

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
Jadine Urasaki, Deputy Director of Capital Projects
General Contractor's Association
August 19, 2014



New Day in Hawaii

Upcoming Major Projects



AIRPORTS DIVISION



HARBORS DIVISION



HIGHWAYS DIVISION



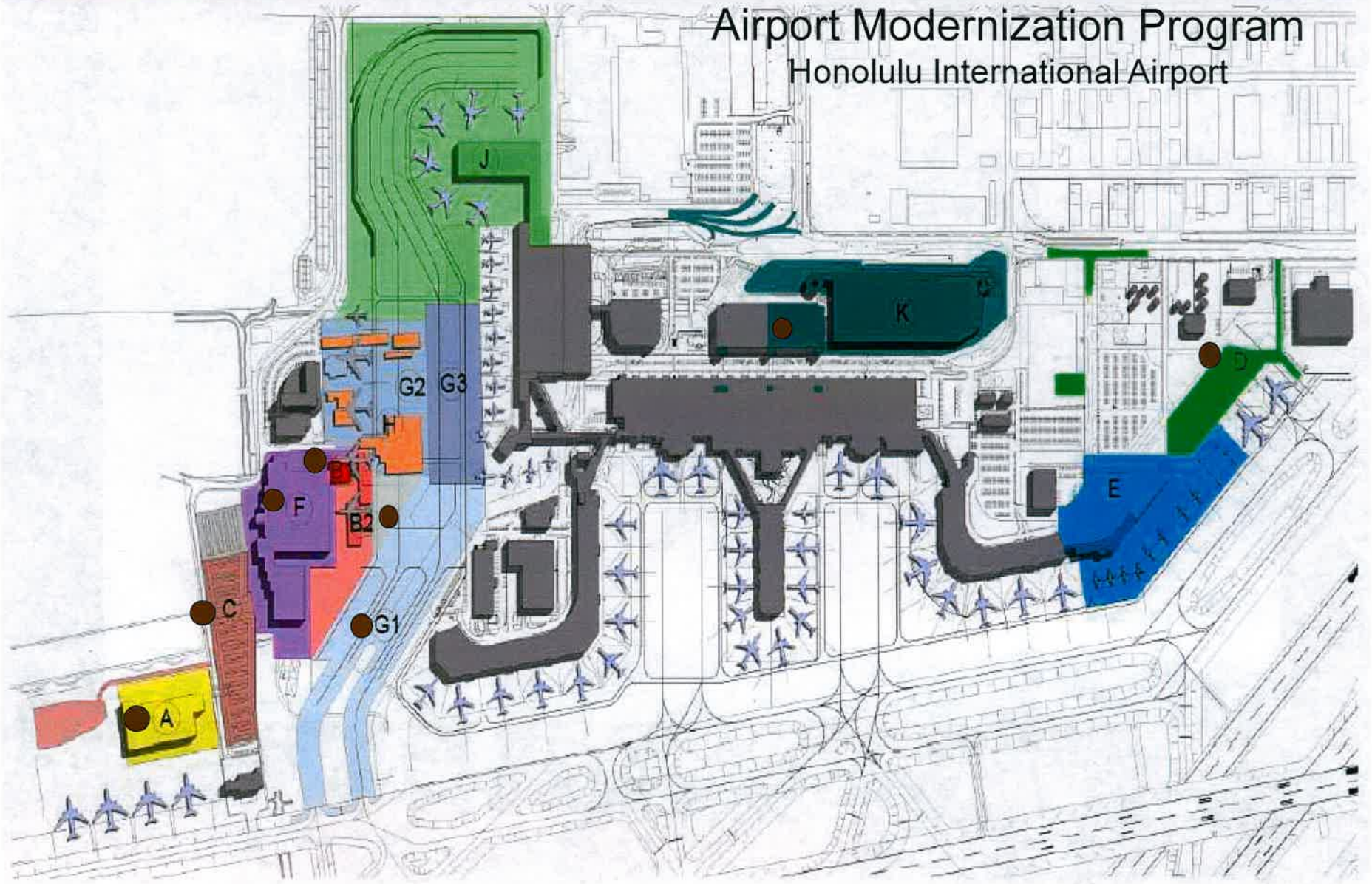
New Day in Hawaii

AIRPORTS
DIVISION
Aloha





Airport Modernization Program Honolulu International Airport





New Day in Hawaii

DH Commuter Terminal Honolulu International Airport



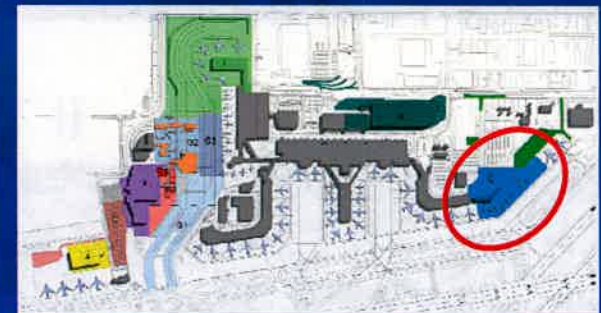
DESCRIPTION

New 35,000 SF
Commuter Terminal
adjacent to Gate 6 at
the end of the Diamond
Head Concourse.

**EST. CONSTRUCTION
COST \$36M**

EST. SCHEDULE

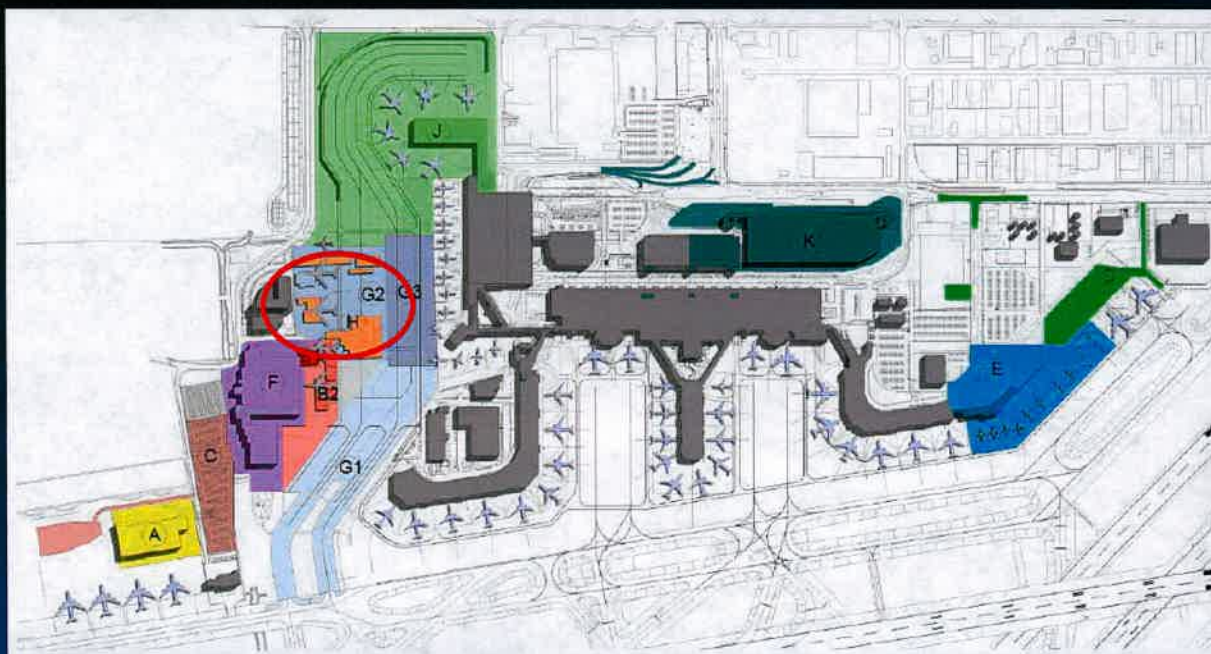
Est. Start Nov 2014
Est. Completion Jan
2016





New Day in Hawai'i

Taxilanes G & L Widening Ph. II Honolulu International Airport



DESCRIPTION

Widen taxiways to meet FAA Airport Design Standards to accommodate Aircraft Design Group (ADG) V aircrafts anticipated to use the Mauka Concourse.

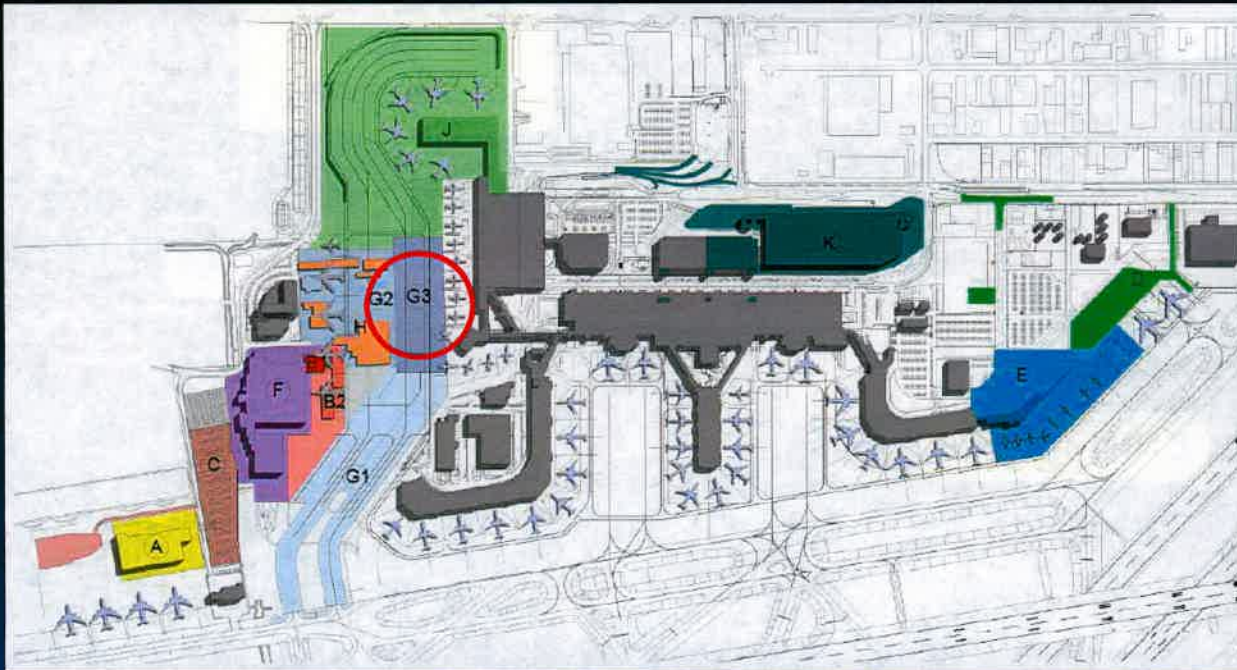
**EST. CONSTRUCTION
COST**
\$15M

EST. SCHEDULE
Est. Start Sept 2016
Est. Completion Feb
2017



New Day in Hawaii

Taxilanes G & L Widening Ph. III Honolulu International Airport



DESCRIPTION

Widen taxiways to meet FAA Airport Design Standards to accommodate Aircraft Design Group (ADG) V aircrafts anticipated to use the Mauka Concourse.

EST. CONSTRUCTION COST

\$15M

EST. SCHEDULE

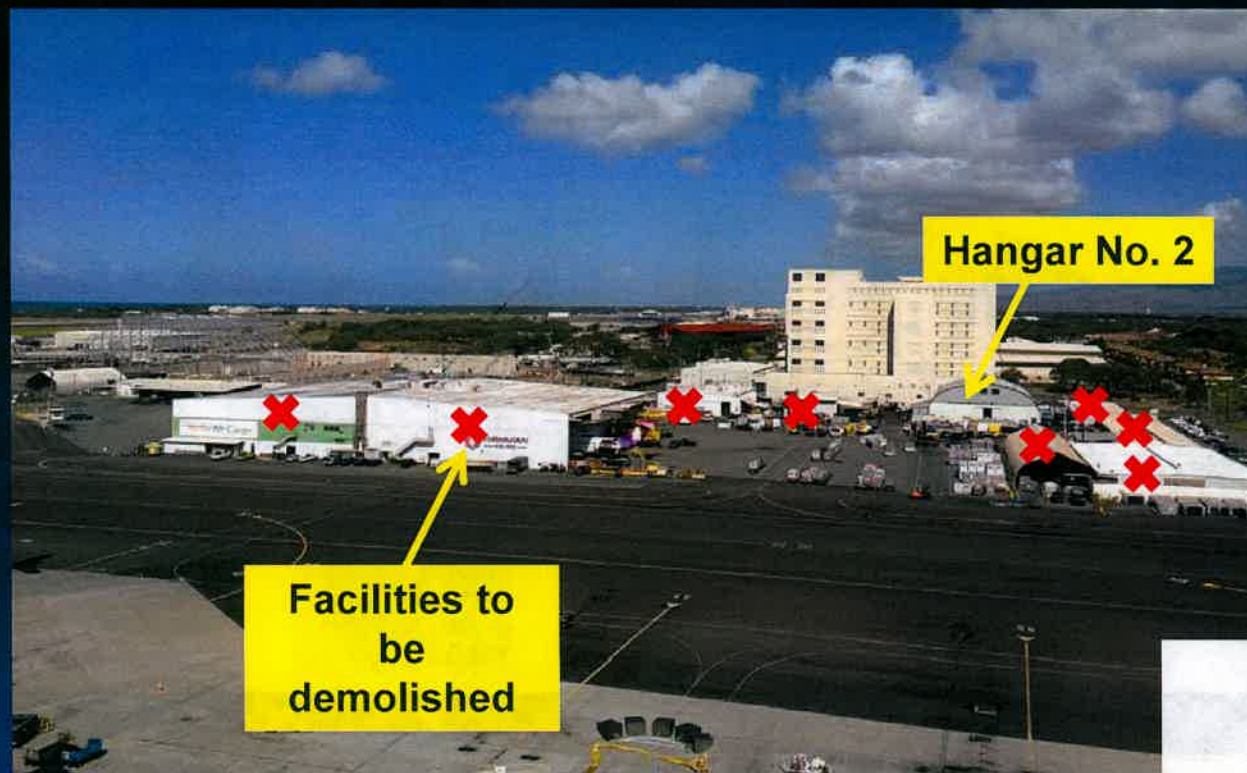
Est. Start Jan 2018

Est. Completion June 2018



New Day in Hawai'i

AQ & HA Facilities Demolition Honolulu International Airport



DESCRIPTION

Demolition of the AQ/HA maintenance facility and HA cargo facilities.

