



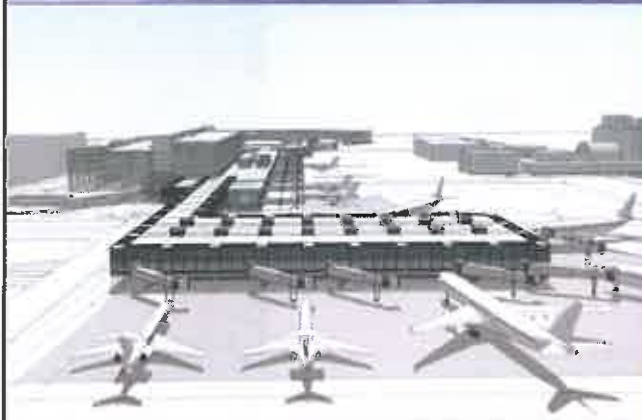
PRESENTATION AGENDA

Upcoming Major Projects and Initiatives

		
AIRPORTS DIVISION	HARBORS DIVISION	HIGHWAYS DIVISION



Honolulu Mauka Concourse



DESCRIPTION

New 250,000 SF terminal with 6 wide body or 11 narrow body gates.

CONSTRUCTION COST

\$215M

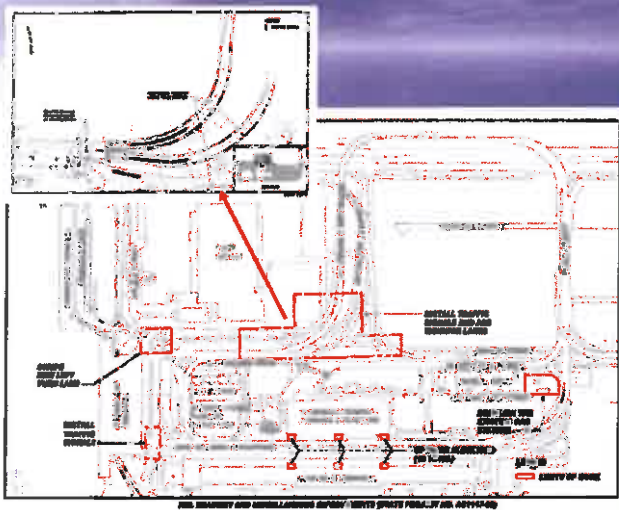
SCHEDULE

Estimated Start June 2014

Completion Feb 2016



Honolulu Roadway & Miscellaneous Improvements



DESCRIPTION

Roadway improvements to mitigate roadway congestion, including installation of traffic signals at bottom of H-1 off ramps; Upgrade elevators and demolition of gas station.

CONSTRUCTION COST

\$7.9M

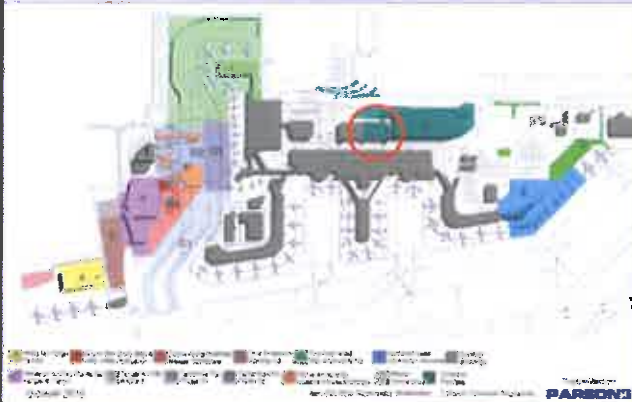
SCHEDULE

Start Dec 2012

Est. Completion June 2013



Honolulu CONRAC, Ph IIA (Interim Facility)



DESCRIPTION

Convert DH end of OST parking structure to accommodate car rental operations during construction of CONRAC Ph. IIB.

CONSTRUCTION COST

\$43M

SCHEDULE

Estimated Start Fall 2013
Completion July 2014



Honolulu CONRAC, Ph IIB (Permanent Facility)



DESCRIPTION

Consolidated Car Rental Facility with common bussing, quick turn around facility and parking.

CONSTRUCTION COST

\$250M

SCHEDULE

Estimated Start Fall 2014
Completion June 2017





Honolulu Roadway/Terminal Signage Improvements



DESCRIPTION

Replace the roadway and terminal way finding signage, including rename the terminals and gates to alpha-numeric, and baggage claims to numeric.

