

Projects By Stakeholder

Stakeholder	Project Name	Status	Timeframe	ProjectDescription
County of Kauai - Civil Defense Agency				
	Hanalei Flood Warning System	Planned	Long-Term	This project will involve HDOT-HWY-K, Kauai Civil Defense, Police, and DPW to develop a warning system consisting of CCTV and other ITS equipment. Information from rain gauges operated and maintained by the National Weather Service / USGS will be used fo
	HDOT-HAR-K Emergency and Traffic Coordination	Planned	Long-Term	This project will establish a connection between the Harbor Security Office, the EOC and the HDOT-HWY-K's desired traffic operations center (TOC).
	HDOT-HAR-K Monopole Wireless Communications	Planned	Near-Term	This project is part of the statewide maritime wireless communications project to construct and install a monopole at each port, enabling wireless communication between the Harbors Division and its districts, with the State and County Civil Defense/Emerge
	Kauai CDA and Kauai 911 Dispatch Center Coordination	Planned	Near-Term	This project will add a read-only CAD feed from the Kauai 911 Dispatch Center to the Kauai EOC.
County of Kauai - Department of Public Works				
	Hanalei Flood Warning System	Planned	Long-Term	This project will involve HDOT-HWY-K, Kauai Civil Defense, Police, and DPW to develop a warning system consisting of CCTV and other ITS equipment. Information from rain gauges operated and maintained by the National Weather Service / USGS will be used fo
	Kapaa Transportation Solutions Project	Planned	Near-Term	The Kapaa Transportation Solutions Project will look at transportation improvements to benefit Kapaa. There may be ITS applications considered for implementation as part of this project.
	Kauai DPW Closed Circuit Television (CCTV)	Planned	Near-Term	This project will coordinate with HDOT-HWY-K to add CCTV cameras for traffic monitoring on Kauai County roads at select areas.
	Kauai DPW Fixed Dynamic Message Signs (DMS)	Planned	Long-Term	This project will coordinate with HDOT-HWY-K to deploy permanent DMS with advisory speed messages. The signs will also have the capability to collect speed data.
	Kauai DPW Temporary Speed Signs	Planned	Near-Term	This project coordinates with HDOT-HWY-K to deploy temporary speed signs with the dual purpose of collecting data and responding to neighborhood speed complaints.
County of Kauai - Fire Department				
	Kauai Fire MDT Upgrade	Planned	Near-Term	This project will replace MDTs (likely with tablets). [Note: This project has some dependency on KFD's selection of a replacement CAD system.]
	Kauai Fire Wireless Communications Upgrade	Planned	Near-Term	This project will improve wireless communications for the Kauai Fire.
County of Kauai - Police Department				
	Hanalei Flood Warning System	Planned	Long-Term	This project will involve HDOT-HWY-K, Kauai Civil Defense, Police, and DPW to develop a warning system consisting of CCTV and other ITS equipment. Information from rain gauges operated and maintained by the National Weather Service / USGS will be used fo
	Kauai CDA and Kauai 911 Dispatch Center Coordination	Planned	Near-Term	This project will add a read-only CAD feed from the Kauai 911 Dispatch Center to the Kauai EOC.
	Kauai Fire Wireless Communications Upgrade	Planned	Near-Term	This project will improve wireless communications for the Kauai Fire.

Stakeholder	Project Name	Status	Timeframe	ProjectDescription
	Kauai Police Computer Aided Dispatch (CAD) System Upgrade	Planned	Near-Term	This project will upgrade or replace the Kauai Police CAD system.
	Kauai Police Mobile Data Terminal (MDT) Upgrade	Planned	Near-Term	This project will upgrade the MDTs in Kauai Police vehicles.
	Kauai Wireless Communications Upgrade	Planned	Long-Term	This project will improve wireless communications for Kauai EMS.
Hawaii Department of Transportation, Airports Division, Kauai District				
	HDOT-AIR-K Airport Secondary Entrance	Planned	Long-Term	Should a second entrance to the Lihue Airport be constructed, ITS field devices (e.g., CCTV cameras, traffic sensors, dynamic message signs) could be included in the project design in coordination with HDOT-HWY-K.
	HDOT-AIR-K Mobile Data Terminals	Planned	Long-Term	This project will add MDTs to the HDOT-AIR-K/ARFF Fire/Emergency Vehicles.
	HDOT-AIR-K Parking Closed Circuit Television (CCTV)	Planned	Near-Term	This project will expand CCTV camera coverage to include parking areas.
	HDOT-AIR-K Roads Closed Circuit Television (CCTV)	Planned	Near-Term	This project will expand CCTV camera coverage to include the roads leading to/from the airport.
	HDOT-AIR-K Traveler Information Kiosk	Planned	Long-Term	This project will add a traveler information kiosk at baggage claim and tie into the Flight Information Display System (FIDS) at baggage claim.
	HDOT-AIR-K Wireless Communications Upgrade	Planned	Long-Term	This project will upgrade wireless communications for the Kauai Airport.
Hawaii Department of Transportation, Harbors Division, Kauai District				
	HDOT-HAR-K Emergency and Traffic Coordination	Planned	Long-Term	This project will establish a connection between the Harbor Security Office, the EOC and the HDOT-HWY-K's desired traffic operations center (TOC).
	HDOT-HAR-K Expanded Closed Circuit Television (CCTV) Coverage	Planned	Near-Term	This project will expand CCTV coverage at the port to address blind corners.
	HDOT-HAR-K Monopole Wireless Communications	Planned	Near-Term	This project is part of the statewide maritime wireless communications project to construct and install a monopole at each port, enabling wireless communication between the Harbors Division and its districts, with the State and County Civil Defense/Emerge
	HDOT-HAR-K Security Trailer	Planned	Long-Term	This project will construct a security trailer with a consolidated Security Office at Nawiliwili that operates 24/7 with adequate staff to monitor video from all CCTV cameras; ensure access to camera images regardless of vendor using a video distribution
Hawaii Department of Transportation, Highways Division, Kauai District				
	Hanaiei Flood Warning System	Planned	Long-Term	This project will involve HDOT-HWY-K, Kauai Civil Defense, Police, and DPW to develop a warning system consisting of CCTV and other ITS equipment. Information from rain gauges operated and maintained by the National Weather Service / USGS will be used fo
	HDOT-AIR-K Airport Secondary Entrance	Planned	Long-Term	Should a second entrance to the Lihue Airport be constructed, ITS field devices (e.g., CCTV cameras, traffic sensors, dynamic message signs) could be included in the project design in coordination with HDOT-HWY-K.
	HDOT-HAR-K Emergency and Traffic Coordination	Planned	Long-Term	This project will establish a connection between the Harbor Security Office, the EOC and the HDOT-HWY-K's desired traffic operations center (TOC).