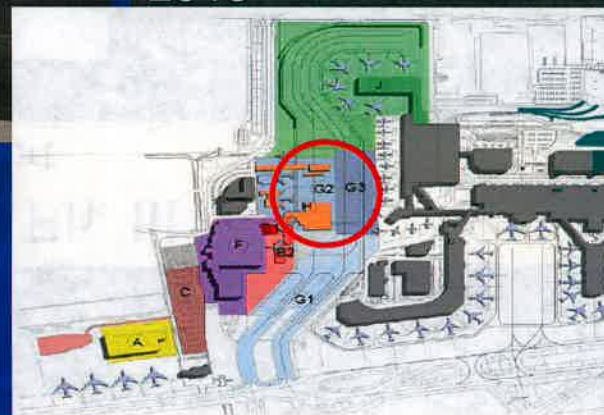
EST.

CONSTRUCTION
COST \$14M

EST. SCHEDULE

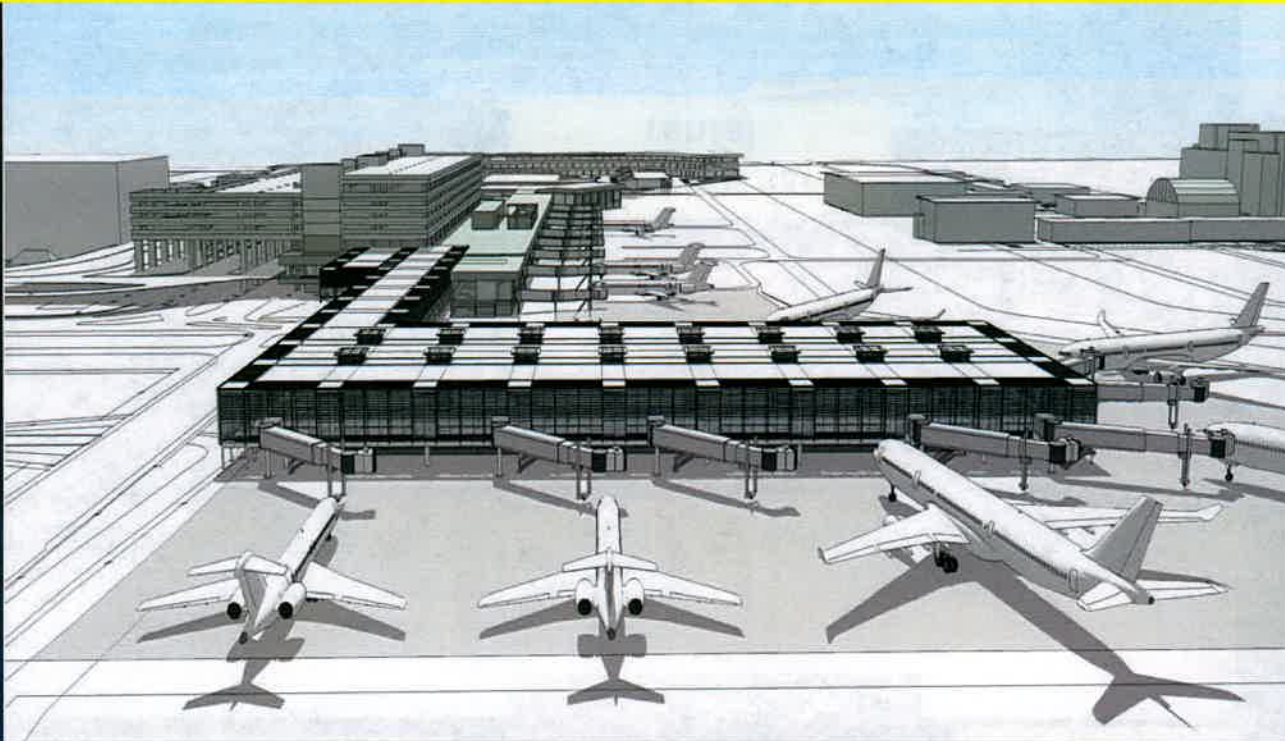
Est. Start Sept 2015

Est. Completion Sept 2016



Mauka Concourse

Honolulu International Airport



DESCRIPTION

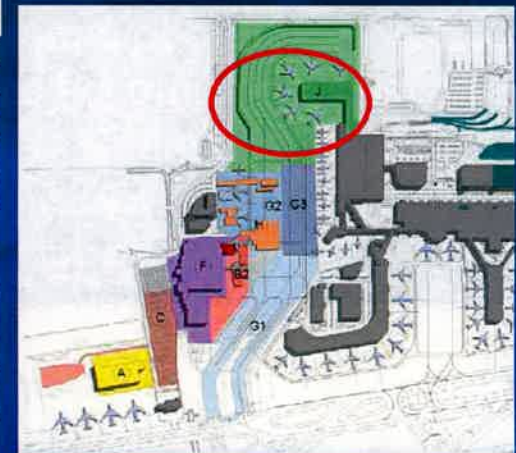
New 250,000 SF terminal with 6 wide body or 11 narrow body gates.

EST.

CONSTRUCTION COST \$220M

EST. SCHEDULE

Est. Start Jan 2016
Est. Completion Jan 2018



CONRAC Ph. IIA (Interim Facility)

Honolulu International Airport

Construction of new parking entrance

Existing parking entrance to be closed



Existing car rental



DESCRIPTION

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

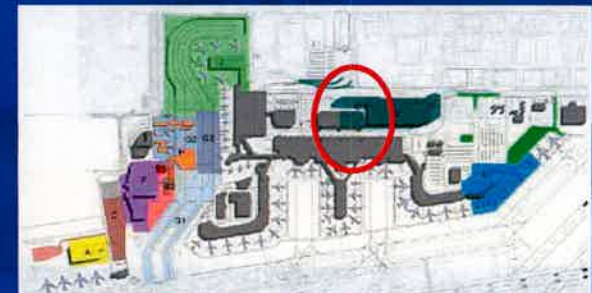
EST.

CONSTRUCTION COST \$31M

EST. SCHEDULE

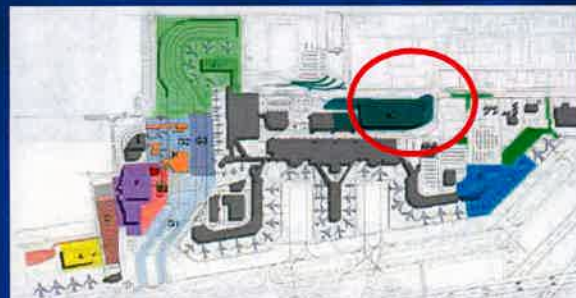
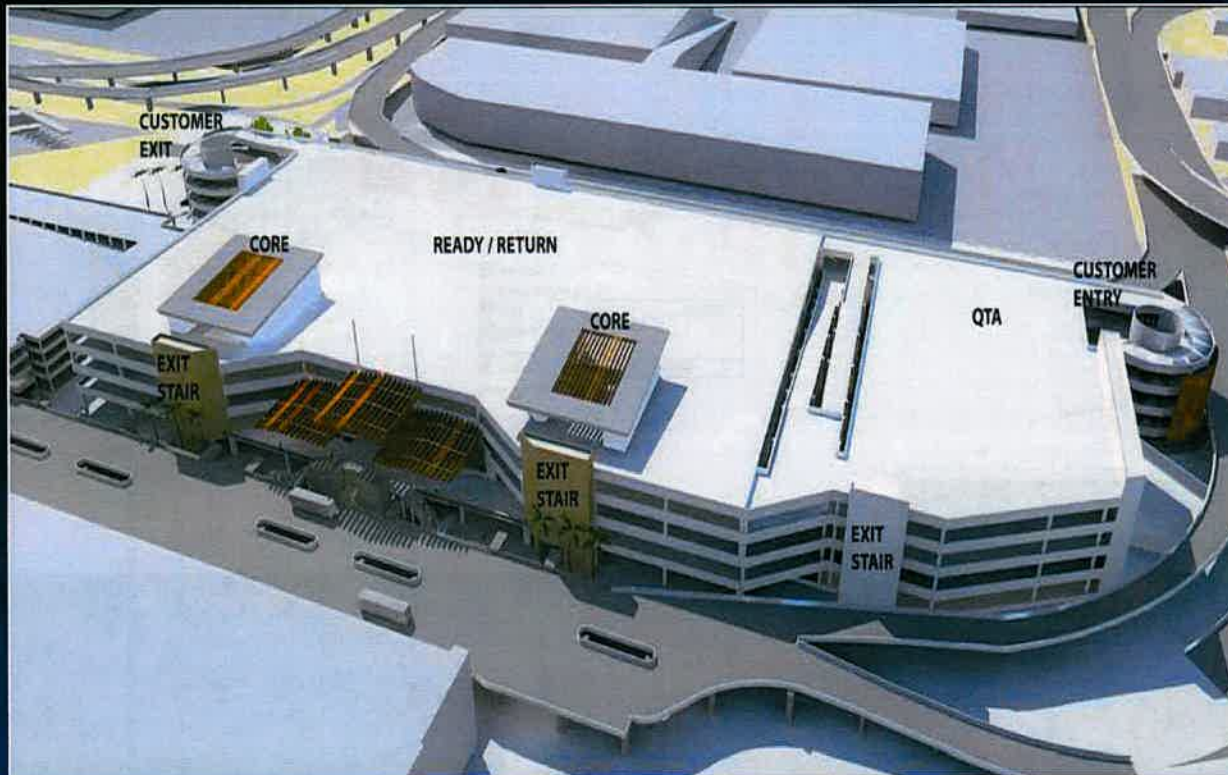
Start Feb 2014

Est. Completion May 2015



CONRAC Ph. IIB (Permanent Facility)

Honolulu International Airport



DESCRIPTION

New Consolidated Rental Car Facility to consist of a Customer Service Building, Ready/Return, Quick Turnaround Area, common bussing, and improvements to the Airport roadway system.

EST.

CONSTRUCTION

COST \$250M

EST. SCHEDULE

Est. Start July 2015

Est. Completion July 2018

HNL Concession Improvements

Honolulu International Airport



DESCRIPTION

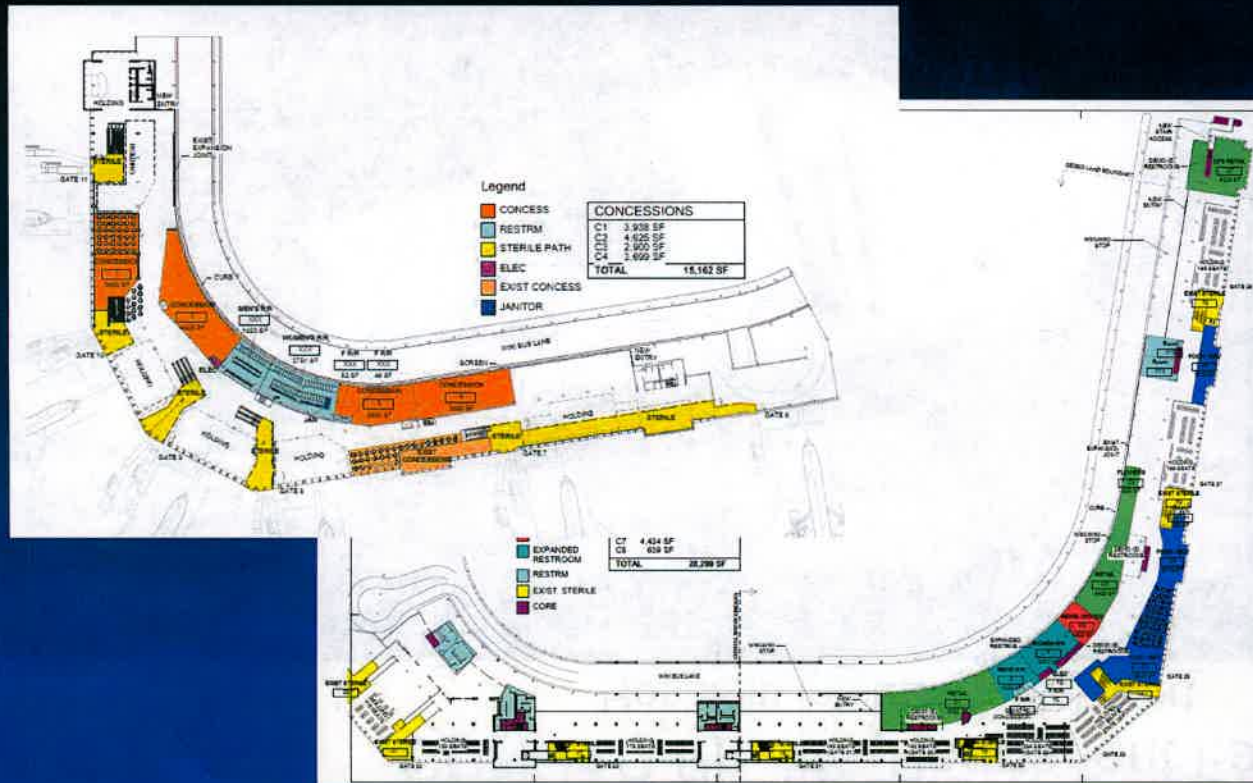
Provide additional concession spaces at the DH and Ewa Concourses, including relocating the exterior curtain wall towards the 2nd level roadway, and demolishing and/or expanding existing restrooms.