CONSTRUCTION COST

\$22M

SCHEDULE

Estimated Start June 2014
Completion June 2015



Kahului Airport



DESCRIPTION	AMOUNT
Apex Pavement Structure Improvements	\$1,811,214
Passenger Information Systems, Ph I	\$1,246,800
Alaska Airlines and Preexisting Air Traffic Control Tower	\$778,300
Runway Taxiway, Ph I	\$8,200,000
CONSTRUCTION	
Runway, Taxiway, and Apron	\$1,800,000
ORR Construction	\$1,300,000
Passenger Information System, Ph II	\$2,800,000
Runway Taxiway, Ph II	\$4,200,000
Runway Taxiway, Ph III	\$3,000,000
Security Access Control, Runway Taxiway	\$1,937,000
Runway Taxiway and Apron Construction, Ph I, Program Upgrade	\$2,430,000
Kahului Airport Access Road	\$80,000,000
Runway Taxiway, ORR & Parking Lot Improvements	\$5,000,000
Runway Taxiway, Ph II	\$3,760,000
Runway Taxiway, Ph III	\$4,800,000
FUTURE	(ESTIMATED COSTS)
Runway Taxiway, Ph II	\$5,000,000
Runway Taxiway, Ph III	\$3,000,000
Runway Taxiway, Ph IV	\$5,000,000
Runway Taxiway, Ph V	\$5,000,000



Airport Access Road to Hana Highway Kahului Airport

Proposed Project Site



SCOPE - AM1002-14

New airport access road from Hana Highway to the main Airport Terminal

EST. TOTAL COST

\$60 Million

EST. SCHEDULE

Bid Opening:
08/8/2013

Construction Start: 11/2013,
12 months duration



Roadway Improvements and ConRAC Facility Kahului Airport

Concept B2 Overall Aerial View



SCOPE - AM1002-13

Provide a new Consolidated Rental Car Facility to consist of Quick Turnaround, Ready/Return, Customer Service Bldg, and roadway connections to the Airport roadway system

EST. TOTAL COST

\$303 Million

SCHEDULE

Construction Start: 03/2014,
24 months duration



Kona International Airport at Keahole

Current Future



	Cost
Current	
• Additional Emergency Control	\$1,000,000
• New Aircraft Rescue and Firefighting (ARFF) Station	\$18,000,000
Future	(To be determined)
• Security Checkpoint & AOA Phase 1	\$250,000
• Replace Access Control and CCTV System	\$2,000,000
• Defect Control in Terminal	\$2,000,000
• Terminal Expansion, Ph. 1	\$20,000,000
• Airtel Operations Center	\$1,000,000

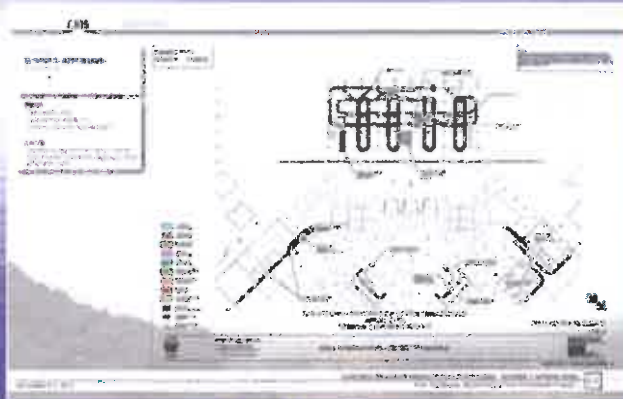


Master Plan Land Use Map Kona International Airport at Keahole





Terminal Modernization, Ph I Kona International Airport at Keahole



Apron Level Plan

DESCRIPTION

Main Airport Terminal Modernization to include centralized security checkpoint, In-Line Baggage Handling System, connectivity of the north and south holdrooms for improved passenger experience and airline/airport operations

CONSTRUCTION COST

\$60M

SCHEDULE

Estimated Start August 2014

Completion February 2016



Hilo International Airport



COMPLETED	00478
Main Cargo Bldg. (Ph I)	\$10,000,000
ATAULKANA	
Main Cargo Bldg. (Ph II)	\$14,000,000
Airport I - Air Expansion (Ph I) to I-5	\$100,000
PENDING	(Collocated Costs)
Future General A CCTV System Expansion	\$1,700,000
New Aircraft Fueler and Firefighter Station	\$14,000,000
Remodeling Subdivision Noise Program, Ph I	\$0.000,000
Various Lot Expansion	\$0,000,000



Lihue Airport



COMPLETED	COST
Rubber Runovers on Runway	\$303,700
PENDING	
RSA Improvements to Runway 33 Approach	\$236,000
Landfill Site Remediation	\$2,604,000
Access Control & CCTV Systems Replacement	\$455,000
Air Conditioning System Improvements, Ph 2	\$4,927,000
Land Acquisition (78 acres with infrastructure)	\$57,261,000
PURPOSE	Estimated Cost (\$)
Parking Lot Expansion	\$1,166,000
Connected Car Rental Facility	TBD

HARBORS DIVISION

Hahaione





PRIMARY INFRASTRUCTURE

Because of Hawaii's geographic isolation, our commercial harbor system plays an integral role in the support of the State's economy. We import 80 percent of the goods consumed, of which 98 percent goes through the commercial harbors. Honolulu Harbor is the port of entry for the State.



