

ITS Projects

Project Name	Project Status	Timeframe	Project Description
HDOT-HWY TMC	Planned	Near-Term	This project will migrate existing systems to a new Traffic Management Center (TMC). This project will also include upgraded connections to the City and County of Honolulu's Department of Transportation Services (DTS) Traffic Management Center, and the C
HDOT-HWY GoAkamai Traveler Information Upgrade	Planned	Near-Term	This project will upgrade GoAkamai to provide additional functionality.
HDOT-HWY and City and County of Honolulu DTS Incident Management Coordination	Planned	Near-Term	This project will create a coordinated incident management program involving both HDOT-HWY and C&C of Honolulu DTS, as well as first responder agencies.
HDOT-HWY Fiber Optic Network	Planned	Near-Term	This project will expand the HDOT-HWY fiber optic network, and supplement it with the City and County of Honolulu's fiber optic network.
HDOT-HWY Traffic Sensor Expansion	Planned	Near-Term	This project will expand traffic sensor coverage for spot speeds on HDOT-HWY facilities.
HDOT-HWY Travel Time Expansion	Planned	Near-Term	This project will expand highway travel time coverage on HDOT-HWY facilities.
HDOT-HWY CCTV Expansion	Planned	Near-Term	This project will expand CCTV camera coverage on HDOT-HWY facilities.
HDOT-HWY DMS Expansion	Planned	Near-Term	This project will add additional Dynamic Message Signs (DMS) on HDOT-HWY facilities.
HDOT-HWY-V CVIEW	Planned	Near-Term	This project will deploy a CVISN-compliant Commercial Vehicle Information Exchange Window (CVIEW) that will serve as a primary data repository for credential (e.g., VIC), safety (e.g., out-of-service orders), motor carrier census, and Electronic Freight M
HDOT-HWY-V Trucking in Hawaii Web Portal	Planned	Near-Term	This project will provide a single point of access for motor carriers to view commercial vehicle regulatory and enforcement information from all state agencies. Specifically, a trucking portal will minimize motor carrier effort required to collect inform
HDOT-HWY-V Automated VIC Process	Planned	Near-Term	This project will automate the application, issuance, and receipt of Vehicle Identification Card (VIC) credential and support the real-time roadside effort of VIC credential. The intent is to provide on-line credentialing for VIC applications, with links
HDOT-HWY-V Deployment of Virtual Weigh Station	Planned	Long-Term	This project will deploy virtual weigh stations in Hawaii.
HDOT-HWY-V Modernize Vehicle Registration System Database	Planned	Long-Term	This project will make on-line commercial vehicle renewals available to fleet operators; and enable authorized Federal, State, and county users to access vehicle registration data in real-time.
HDOT-HWY-V Deploy E-Screening at Sand Island	Planned	Long-Term	This project will electronically identify vehicles as they approach Sand Island Facility.
HDOT-AIR Communications Systems Upgrade	Planned	Long-Term	This project will upgrade the HDOT-AIR communications network statewide to allow coordination with public safety and between HDOT-AIR facilities.
City and County of Honolulu Smarter Cities System	Planned	Near-Term	This project is under development and creates a City Intelligent Operation Center, initially to support Emergency Management and Disaster Response; and ultimately to enhance day-to-day operations of the City. The Smart Cities system will connect to the H

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Intermodal Fare Card	Planned	Near-Term	This multi-agency project will deploy an intermodal fare card. Initially, the card will be used for transit fare collection by the City and County of Honolulu DTS's public transit provider and then by HART for transit fare payment. Ultimately, the card w
HIEMA Emergency Messages on DMS	Planned	Near-Term	This project will create a connection to allow HIEMA to have the ability to put emergency messages on HDOT-HWY DMS. HIEMA would not have direct control of the signs, but provide information or messages via a center-to-center connection.
HTA Smartphone App	Planned	Near-Term	This project will deploy a Smart Phone App that can be used for general info and safety. The app will be developed first in English and Chinese, with Safety being the primary focus for version 1. In future versions, HTA plans to provide additional lang
HTA Update of GoHawaii.com Website	Planned	Near-Term	This project will update the GoHawaii.com website to include real time information on weather as well as emergency information.
HIEMA Web EOC Upgrade	Planned	Near-Term	This project will upgrade HIEMA's Web EOC capabilities to include hosting information in the cloud. This upgrade will allow multiple agencies outside of the Hawaii State EOC to access information on Web EOC.
HDOT Website Update	Planned	Near-Term	This project will redesign the HDOT statewide website for Highways, Airports, and Harbors divisions.