EST. CONSTRUCTION COST

\$9M per concourse

EST. SCHEDULE

Est. Start Jan 2015
Est. Completion Dec 2016





New Day in Hawaii

HNL Roadway/Terminal Signage Improvement Honolulu International Airport



DESCRIPTION

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

EST.

CONSTRUCTION
COST

\$25M

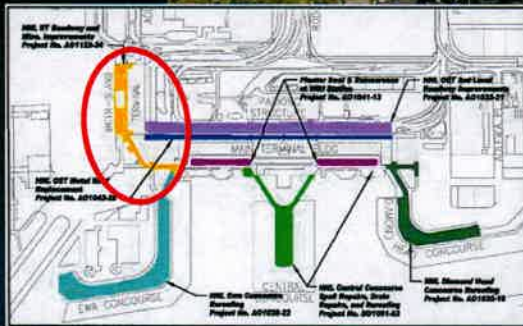
EST. SCHEDULE

Est. Start June 2015

Est. Completion Dec
2016

IIT 3rd Level Roadway Improvements

Honolulu International Airport



DESCRIPTION

Replace the traffic wearing surface at the IIT 3rd level roadway, including repair/replace the roadway slab, expansion joints, roadway drainage, and roadway lighting systems.

EST.

CONSTRUCTION

COST \$8M

EST. SCHEDULE

Est. Start Mar 2015

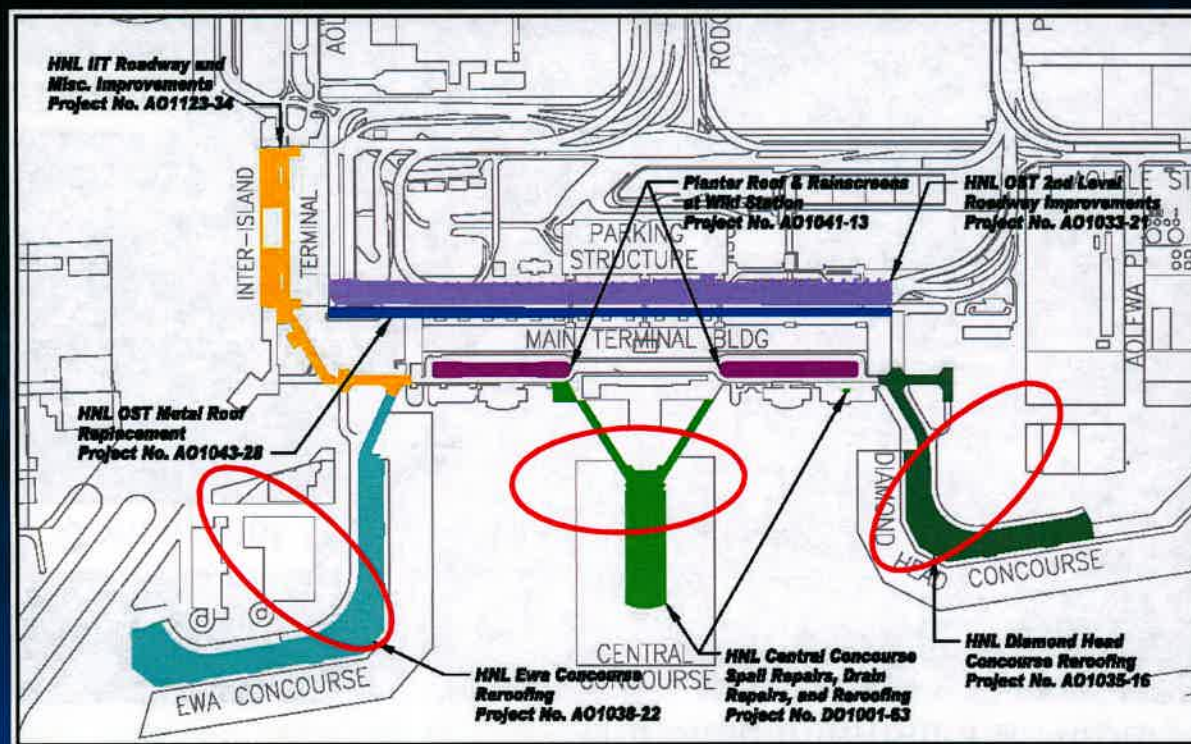
Est. Completion Dec 2015





New Day in Hawaii

Reroofing Projects Honolulu International Airport



DESCRIPTION

Reroof the Ewa & DH Concourses, including repair/replace the metal roofing system, expansion joints, concrete spall repairs, concrete waterproofing, and building drainage system.

(Reroofing of the Central Concourse completed.)

EST. CONSTRUCTION

COST \$5M per Concourse

EST. SCHEDULE

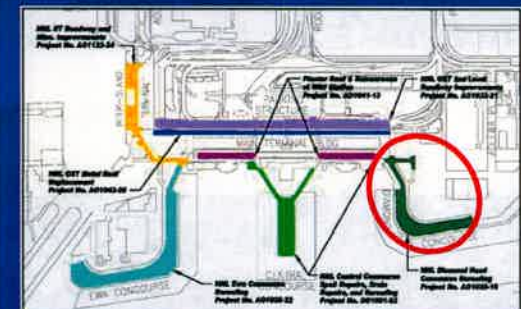
Est. Start Jan 2016

Est. Completion Dec 2016

Conceptual



2016



OST Pedestrian Bridges Replacement

Honolulu International Airport

Existing



Conceptual



DESCRIPTION

Replace three (3) pedestrian bridge crossings between the Overseas Terminal and the Overseas Terminal Parking Structure.

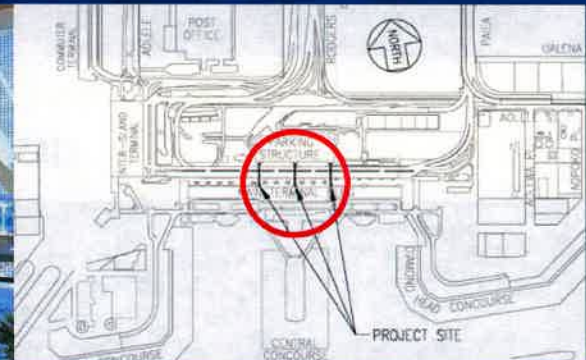
EST. CON COST

\$11M

EST. SCHEDULE

Est. Start July 2015

Est. Completion June 2016





New Day in Hawai'i

Airport Runway Reconstruction Kahului Airport



DESCRIPTION

Reconstruct
Runways 2-20 and
5-23.

Environmental
Impact Statement to
be completed in
2018.

**EST.
CONSTRUCTION
COST \$150M**

EST. SCHEDULE

Est. Start 2018
Est. Completion
2020

Terminal Modernization, Ph. I

Kona International Airport at Keahole



DESCRIPTION

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.

EST.

CONSTRUCTION COST \$70M

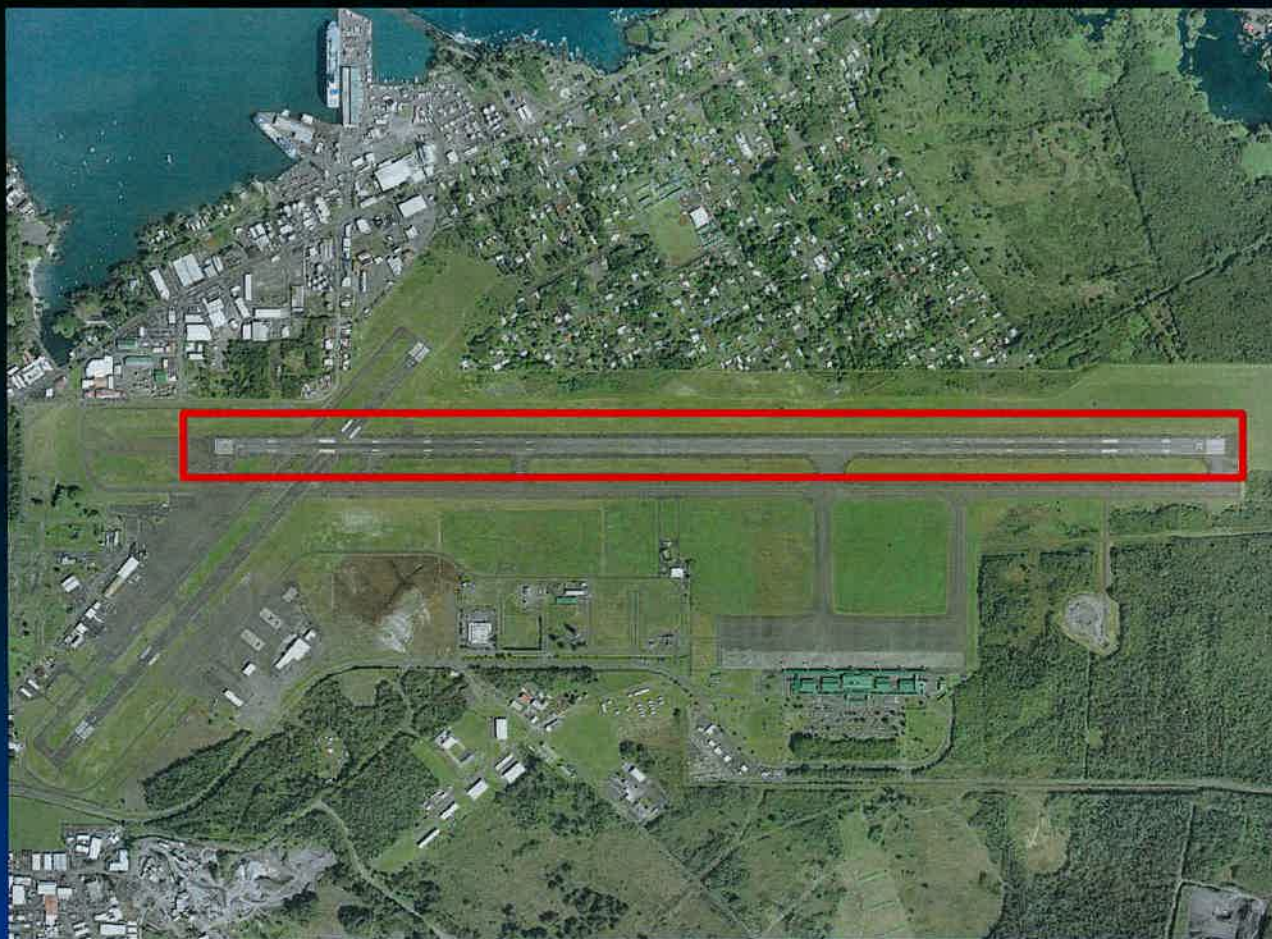
EST. SCHEDULE

Est. Start Aug 2015

Est. Completion Feb 2017

Runway 8-26 Rehabilitation

Hilo International Airport



DESCRIPTION

Repave runway center and provide new pavement markings to meet FAA certification compliance.