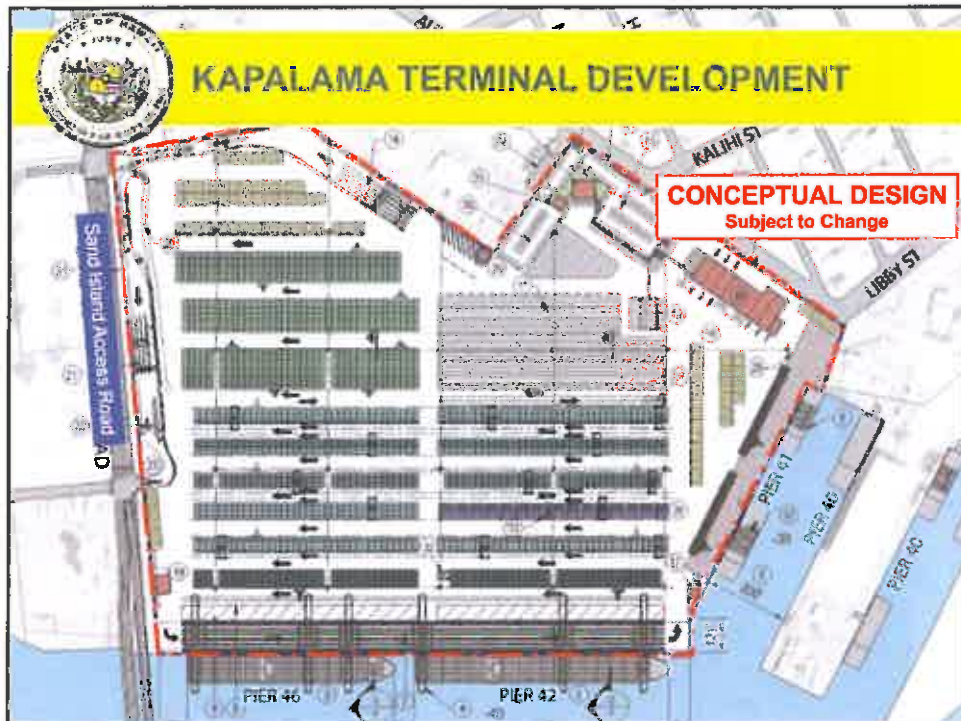
KAPALAMA TERMINAL DEVELOPMENT

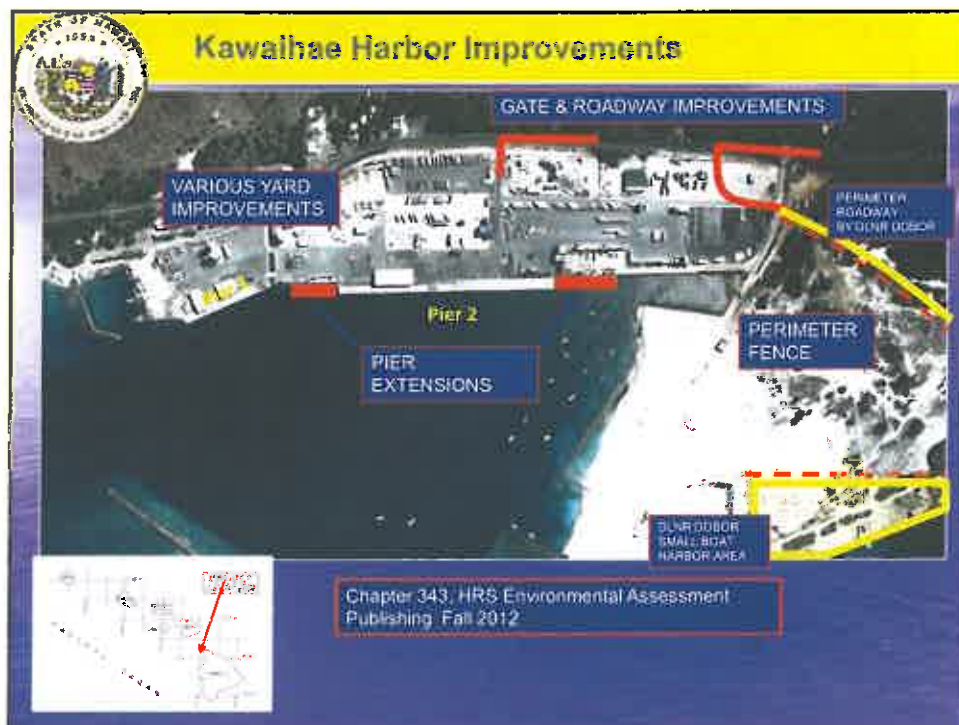
CONCEPTUAL DESIGN
