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SEPTEMBER 30, 2015

TO: BOARD OF DIRECTORS

THROUGH: PHILLIP A. WASHINGTON *PAW*
CHIEF EXECUTIVE OFFICER

FROM: RICHARD F. CLARKE *RFC*
EXECUTIVE DIRECTOR, PROGRAM MANAGEMENT

SUBJECT: UPDATE ON ONE CALIFORNIA CONNECTED VEHICLE
PILOT PROJECT

ISSUE

Caltrans Headquarters, in partnership with Metro, Metropolitan Transportation Commission of the Bay Area, and the San Diego Association of Governments, submitted a proposal to the United States Department of Transportation (USDOT) Federal Highway Administration for the Connected Vehicle Pilot Deployment (CVPD) program. The proposal, branded as "One California", encompasses the deployment of connected vehicle technologies in each metropolitan region that encourages economic vitality, protects our environment, and reduces congestion. On September 14, 2015, USDOT announced the recipients for the CVPD Wave 1 funding. The One California proposal was not selected to move forward as a CVPD deployment site.

DISCUSSION

The United States Department of Transportation (USDOT) Connected Vehicle Pilot Deployment (CVPD) Program is a multi-modal initiative to enable safe, interoperable, networked wireless communication among vehicles, infrastructure, and personal communications devices. Connected vehicle research is being sponsored by the USDOT and others to leverage the capabilities of wireless technology to make surface transportation safer, smarter, and greener. The CVPD Program will encompass multiple pilot sites over time, with each site having different needs, focus, and applications. Available funding for the CVPD Program is approximately \$100 million, split up in two waves of pilot deployment. A Board Box was sent on July 27, 2015 providing background information on One California's efforts in pursuing the federal grant.

On September 14, 2015, USDOT announced the recipients for the CVPD Wave 1 funding. Unfortunately, the One California proposal was not selected for the federal grant award. The deployment sites selected as part of Wave 1 were New York City, Wyoming, and Tampa, Florida. These sites will receive up to \$42 million to pilot connected vehicle technologies.

The One California team will request input from USDOT on the strengths and weaknesses of the One California proposal. The One California team will reassess its approach and strategy for potential future partnerships. It is anticipated that funding for Wave 2 of the CVPD program will be solicited in January 2017.

NEXT STEPS

Staff will continue to seek other funding opportunities and partnerships to deploy connected vehicle technologies in Los Angeles County. Staff will keep the Board informed of potential opportunities that may arise in the future.