EST.
CONSTRUCTION
COST
\$5.0M

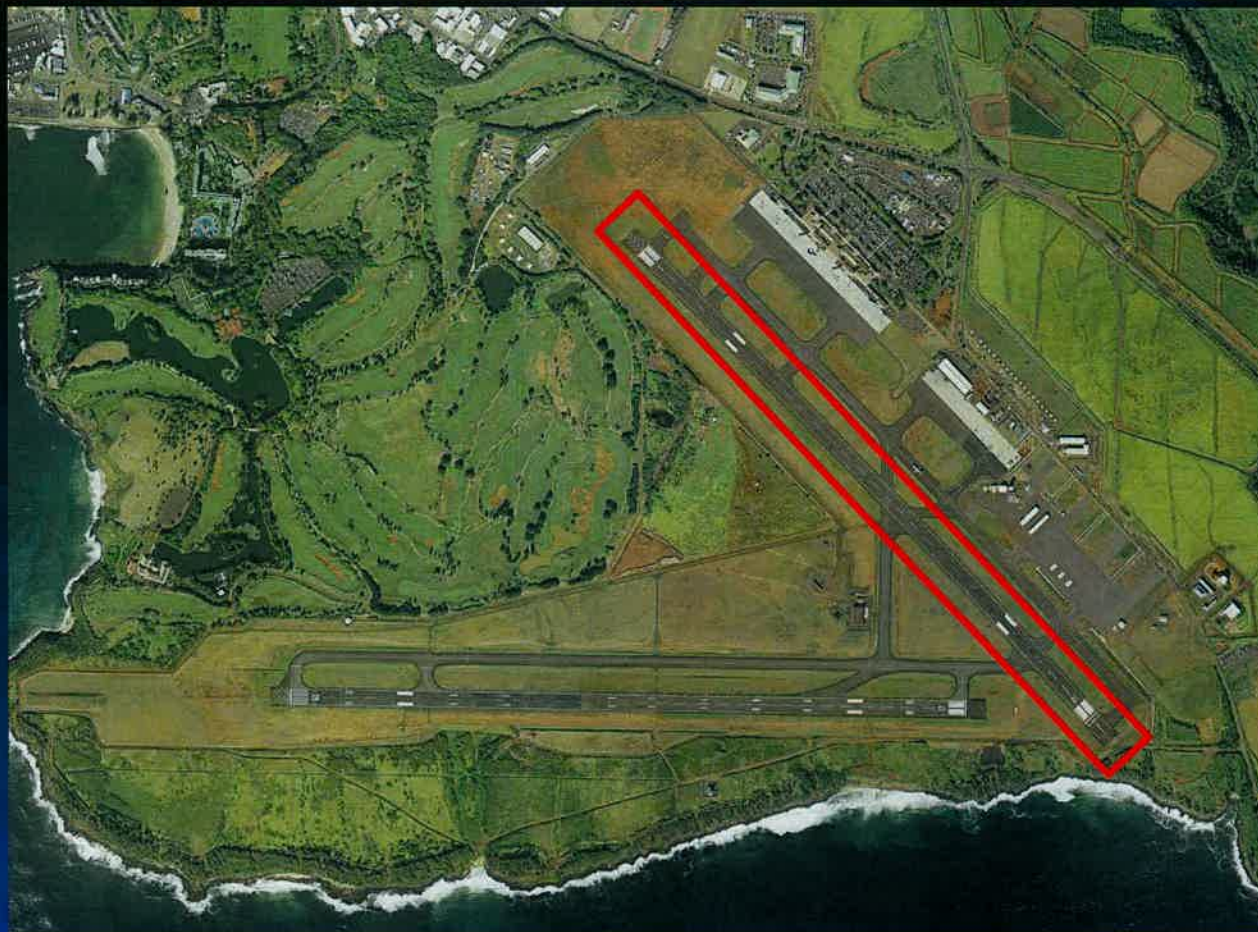
EST. SCHEDULE

Est. Start Dec 2014
Est. Completion Sept 2015



New Day in Hawaii

Runway 3-21 Pavement Reconstruction Lihue Airport



DESCRIPTION

Pavement reconstruction and striping improvements to meet FAA certification compliance.

EST. CONSTRUCTION COST

\$17M

EST. SCHEDULE

Est. Start June 2015

Est. Completion June 2016



New Day in Hawaii

Lihue Runway 3-21 Runway Safety Area Lihue Airport



DESCRIPTION

Provide a 1000 feet by 500 feet wide runway safety area to meet FAA certification compliance.

Environmental Assessment to be completed in 2016. Interim measure – displaced threshold, including paving of Taxiway B.

EST. CONSTRUCTION COST \$30M

EST. SCHEDULE

Est. Start Jan 2017

Est. Completion Dec 2017



New Day in Hawaii

HARBORS DIVISION

Aloha



Replacement of Fire Suppression System at Piers 31A-32, Honolulu Harbor, Oahu

SCOPE

Replacement of Fire Suppression System at Piers 31A-32.

EST. TOTAL COST

\$1.5 Million

EST. SCHEDULE

Advert: Sept. 2014

Award: Nov. 2014

NTP: Jan. 2015

(6 mo. construction)

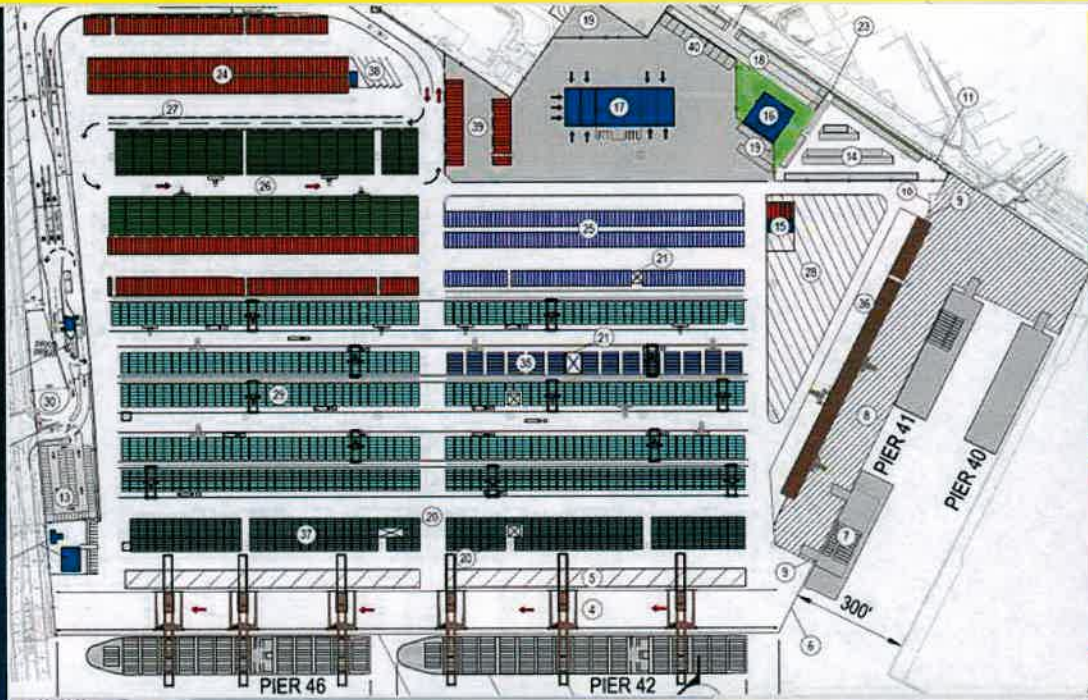
Completion:

June 2015





Kapalama Container Terminal, Honolulu Harbor



H.C. 10370
DEMOLITION OF STRUCTURES AT THE
KAPALAMA MILITARY RESERVATION,
HONOLULU HARBOR, OAHU

H.C. 10498
KAPALAMA CONTAINER TERMINAL
WHARF & DREDGING DESIGN,
HONOLULU HARBOR, OAHU

H.C. 10502
THE NEW KAPALAMA CONTAINER
TERMINAL YARD DESIGN, HONOLULU
HARBOR, OAHU

SCOPE: H.C. 10370

Design/Construction for the
demolition of existing buildings on
the proposed New Kapalama
Container Terminal project site,
inclusive of environmental
abatement requirements.

WINNING BID \$3.8 million

EST. SCHEDULE

Con started: May 2014

SCOPE: H.C. 10498

Design/Construction of the wharf
& dredging portions of the
proposed New Kapalama
Container Terminal project.

EST. COST \$248 million

EST. SCHEDULE

Design Completion: Sept 2014

Est. Constr. Start: May 2015

SCOPE: H.C. 10502

Design /Construction of the
container yard area of the
proposed New Kapalama
Container Terminal project.

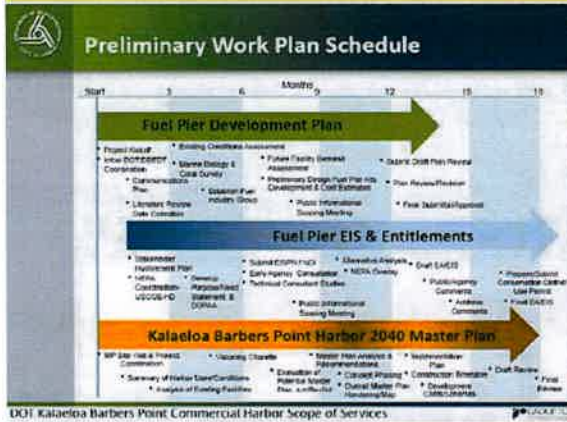
EST. COST \$178 million

EST. SCHEDULE:

Est. Constr. Start: May 2015



Kalaeloa Harbor, Oahu



SCOPE

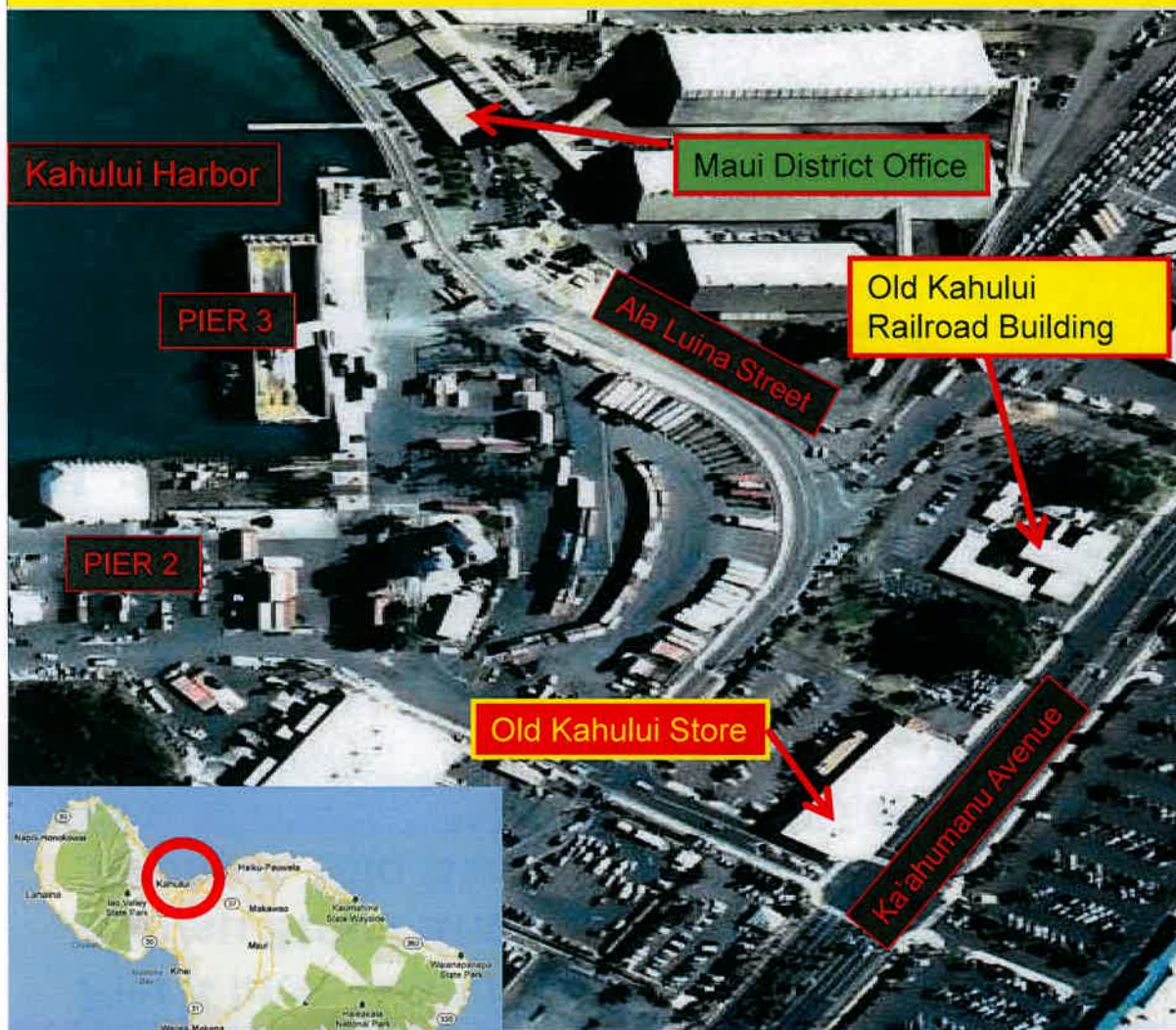
Three projects including the Kalaeloa Harbor 2040 Master Plan, Fuel Pier Development Plan and the Fuel Pier EIS.





New Day in Hawaii

Kahului Harbor Maui



SCOPE

Relocate the Harbors Maui District Office to the old Kahului Railroad Building "A", demolish the old Kahului General Store, renovate the old Kahului Railroad Buildings "B" and "C" for future tenants, and associated improvements such as lighting, paving and a new comfort station.

EST. TOTAL COST \$10M

EST. SCHEDULE

Est. Adv. Date: January 2015

Est. Start Date: June 2015

Est. Completion Date:

June 2016



SCOPE

Design/Construction of a new 602 linear feet wharf and associated site work. Completion of these improvements will complete the new inter-island barge terminal facility.

EST. TOTAL COST

\$44.9 million

EST. SCHEDULE

Est. Advertise for Bids: August 2014

Est. Constr. Start: January 2015

SCOPE

Design /Construction of new widened roadways & gate entrance into new inter-island cargo terminal facility. Acquire road widening lots.

WINNING BID \$4 million

EST. SCHEDULE

Con started: February 18, 2014

Est. Constr. Completion: February 17, 2015



New Day in Hawaii

Installation of Lift Station and Force Main Port Allen Harbor, Kauai



New Lift Station



SCOPE

Convert existing cesspool system to Kauai County sewage service via lift station and force main.

