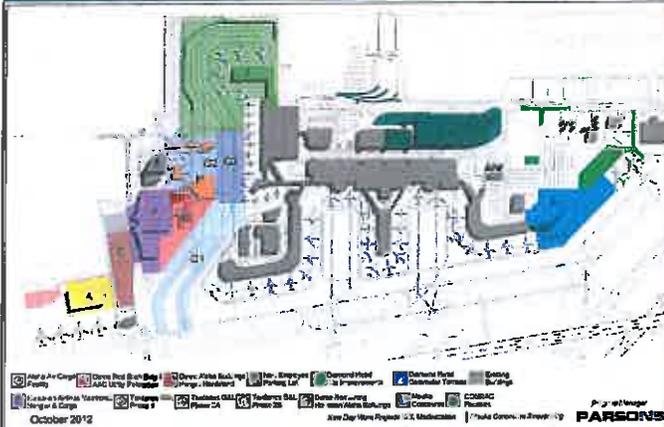




Airports Division Honolulu Airport Modernization Program



DESCRIPTION

Projects include:

- AQ Cargo (Tenant)
- AQ Cargo Demo Ph. I
- AQ Cargo Demo Ph. II & Hardstand
- New Employee Parking Lot
- DH Commuter Terminal
- HA Maintenance & Cargo
- Taxilanes G& L Widening
- AQ & HA Facilities Demo
- Mauka Concourse
- CONRAC

CONSTRUCTION COST

\$750M

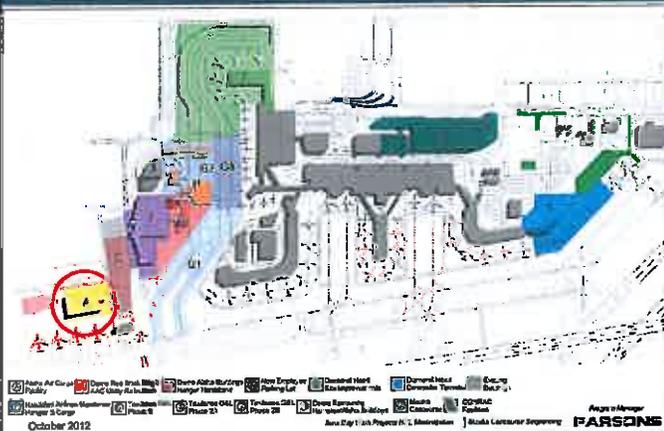
SCHEDULE

Start Jun 2013

Est. Completion Apr 2018



Airports Division Honolulu Aloha Cargo (Tenant)



DESCRIPTION

New maintenance and cargo facility for Aloha Air Cargo.

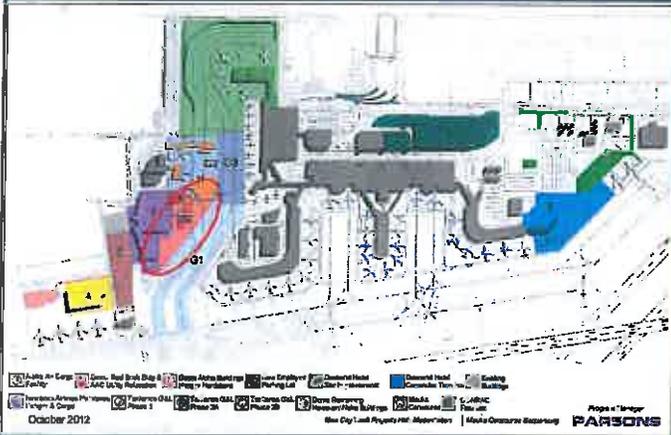
SCHEDULE

Start Jun 2013

Est. Completion Feb 2014



Airports Division
Honolulu Aloha Cargo Demo, Ph II & Hardstands



DESCRIPTION

Demolition of the remaining Aloha Air Cargo facilities;
 Construction of PCC pavement hardstands.