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	HDOT-HWY-K Closed Circuit Television (CCTV)	Planned	Long-Term	This project will add CCTV at state intersections in Kauai.
	HDOT-HWY-K Fixed Dynamic Message Signs (DMS)	Planned	Long-Term	This project will add fixed DMS at key locations in Kauai. These signs will need to be smaller fixed mount signs that would notify the public of road closures and alternate routes.
	HDOT-HWY-K Portable Dynamic Message Sign (DMS) Upgrade	Planned	Long-Term	This project will upgrade HDOT-HWY-K portable DMS to have modems for remote access.
	HDOT-HWY-K Traffic Control Center (TCC)	Planned	Long-Term	This project will create a traffic control center from which State traffic signals and other ITS equipment will be monitored. The center will include connections to the Kauai 911 Dispatch Center and Kauai EOC.
	HDOT-HWY-K Traffic Signal Upgrade	Planned	Near-Term	This project will upgrade traffic signal systems to have remote monitoring capability. Existing modems in equipment could be lit up and FOC could be added. Alternatively, a Public-Private partnership with telecommunications providers could be established
	Kapaa Transportation Solutions Project	Planned	Near-Term	The Kapaa Transportation Solutions Project will look at transportation improvements to benefit Kapaa. There may be ITS applications considered for implementation as part of this project.
	Kauai Bus Transit Signal Priority (TSP)	Planned	Long-Term	This project will implement transit signal priority to improve schedule adherence.
	Kauai DPW Closed Circuit Television (CCTV)	Planned	Near-Term	This project will coordinate with HDOT-HWY-K to add CCTV cameras for traffic monitoring on Kauai County roads at select areas.
	Kauai DPW Fixed Dynamic Message Signs (DMS)	Planned	Long-Term	This project will coordinate with HDOT-HWY-K to deploy permanent DMS with advisory speed messages. The signs will also have the capability to collect speed data.
	Kauai DPW Temporary Speed Signs	Planned	Near-Term	This project coordinates with HDOT-HWY-K to deploy temporary speed signs with the dual purpose of collecting data and responding to neighborhood speed complaints.
Kauai County Transportation Agency				
	Kauai Bus Automated Vehicle Location (AVL)/ Computer Aided Dispatch (CAD)	Planned	Near-Term	This project will add automated vehicle location (AVL) to all buses and paratransit vehicles, along with computer aided dispatch (CAD) for fleet management.
	Kauai Bus Master Transit Coordination Center	Planned	Long-Term	This project would create a master transit coordination center for the island. This center could potentially include not only Kauai Bus elements, but also private shuttles if the shuttle project moves in that direction.
	Kauai Bus Next Bus Traveler Information	Planned	Near-Term	This project will add Next Bus real-time traveler information to Kauai buses.
	Kauai Bus On-Board Closed Captioned Television (CCTV) Cameras	Planned	Near-Term	This project will add on-board closed captioned television (CCTV) cameras to Kauai Buses to provide security.
	Kauai Bus Transit Center	Planned	Near-Term	This project will design and construct a transit center at the Lihue Civic Center.
	Kauai Bus Transit Signal Priority (TSP)	Planned	Long-Term	This project will implement transit signal priority to improve schedule adherence.
	Kauai Bus WiFi	Planned	Long-Term	This project will add WiFi connectivity on every bus and at every Kauai Bus stop.

Kauai Visitors Bureau

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	Hanalei Flood Warning System	Planned	Long-Term	This project will involve HDOT-HWY-K, Kauai Civil Defense, Police, and DPW to develop a warning system consisting of CCTV and other ITS equipment. Information from rain gauges operated and maintained by the National Weather Service / USGS will be used fo
Medical Transportation				
	Kauai EMS Computer Aided Dispatch (CAD) System	Planned	Near-Term	This project will upgrade tablets in Kauai EMS vehicles to ensure CAD functionality.
	Kauai Wireless Communications Upgrade	Planned	Long-Term	This project will improve wireless communications for Kauai EMS.