EST. TOTAL COST

\$300,000

EST. SCHEDULE

Est. Advert: Nov. 2014

Est. Con start: April 2015
(6 mo. Construction)

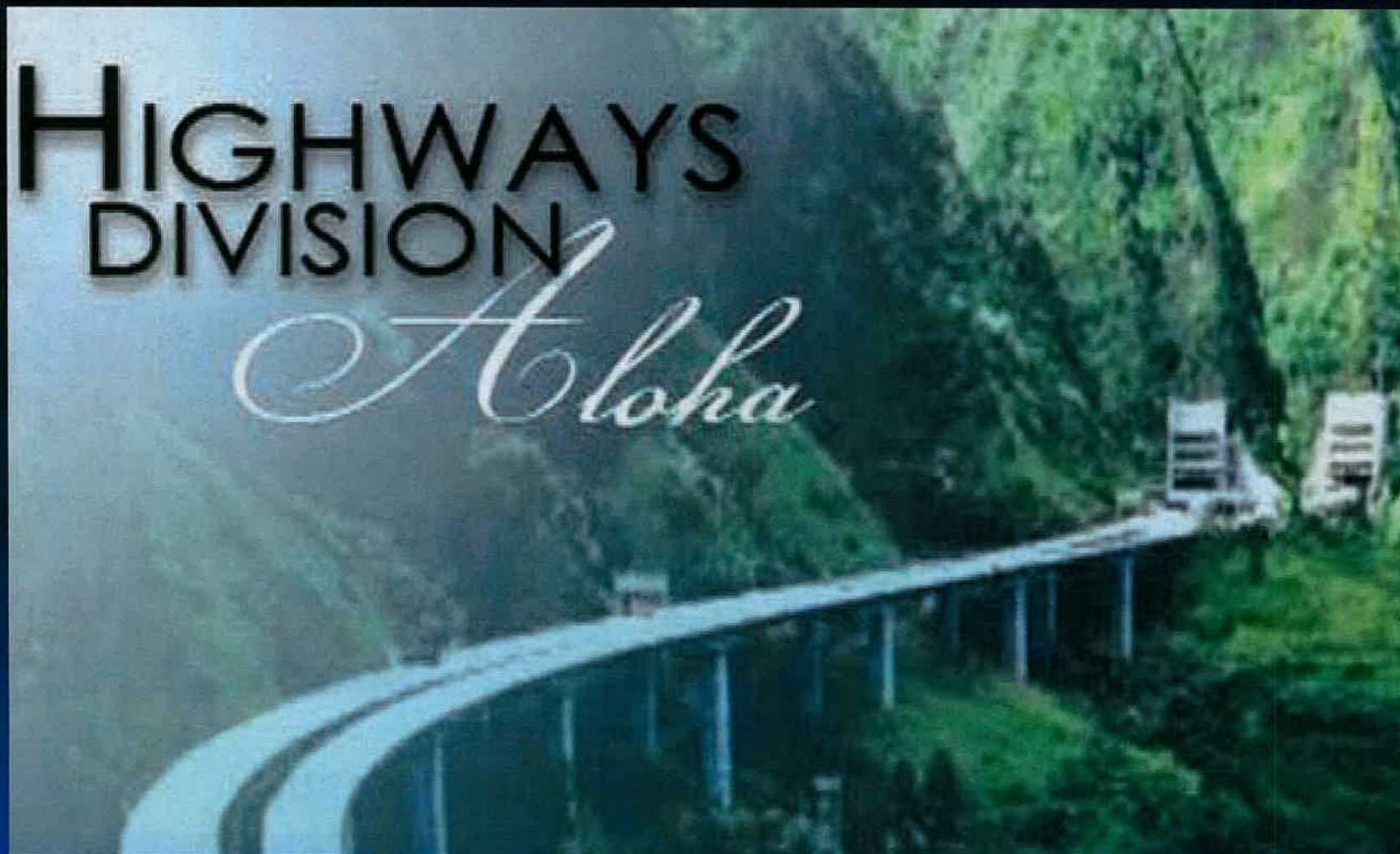
Est. Completion: Oct. 2015



New Day in Hawai'i

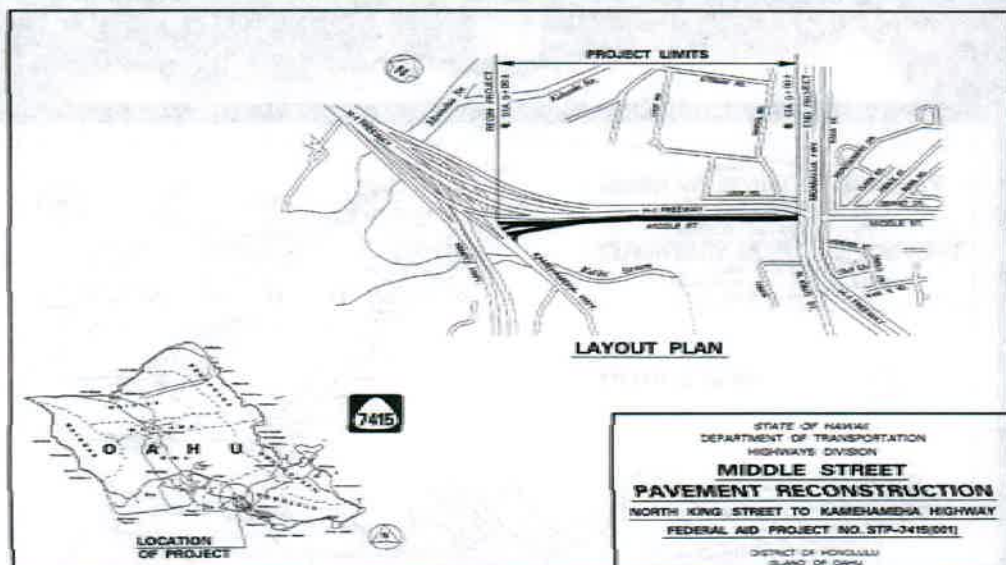
HIGHWAYS DIVISION

Aloha





Middle Street Pavement Reconstruction King Street to Kamehameha Highway



SCOPE

Replace concrete and AC pavement sections of Middle Street with cast-in-place PCC pavement, pre-cast PCC pavement and pre-cast post-tensioned PCC pavement
Install HMA overlay for shared use path, upgrading guardrails and end treatments. Replace concrete curbs and gutters, and installing new highway lighting, loop detectors, traffic signal back plates, pavement markings, and vehicle overload detection system.

EST. COST

\$15 Million

EST. SCHEDULE

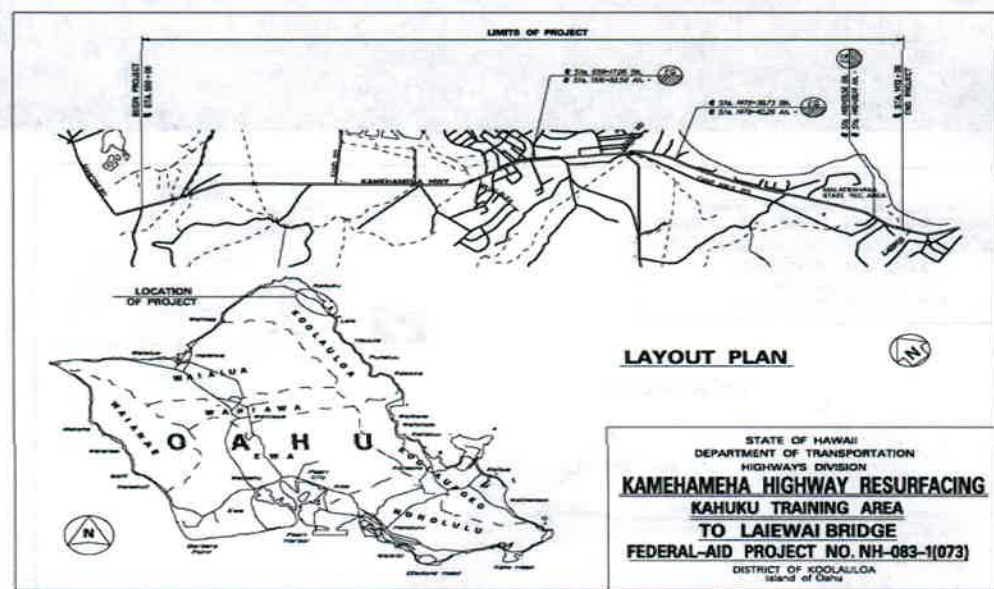
Anticipated Advertisement: August 2014





New Day in Hawai'i

Kamehameha Highway Resurfacing Kahuku Training Area to Laiewai Bridge



SCOPE: Cold planing; resurfacing; reconstruction of weakened pavement areas; upgrading existing guardrails, end treatments, bridge rails and transitions; installation of guardrails, concrete bus pads, milled centerline and shoulder markings and signage.

EST. COST: \$6.5M

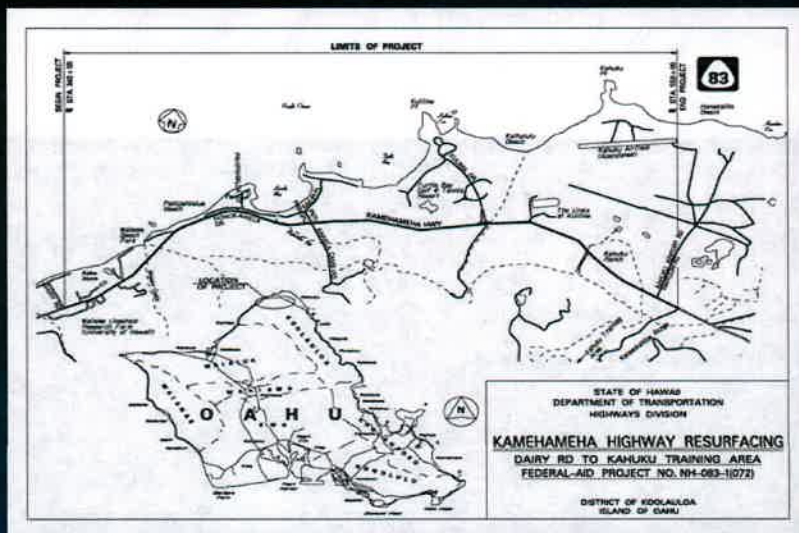
EST. SCHEDULE:

Advertisement Sept. 2014





Kamehameha Highway Resurfacing Dairy Road to Kahuku Training Area



SCOPE

Cold planing; resurfacing; reconstruction of weakened pavement areas; installation of concrete bus pads; installation of new guardrail; upgrading existing guardrail, end treatments, bridge rails, and transitions; reconstruction of a culvert headwall; installation of rumble strips; pavement markings; and signage

EST. COST \$6 Million

EST. SCHEDULE Advertise Sept 2014





New Day in Hawaii

Kamehameha Highway Repair and Repainting Karsten Thot Bridge

SCOPE

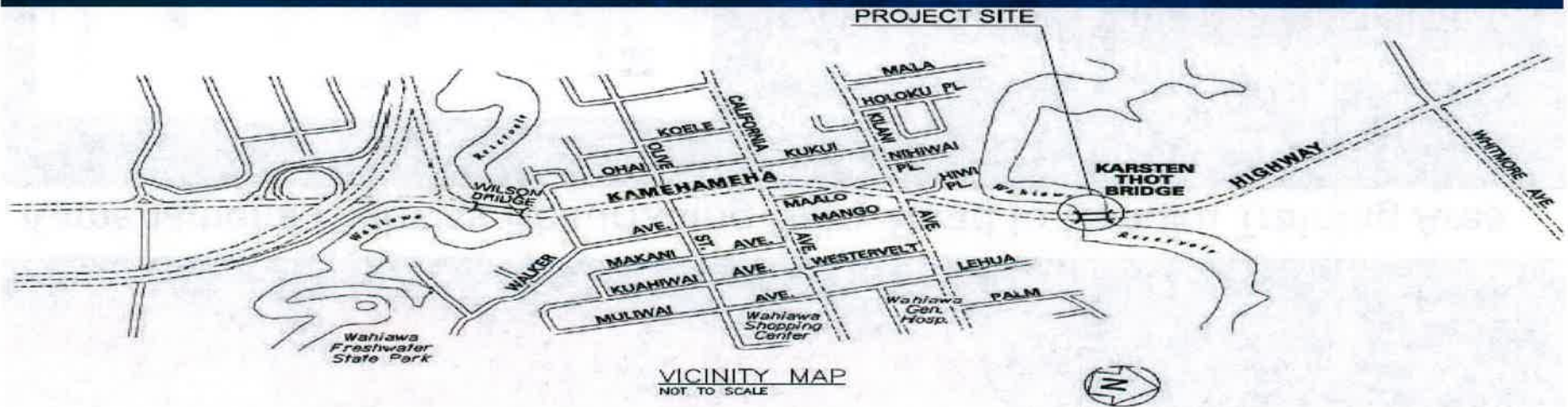
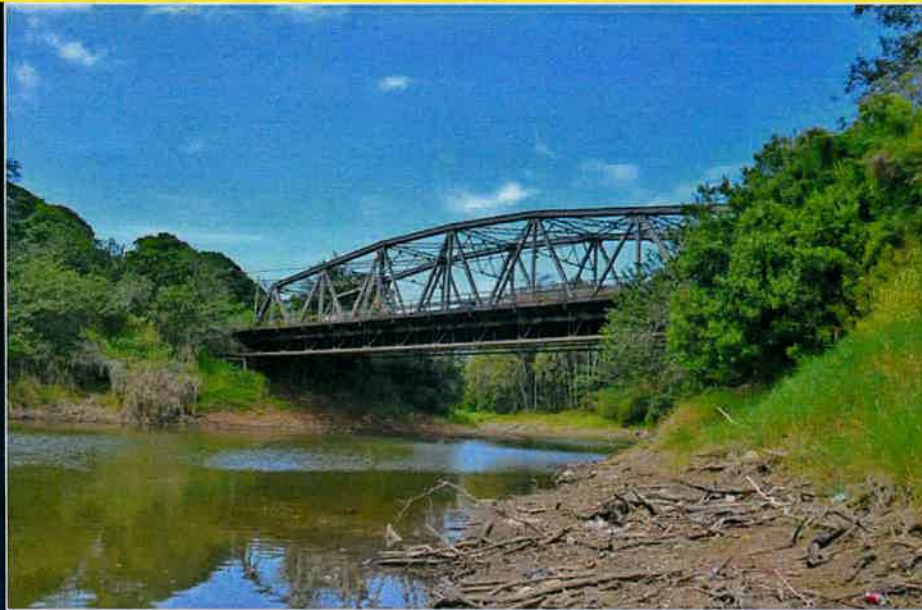
Repair all deteriorated framing and connections, repair concrete slab soffit and paint all structural steel framing of Karsten Thot Bridge.

