

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: January 25-26, 2023

From: MITCH WEISS, Executive Director

Reference Number: 4.3, Information

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Subject: Innovations in Transportation – Sensor Detection Technologies for Bicyclists and Pedestrians

Summary:

Katherine Mertz, Director of Sales at Sensys Networks (Sensys), will discuss sensor technology used to detect bicycle and pedestrian traffic. Ms. Mertz will highlight Sensys' traffic technology applications and projects.

Background:

Sensys is a technology company that develops detection and data platforms for traffic management and intelligent transportation systems. Sensys was started in 2003 with a vision to improve the way people travel through cities and a mission to drive global traffic improvement through accurate detection and data. Sensys provides services for collection of data, such as arterial and freeway counts, bicycle counts, origins and destinations, performance measures, safety, signal timing, system diagnostics, and travel time. Sensys' products are also used for adaptive control detection, automated incident detection, bicycle presence, parking detection, ramp metering, and signal actuation. Sensys has provided services to Caltrans, several cities in California, and out-of-state in Maryland, Florida, Missouri, Canada, and Australia.