



U.S. Department of Transportation  
**Federal Highway Administration**

## ADVANCED TRANSPORTATION AND CONGESTION MANAGEMENT TECHNOLOGIES DEPLOYMENT (ATCMTD) PROGRAM

# HAWAII

### **Implementing Cellular V2X Technology to Improve Safety and ITS Management**

**ATCMTD FY 2019 Grant Award: \$6,855,000**

**Recipient: Hawaii Department of Transportation**

#### **Project Description**

Through easily deployable technology, the Hawaii Department of Transportation will equip the entire state with vehicle-to-everything (V2X) technology. HDOT believes that the future of its roadways is in the implementation of intelligent transportation systems (ITS), including connected vehicle capabilities that connect all road users to one another and to traffic infrastructure. This V2X connectivity will take advantage of the existing cellular network and eliminate all costs associated with the installation of fiber connectivity, ensuring an effective, yet cost-efficient, solution.

#### **About ATCMTD**

The Advanced Transportation and Congestion Management Technologies Deployment program funds model deployments of cutting-edge transportation technologies that improve mobility and safety for the nation's travelers and enhance performance of the highway system. ATCMTD was established under the "Fixing America's Surface Transportation" (FAST) Act to fund innovative projects that prepare America for a transportation system of the future.