EST. COST

\$6.5 Million

EST. SCHEDULE

Anticipated Advertisement: Sept/Oct 2014





Kalanianaʻole Highway Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I, Olomana Golf Course to Poalima Street



SCOPE

Traffic improvements, pavement reconstruction, sidewalk reconstruction, drainage improvements, lighting, utility relocation, traffic signal improvements.

EST. COST

\$13.2 Million

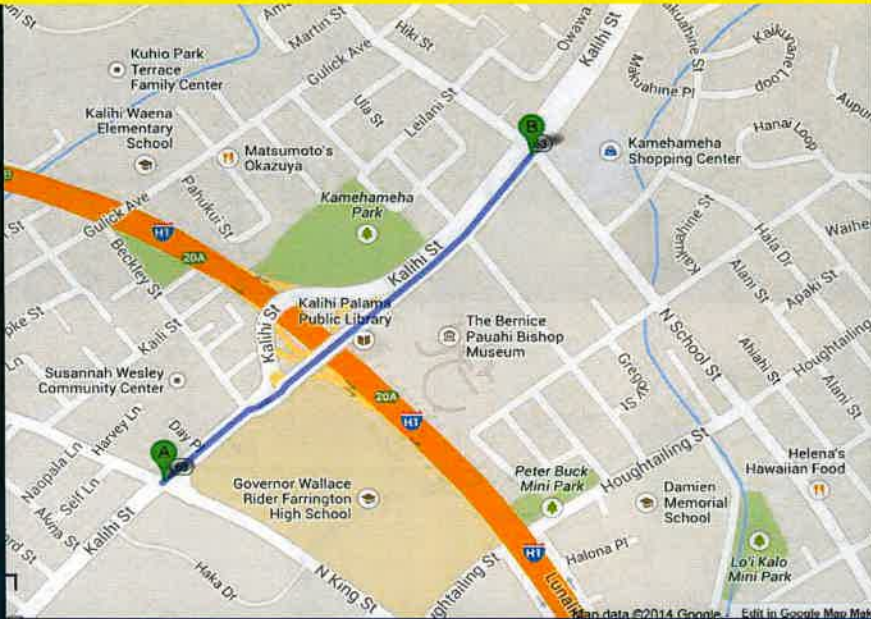
EST. SCHEDULE

Anticipated
Advertisement: October
2014





Likeline Hwy Resurfacing, School St to Emmeline St



SCOPE

Resurfacing, guardrail replacement, signing, striping, and pavement marking.

EST. COST

\$16 Million

EST. SCHEDULE

Anticipated Advertisement: April 2015





Pali Highway : Resurfacing/Reconstructing, Waokanaka St to Kamehameha Hwy (Phase 1) Lighting & Guardrail Improvements, Vineyard Blvd to Kamehameha Hwy (Phase 2), Resurfacing and Reconstruction from Vineyard Blvd to Waokana Street (Phase 3)



SCOPE

Resurfacing and reconstructing existing roadway
Improving / Replacing existing street lighting with a flat lenses lighting
Upgrading guardrail and attenuators.

PHASE 1

EST. COST: \$30 Million

EST. Advertisement: April 2015

PHASE 2

EST. COST: \$8 Million

EST. Advertisement: July 2015





New Day in Hawai'i

Farrington Highway Bridge Replacement Maipalaoa Bridge

SCOPE

Replacing the existing bridge with a larger bridge.

EST. COST

\$14.9 Million

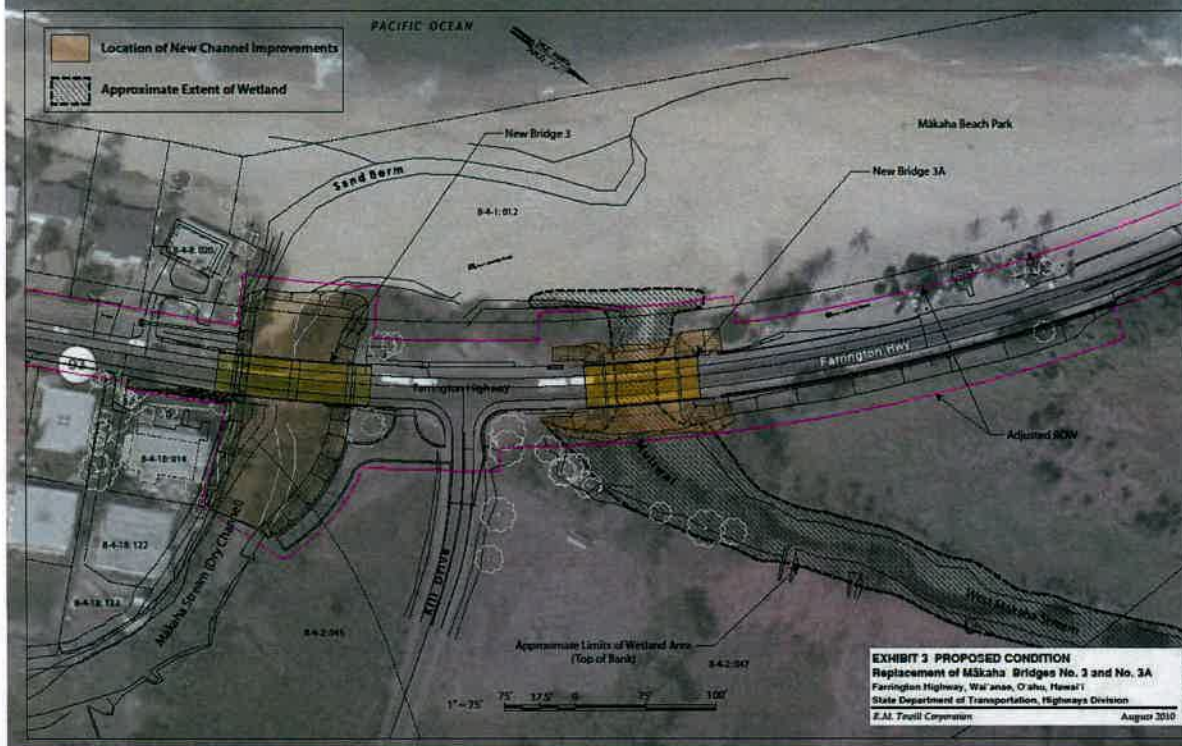
EST. SCHEDULE

Anticipated Advertisement:
November 2014





Farrington Highway, Bridge Replacement Makaha Bridges Nos. 3 & 3A



SCOPE

Replacing the existing wooden bridges with new bridge structures that meet current State and Federal Standards.

EST. COST

\$20.1 Million

EST. SCHEDULE

Anticipated

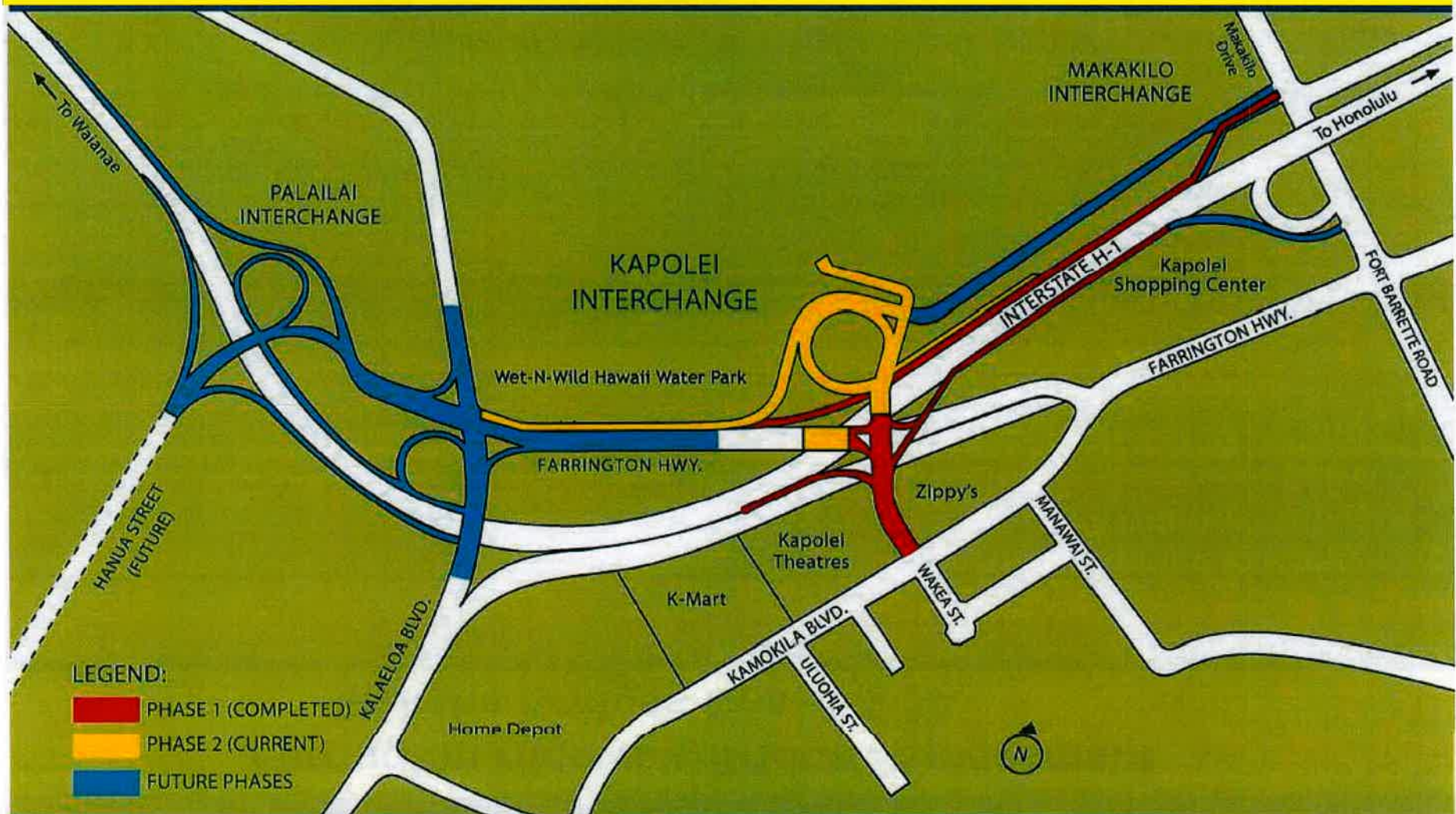
Advertisement: Feb. 2015





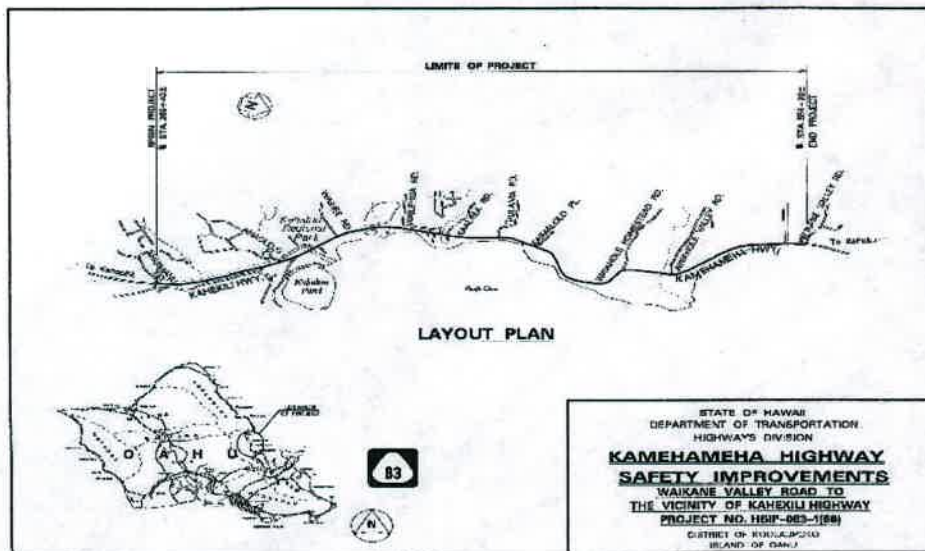
New Day in Hawai'i

Kapolei Interchange Complex - Phase II



Project Location and Phasing

Kamehameha Highway, Safety Improvements Kahekili Highway to Vicinity of Waikane Valley Road



SCOPE

Construction of a new bridge railing on Haiamoa Stream Bridge.