CONSTRUCTION COST

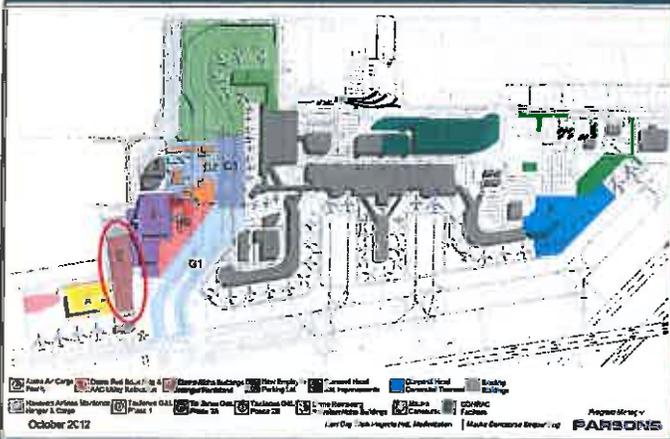
\$7M

SCHEDULE

Est. Start Mar 2014
 Est. Completion Sep 2014



Airports Division
Honolulu New Employee Parking Lot



DESCRIPTION

Construction of pervious concrete pavement parking lot for employees using the Elliott Street Support Facilities.

CONSTRUCTION COST

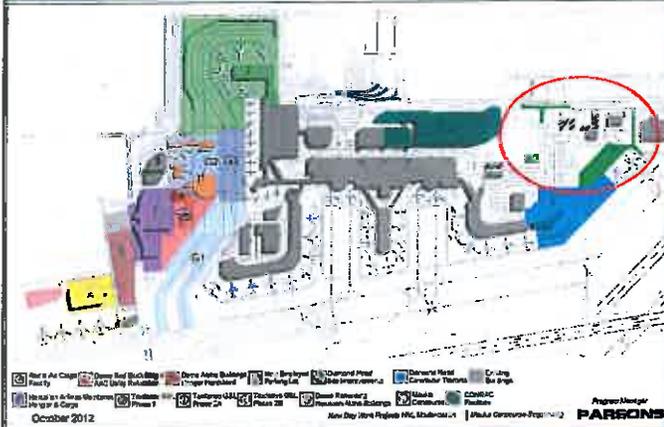
\$7.5M

SCHEDULE

Start Jun 2013
 Est. Completion Sep 2014



Airports Division
Honolulu Diamond Head Site Improvements



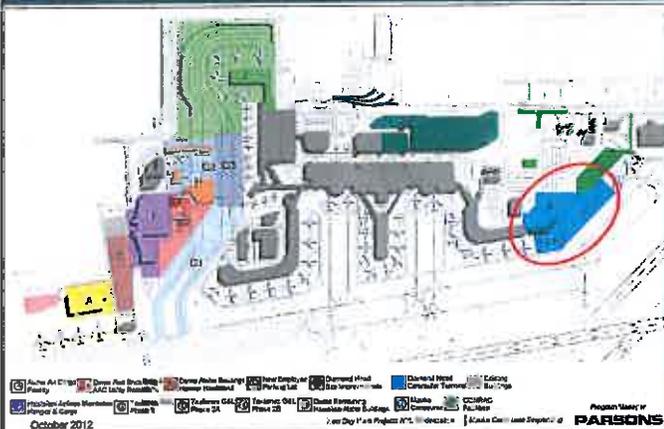
DESCRIPTION
 Site improvements necessitated from the construction of the DH Commuter Terminal.