Subject to Change

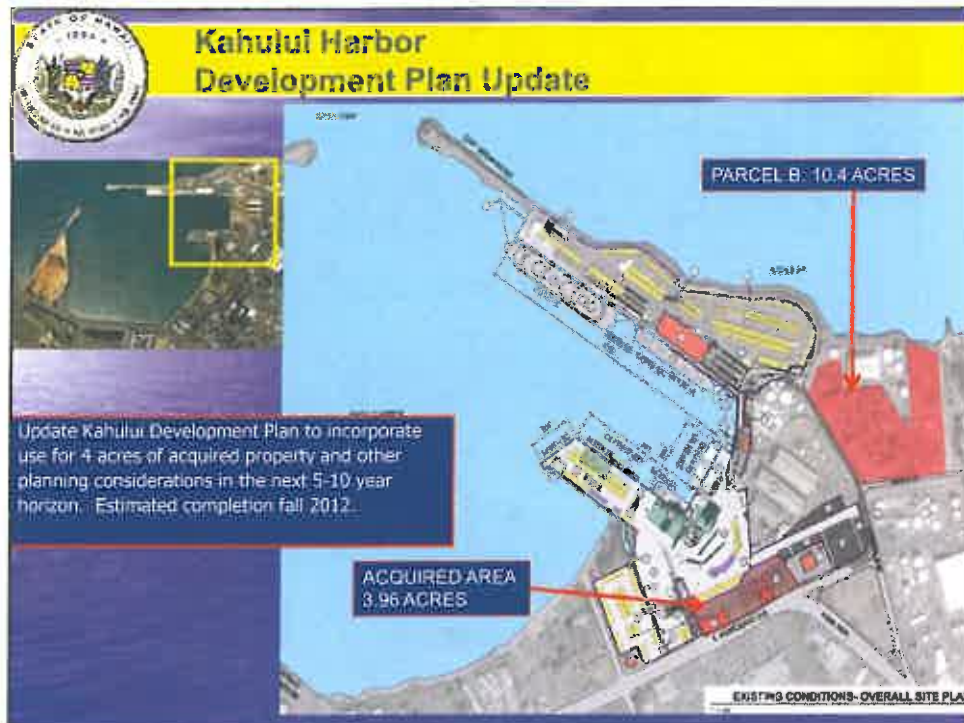
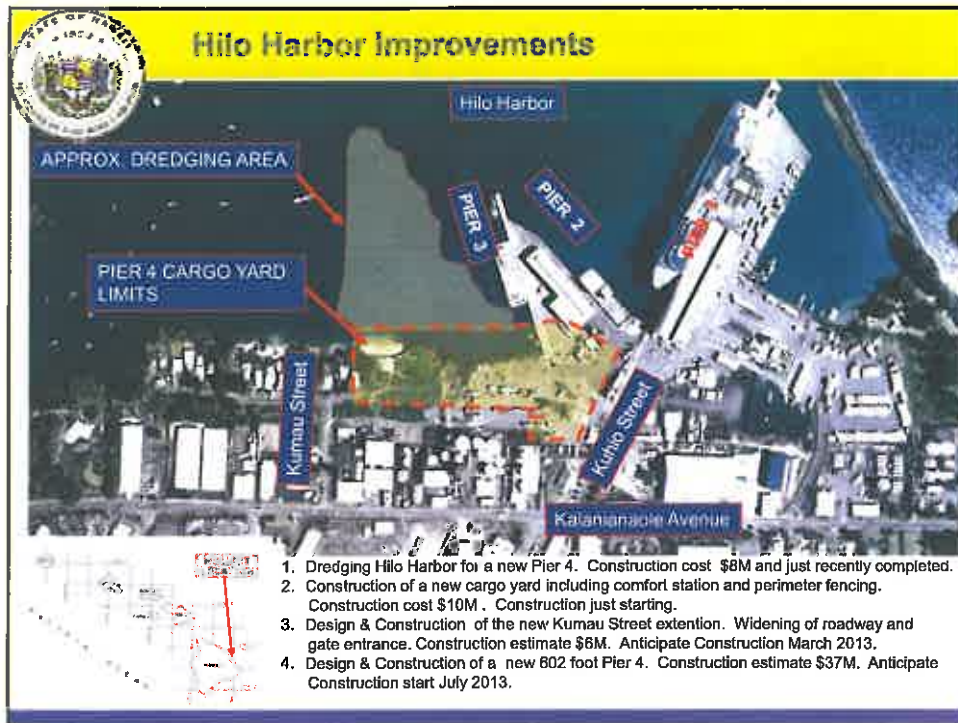
Sand Island Access Road