Shoulder paving for a 250' stretch.

Reconstruction of roadway super elevation.

Installation of guardrail & rumble strips

EST. COST

\$1.6 M

EST. SCHEDULE

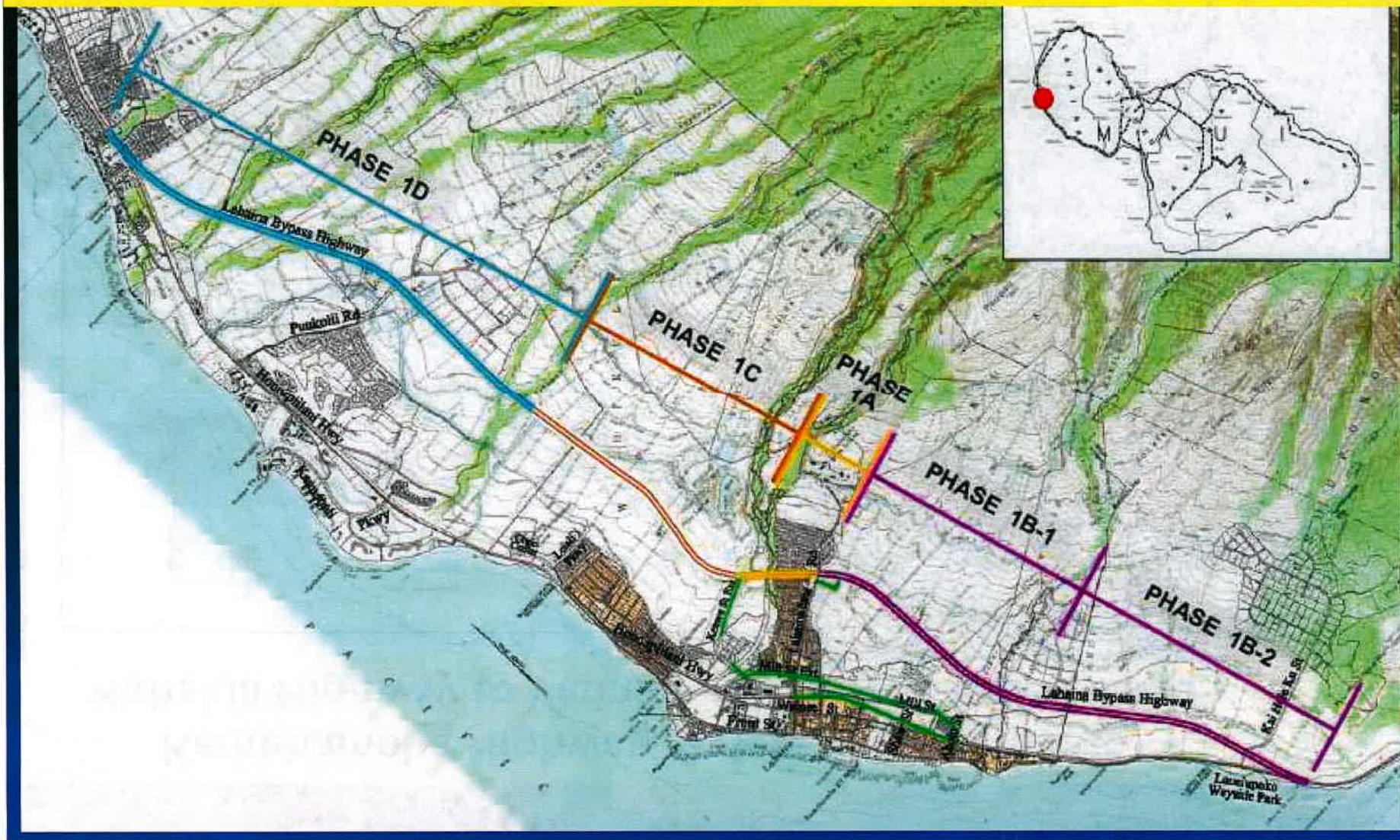
Anticipated RTA: September 2015





New Day in Hawai'i

Lahaina Bypass





New Day in Hawai'i

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

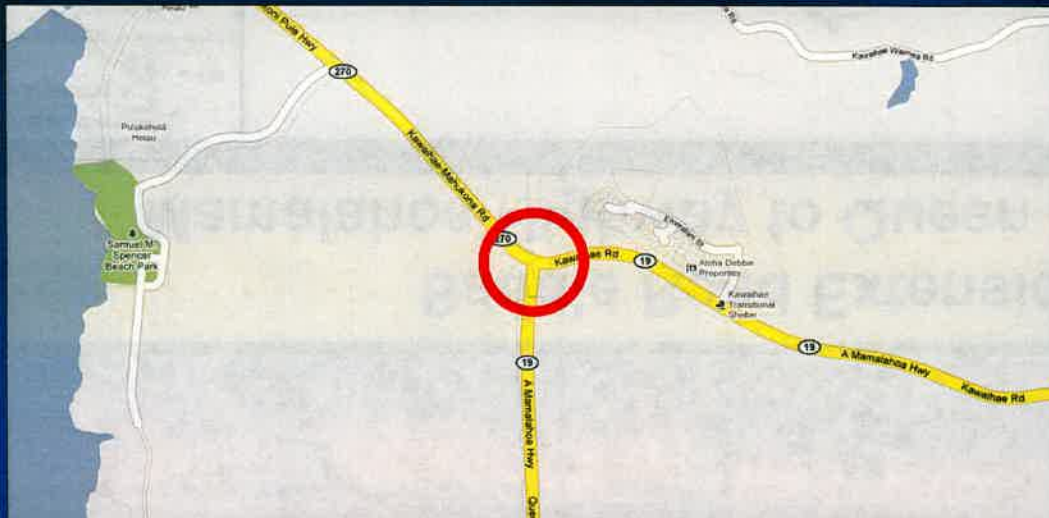
EST. SCHEDULE
EIS – Spring
2015

**EST. COST**

\$2 Million

EST. SCHEDULE

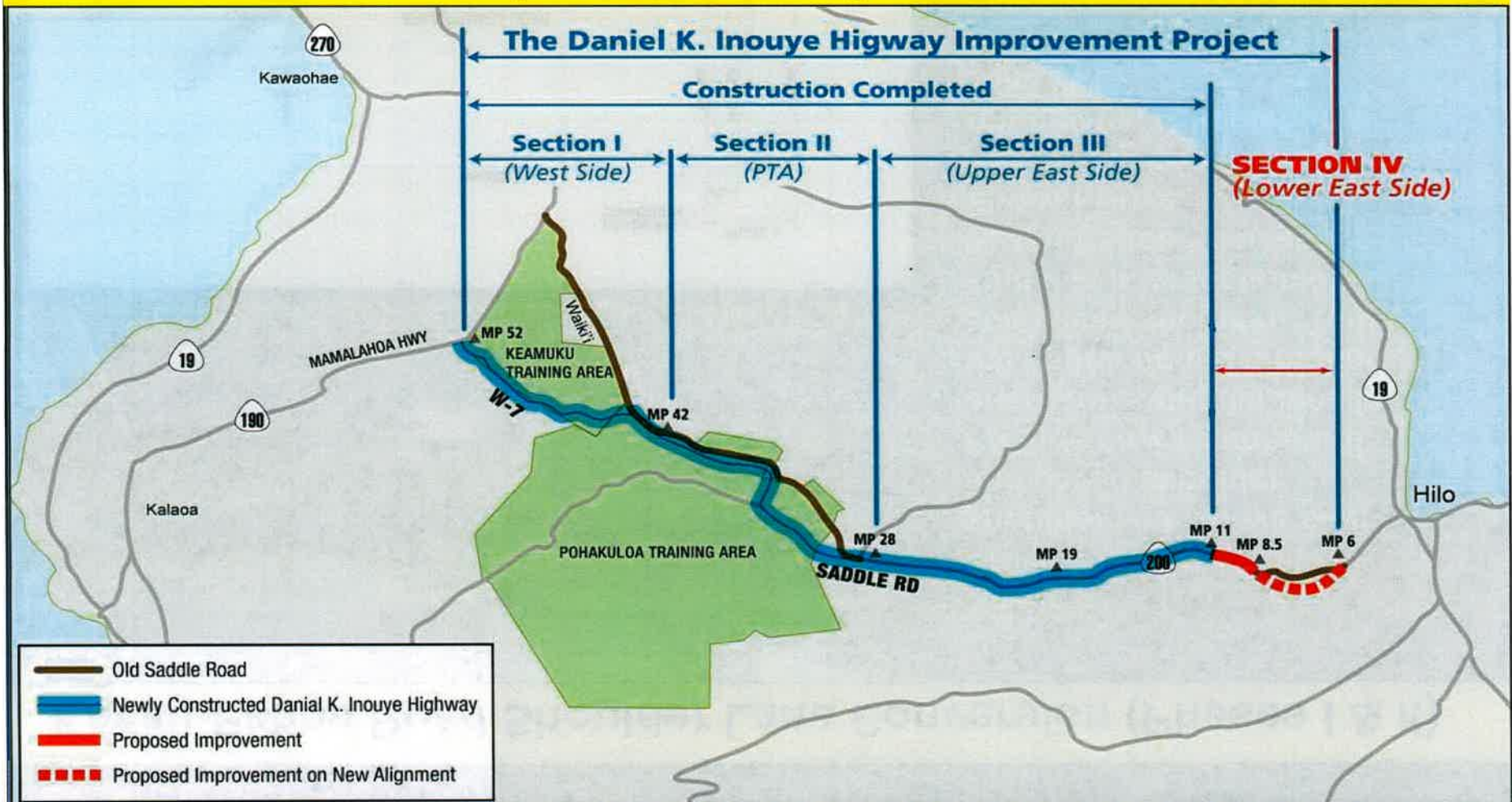
**Anticipated
Advertisement:
June 2015**





New Day in Hawaii

The Daniel K. Inouye Highway (formerly known as: Saddle Rd) Improvement Project



SCOPE Widening & improvements between Waiakea Uka (Hilo) to Mamalahoa Hwy (Kona).

EST. TOTAL CONSTRUCTION COST \$260 Million

EST. REMAINING CONSTRUCTION COST FOR THE EAST SIDE: \$50M



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



SCOPE

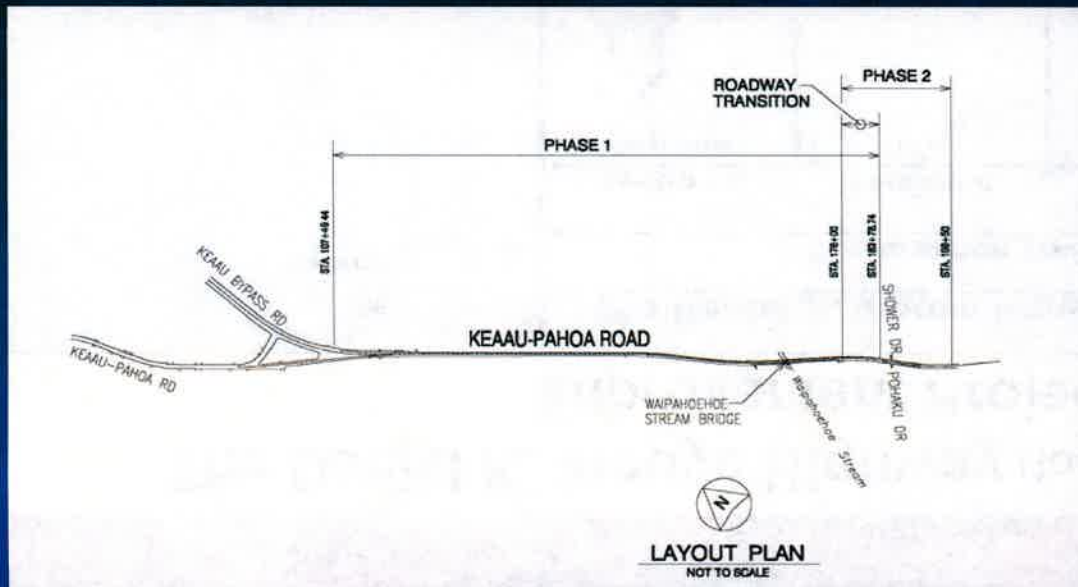
Provide northbound shoulder lane conversion and paved shoulder. Provide new southbound afternoon shoulder lane in the Pahoa bound direction and paved shoulder. Traffic signal at intersection of Keaau-Pahoa Road and Shower Drive.