CONSTRUCTION COST
 \$15M

SCHEDULE
 Est. Start Mar 2014
 Est. Completion Jan 2015



Airports Division
Honolulu Diamond Head Commuter Terminal



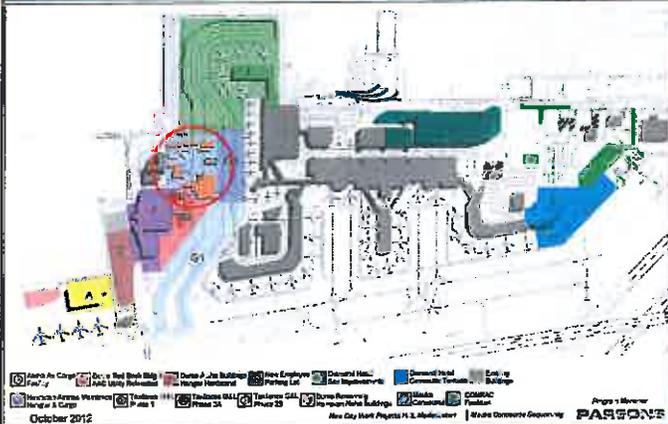
DESCRIPTION
 New 35,000 SF Commuter Terminal adjacent to Gate 6 at the end of the Diamond Head Concourse.

CONSTRUCTION COST
 \$36M

SCHEDULE
 Est. Start Sep 2014
 Est. Completion Oct 2015



Airports Division
Honolulu Taxilanes G & L Widening, Ph II



DESCRIPTION

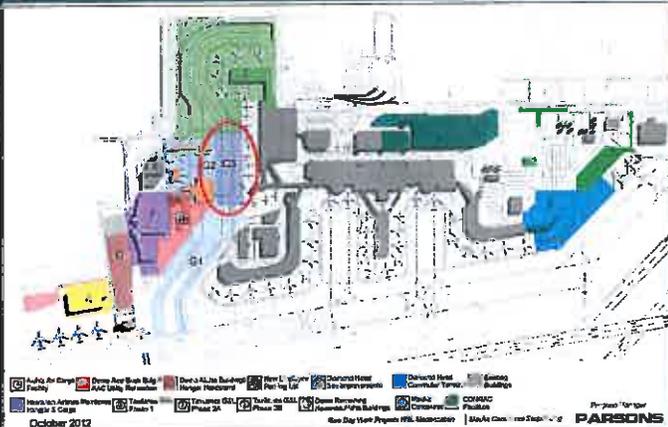
Widen taxilanes to meet FAA Airport Design Standards to accommodate Aircraft Design Group (ADG) V aircrafts anticipated to use the Mauka Concourse.

CONSTRUCTION COST
\$15M

SCHEDULE
Est. Start Jun 2016
Est. Completion Dec 2016



Airports Division
Honolulu Taxilanes G & L Widening, Ph III



DESCRIPTION

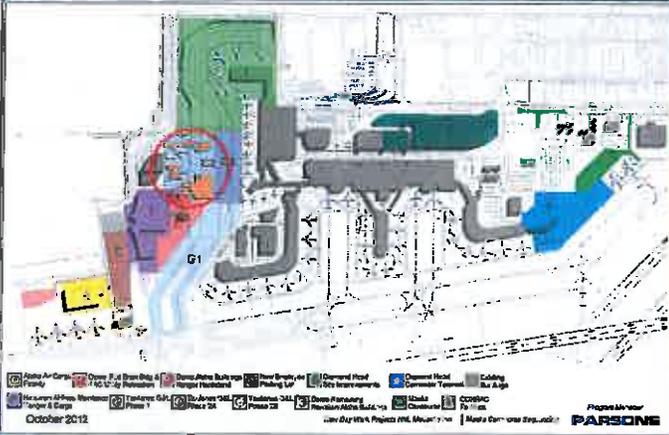
Widen taxilanes to meet FAA Airport Design Standards to accommodate Aircraft Design Group (ADG) V aircrafts anticipated to use the Mauka Concourse.