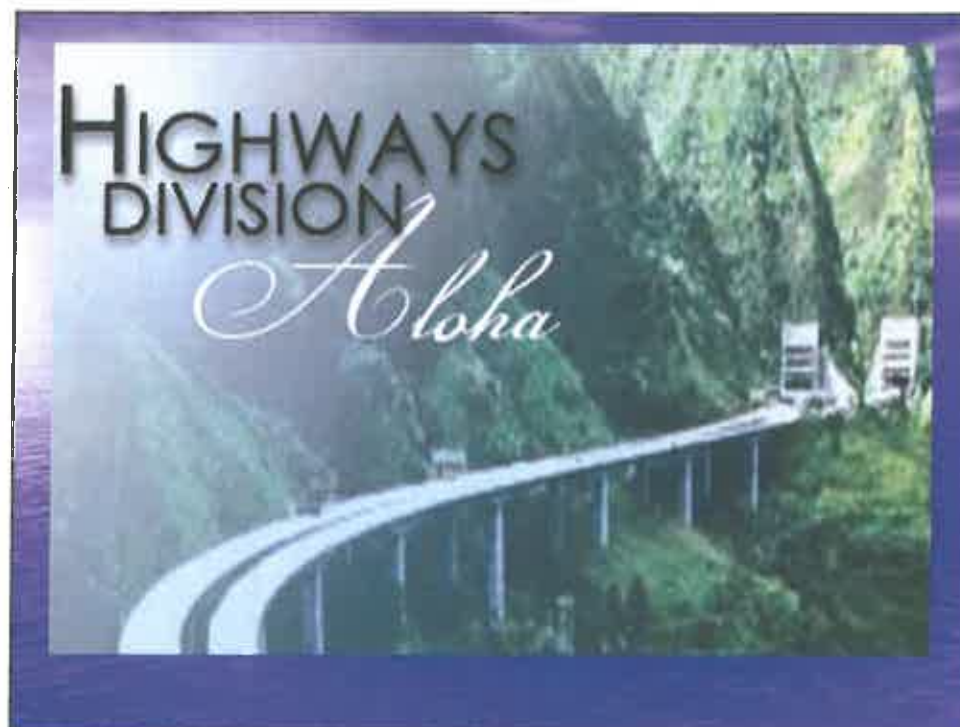
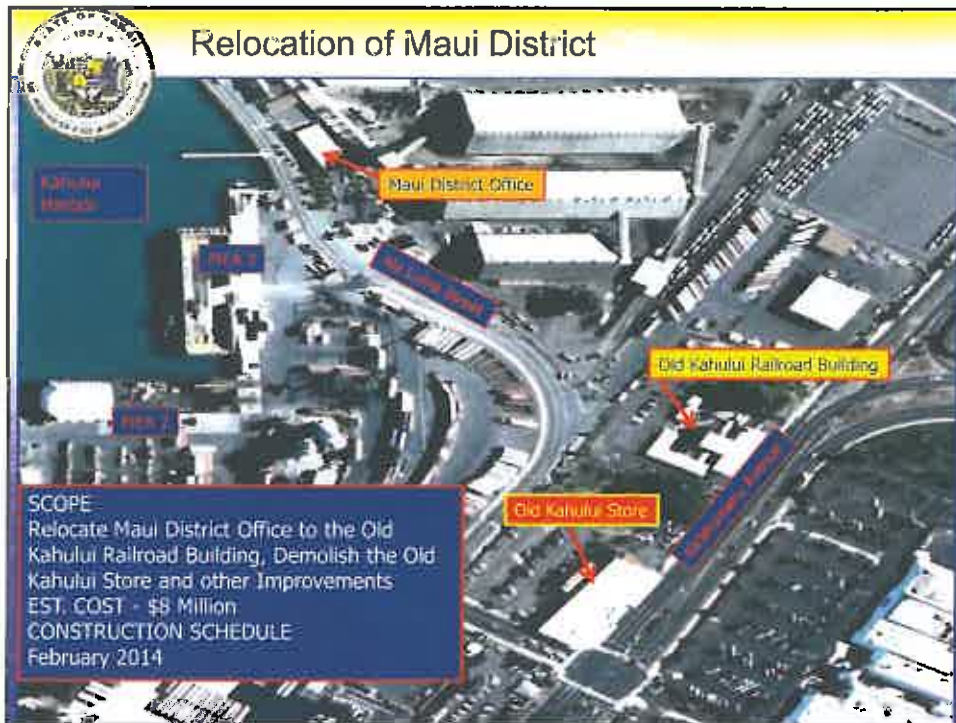
DESCRIPTION: Development of 1,800' Pier, 90-Acre Cargo Yard, and Roadway and Gate Improvements.
EST. CONSTRUCTION COST: \$221 million.