Phase I : In construction. Anticipated Completion - June 2015

Phase II

Estimated Cost: \$3 M

Estimate Advertisement: August 2015





Volcano Road Widening Keaau to Paahana Street



SCOPE

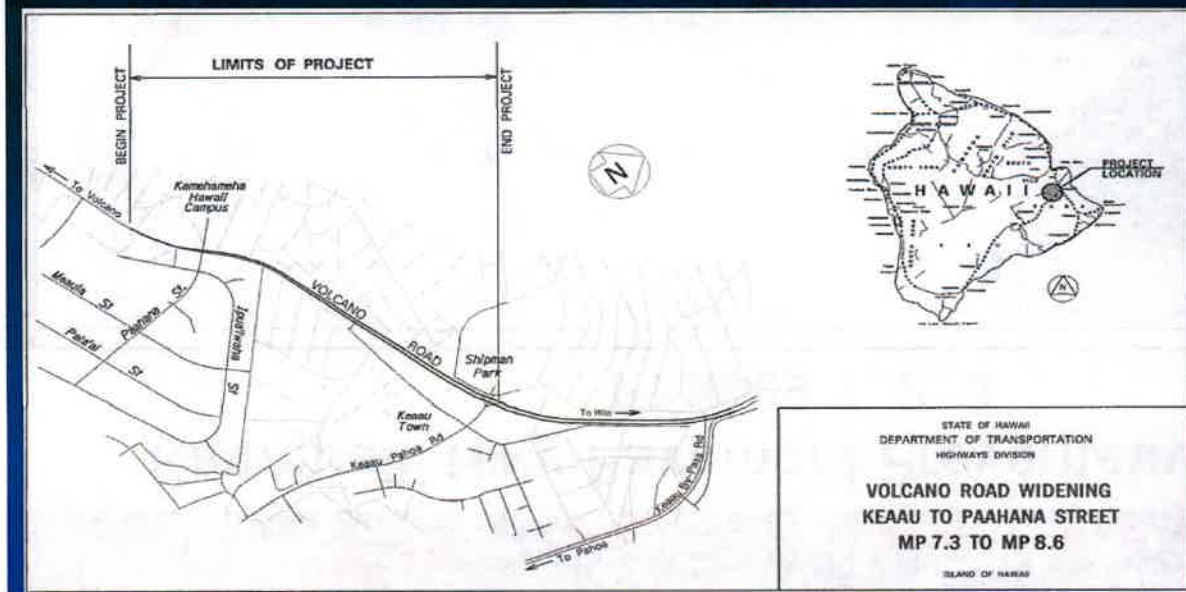
Re-grade and reconstruct existing roadway to provide widened shoulders and to restore original roadway crown.

EST. COST

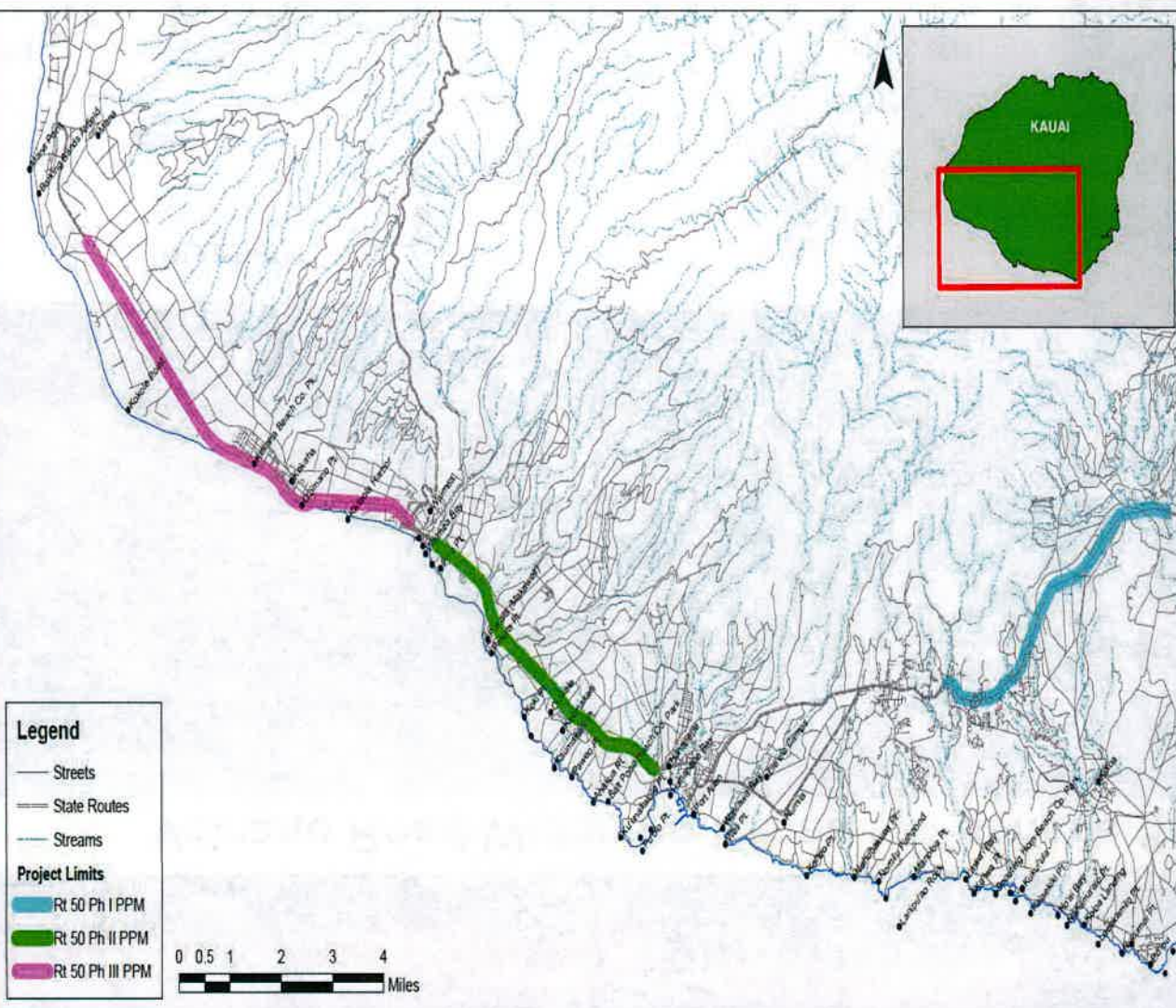
\$4 Million

EST. SCHEDULE

Anticipate Advertising:
May 2015



Kaumualii Hwy Pavement Preventative Maintenance Phases 1, 2, 3



SCOPE

1.5 inch asphalt overlay.

New striping and delineation, new centerline, rumble strips

Phase 1 (Blue):

Est. Cost: \$5M

Bid Opened:

6/27/14

Award: TBA

Phase 2 (Green):

Est. Cost: \$8.6M

Est. Advertise:

Aug / Sept 2014

Phase 3 (Pink):

Est. Cost: \$11M

Est. Advertise: TBD



Kuhio Highway Emergency Slope Stabilization Kalihiwai Bridge



SCOPE

Clear albizia trees, remove loose rocks, install rock anchors, and shield passing motorists from the work.

EST. COST

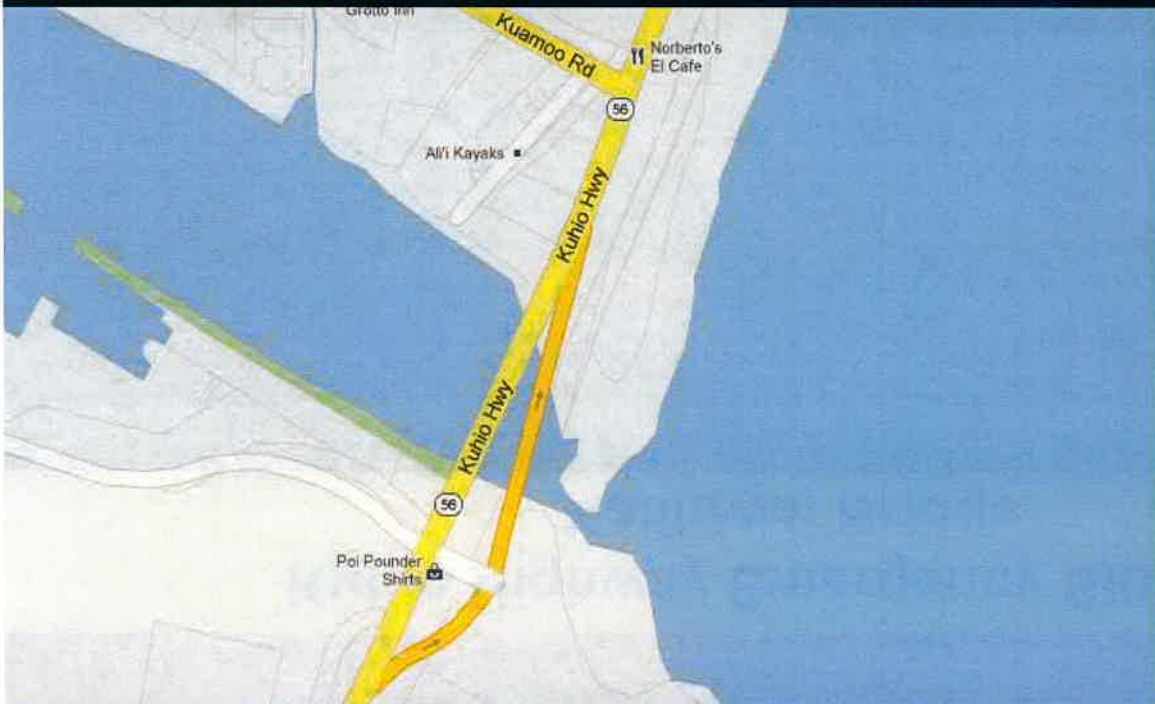
\$12.3 Million

EST. SCHEDULE

Anticipated
Advertisement: July
2015



Kuhio Short-Term Improvements, Kuhio Highway Widening Temporary Kapaa Bypass to Kuamoo Road



SCOPE

Add an additional travel lane from the Temporary Kapaa Bypass to Kuamoo Road.

EST. CONSTRUCTION COST

\$26 Million

EST. SCHEDULE

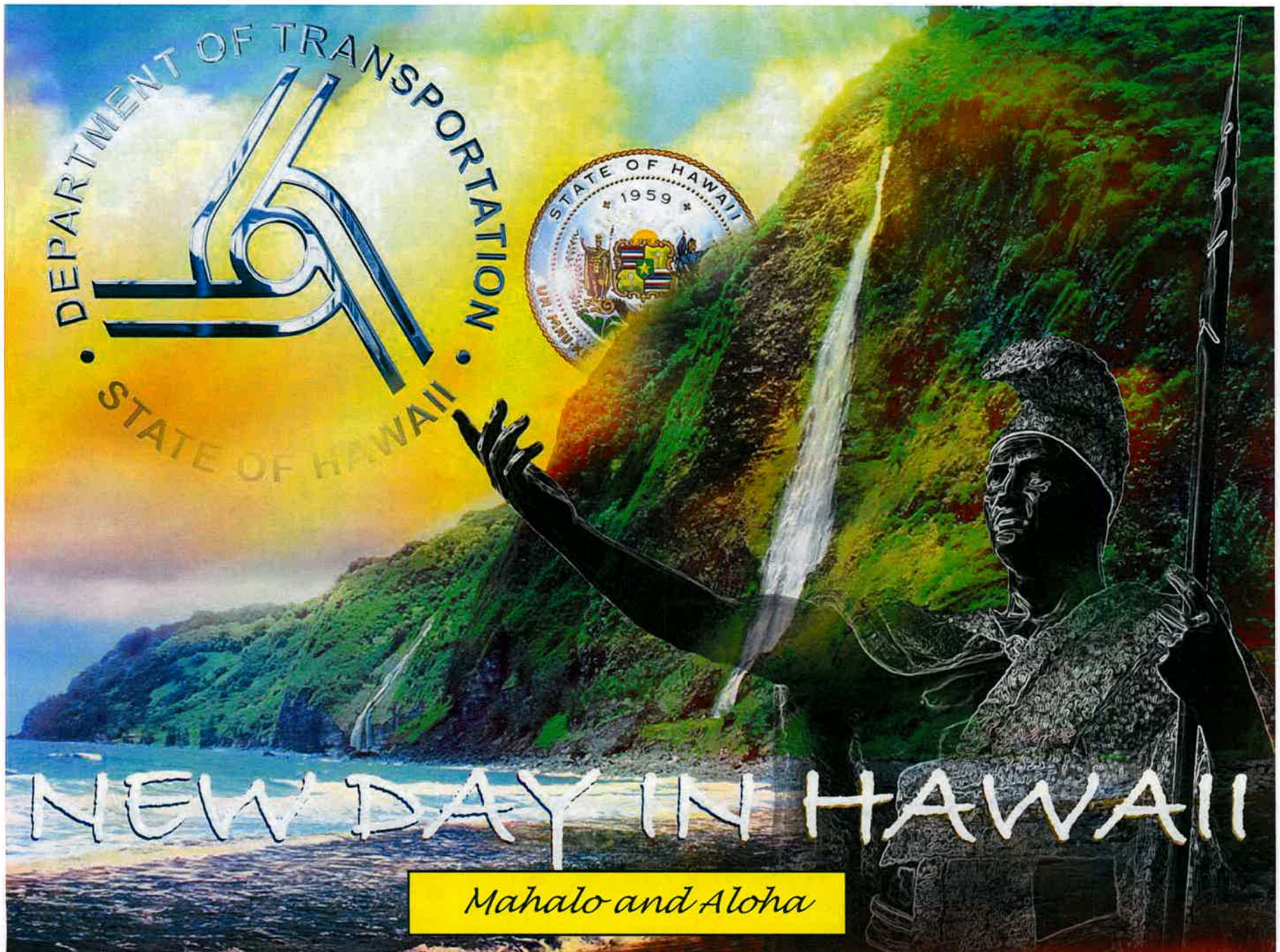
Anticipated
Advertisement: Fall 2014



PUBLIC CONTACT INFORMATION

For All Divisions Statewide, Questions & Concerns

- DOT Community Affairs Office: 587-2160
- E-mail: dotpao@hawaii.gov



NEW DAY IN HAWAII

Mahalo and Aloha