak to the general benefits of digital construction as well as the advancements being made in California. Based in Sunnyvale, Trimble, Inc. is a leader in the implementation of digital construction technology in transportation infrastructure.

## **Background:**

Under the Every Day Counts Program, the Federal Highway Administration surveyed state departments of transportation as to their progress in “e-construction” or “digital construction”. In order to measure a state's transition to a paperless environment, the Federal Highway Administration divided digital construction into 20 specific segments, ranging from planning, to bid analysis, to construction management.

Digitization means moving away from paper and toward online, real-time sharing of information to ensure transparency and collaboration, timely progress and risk assessment, quality control, and ultimately, greater efficiency and accountability.