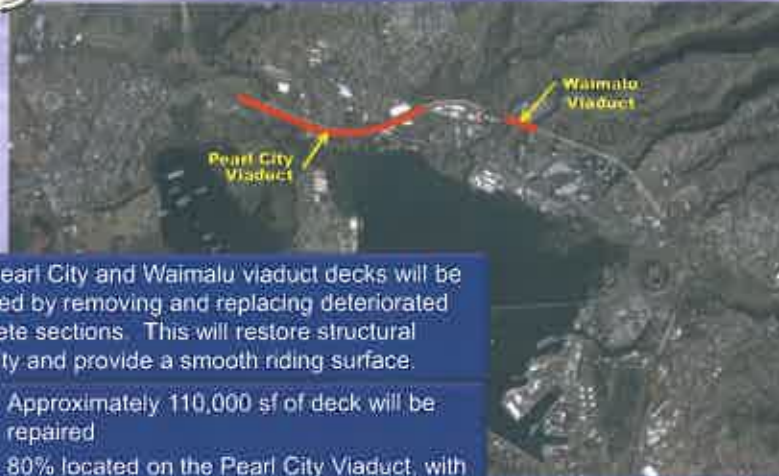








Interstate Route H-1 PM Contraflow Project

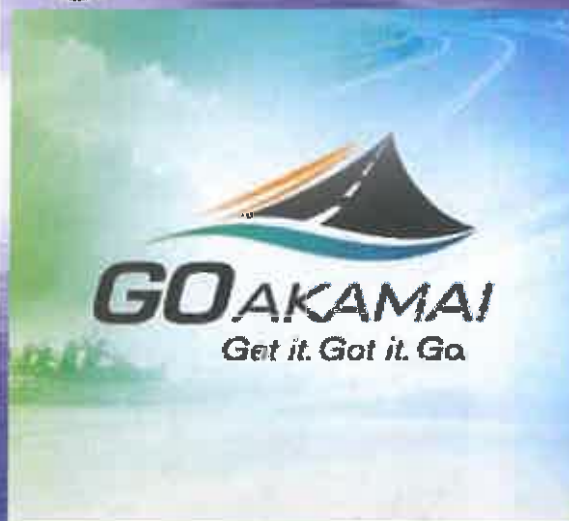


The Pearl City and Waimalo viaduct decks will be repaired by removing and replacing deteriorated concrete sections. This will restore structural integrity and provide a smooth riding surface.

- Approximately 110,000 sf of deck will be repaired
- 80% located on the Pearl City Viaduct, with remaining 20% on the Waimalo Viaduct
- Majority of areas needing repair are in the innermost lanes along the center median barrier in both directions



Freeway Management System (FMS)



SCOPE

Goals for HDOT's FMS program:

1. Implement an interagency incident management program
2. Provide advanced traveler information

COST

\$ 200 M



Freeway Service Patrol (FSP) ((841-HELP))



SCOPE

To provide minor assistance to motorists on the freeway and to assist emergency responders in clearing freeway incidents.

COST

\$9.0M for 3 Years



GoAkamai Advanced Traveler Information System www.goakamai.org



- Launched August 2010
- Provides 24/7 traffic congestion info for Oahu freeways
- Uses 73 doppler radar stations for real-time traffic flow data
- Links over 200 traffic cameras for on-site snapshots
- Connects to bus transit, carpooling, roadwork, Freeway Service Patrol & other resources



GoAkamai Advanced Traveler Information System Travel Time System



Traffic, Travel and Transit Info



** Artist's Rendition:
Design elements are subject to change.*

- 511 automated phone system
- Highway electronic messageboards
- Gives motorists real-time traffic info via phone, internet & signs
- Info will also be used by TV newscasts & radio traffic reports
- Anticipated target completion for 511 system is September 2013.



Interstate Route H-1 Rehabilitation, Middle Street to Vicinity of Ward Avenue

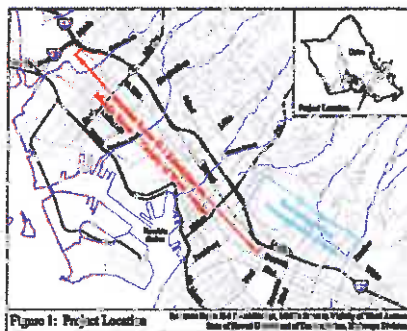


Figure 1: Project Location

For more info on H-1 Rehabilitation, visit the website at www.hawaii.gov/transportation.
State of Hawaii Department of Transportation, Planning Division

SCOPE

Rehabilitate pavement, upgrade lighting and restripe H-1.

EST. COST

\$40 Million





Interstate Route H-1, Airport Viaduct Improvements, Valkenburgh Street to Middle Street



SCOPE

Repair the concrete deck

EST. COST

\$26 Million



Vineyard Boulevard Resurfacing Palama Street to H-1 On-and-Off Ramp



SCOPE

Replace the existing pavement
at Vineyard Boulevard.

EST. COST

\$8.4 Million

EST. SCHEDULE

Construction Summer 2013





Kalanianaʻōle Highway Resurfacing West Hind Drive to Vicinity of Hanauma Bay Road



SCOPE
Resurfacing, guardrail,
signing, landscaping and
striping

EST. COST
\$15 Million

**EST. ADVERTISED/BID
SCHEDULE**
OCTOBER 2013



Kamehameha Highway Resurfacing Waihau Street to Ka Uka Boulevard



SCOPE
Resurface 13.0 lane-miles of
Kamehameha Highway and
install new guardrails.

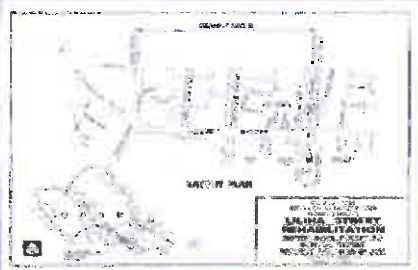
EST. COST
\$20.0 Million

EST. SCHEDULE
Advertise October 2013





Liliha Street Rehabilitation, North King Street to School Street



SCOPE

Rehabilitate the existing AC pavement.

EST. COST

\$4 Million



Kapolei Interchange, Phase II



SCOPE

Construct the Wakea Street overpass and on-and off-ramps.

EST. COST

\$48 Million

EST. SCHEDULE

Advertise January 2014





Queen Kaahumanu Highway Widening, Phase 2 Kealakehe Parkway to Keahole Airport Road



SCOPE

Widen Queen Kaahumanu Highway from an existing 2-lane to a 4-lane divided highway

COST

\$76.2 M



Keaau-Pahoa Road Shoulder Lane Conversion (Phases I & II)



SCOPE

Provide northbound shoulder lane conversion and paved shoulder. Provide new southbound afternoon shoulder lane in the Pahoa bound direction and paved shoulder. Traffic signal at intersection of Keaau-Pahoa Road and Shower Drive

COST

Phase I: \$21 Million

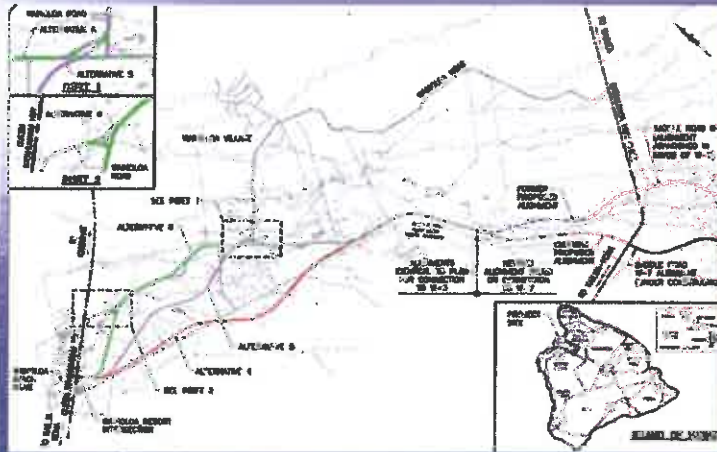
Phase II: \$ 3 Million

PROJECT WILL ADDRESS:

Safety



Saddle Road Extension – Mamalahoa Highway to Queen Kaahumanu Highway



SCOPE:

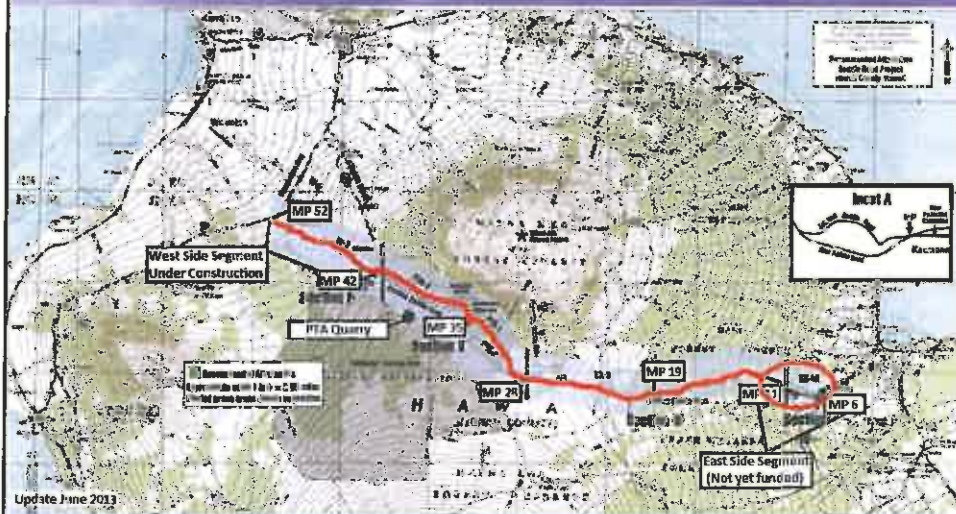
Extension of Saddle Road from Mamalahoa Hwy. to Queen Kaahumanu Hwy.

EST. COST
\$80 Million

EST. SCHEDULE
EIS – late 2013



Saddle Road – Route 200





Saddle Road – to be renamed and dedicated as Daniel K. Inouye Highway



Hana Highway Historic Bridge Preservation Plan



SCOPE

Develop a bridge preservation plan for Hana Highway Bridges, including a prioritized implementation plan based on needs and feasibility.

EST. TOTAL COST

\$1.5 Million

EST. SCHEDULE

Planning in progress







Lahaina Bypass - Honoapiilani Hwy. Realignment Ph. 1B-1, Lahainaluna Rd. to Hokiokio Pl.



Lahaina Bypass - Honoapiilani Hwy. Realignment Ph. 1B-2, Hokiokio Pl. to Relocated Southern Terminus



SCOPE

Ultimate build out to 4 lanes – in phases.

EST. TOTAL COST

\$49 Million

EST. SCHEDULE

Design Funds: FFY 2015





Kahului Airport Access Road Vicinity of Puunene Avenue to Hana Highway



SCOPE

Construct portion of new access road to Kahului Airport from vicinity of Puunene Ave. to Hana Hwy.

EST. TOTAL COST

\$33 Million

EST. SCHEDULE

Bid Opening: Aug 2013



Puunene Avenue Widening Wakea Avenue to Kuihelani Highway



SCOPE

Widen Puunene Ave. from 2-lanes to 4-lanes from Kuihelani Hwy. to Wakea Ave.

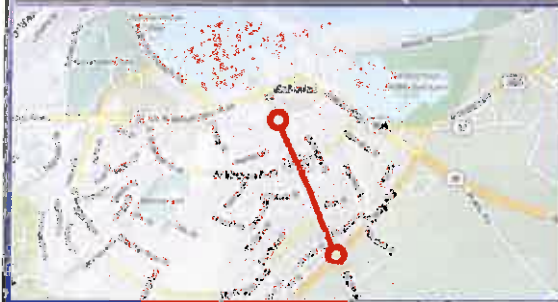
Realign Puunene Ave. from Wakea Ave. to E. Kamehameha Ave. to match new 4-lane widening.

EST. COST

\$5.4 Million

EST. SCHEDULE

Land Acquisition Funds: FY 2014
Construction Funds: FY 2015

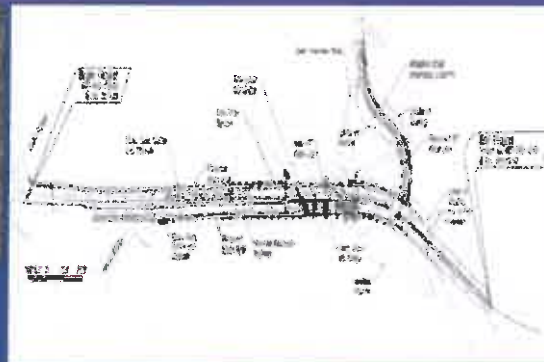




EST. COST
\$20.2 Million



Scope: Construct new two lane bridge, realign Ho'omana Road, rehabilitate and widen the existing Lihue Mill Bridge





PUBLIC CONTACT INFORMATION

- For All Divisions Statewide, Questions & Concerns
 - DOT Community Affairs Office: 587-2160
 - E-mail: dotpao@hawaii.gov