CONSTRUCTION COST
\$15M

SCHEDULE
Est. Start Oct 2017
Est. Completion Apr 2018



Airports Division
Honolulu Aloha & Hawaiian Facilities Demo



DESCRIPTION

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

CONSTRUCTION COST

\$14M

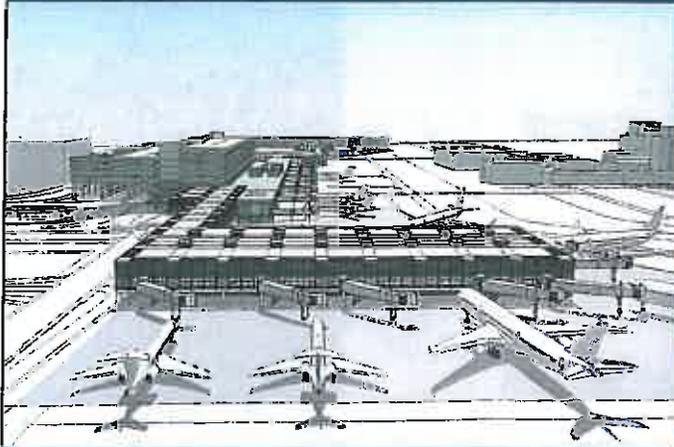
SCHEDULE

Est. Start Jul 2015

Est. Completion Jun 2016



Airports Division
Honolulu Mauka Concourse



DESCRIPTION

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

CONSTRUCTION COST

\$220M

SCHEDULE

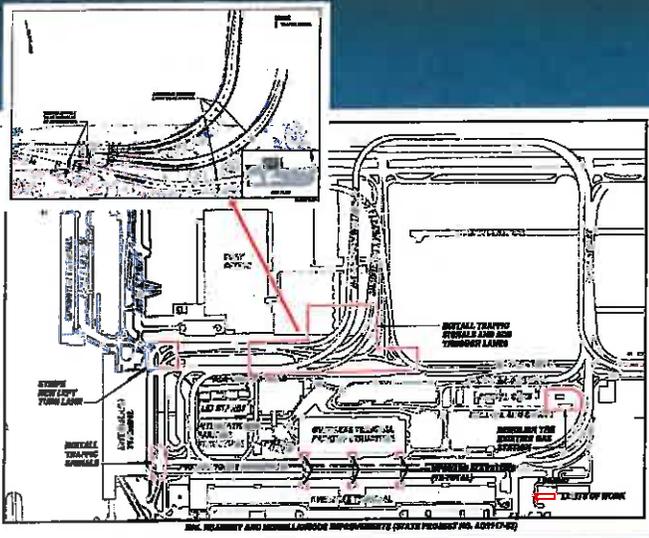
Est. Start Oct 2015

Est. Completion Oct 2017





Airports Division
Honolulu Roadway & Miscellaneous Improvements



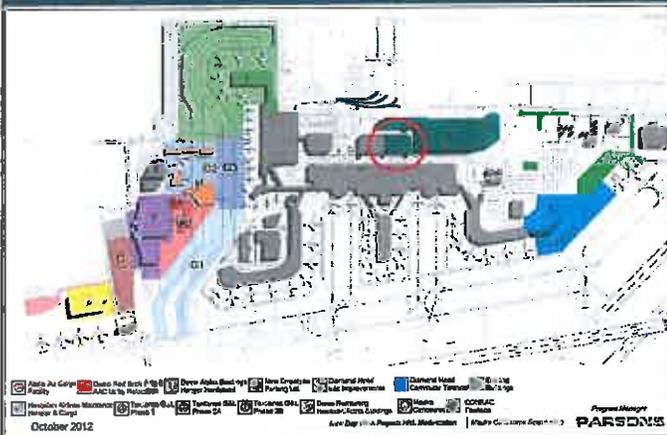
DESCRIPTION
 Roadway improvements to mitigate roadway congestion, including installation of traffic signals at bottom of H-1 off ramps; Upgrade elevators and demolition of gas station.

CONSTRUCTION COST
 \$7.9M

SCHEDULE
 Start Dec 2012
 Est. Completion Feb 2014



Airports Division
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
 Est. Start Feb 2014
 Est. Completion Feb 2015



**Airports Division
Honolulu CONRAC, Ph IIB (Permanent Facility)**



DESCRIPTION

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

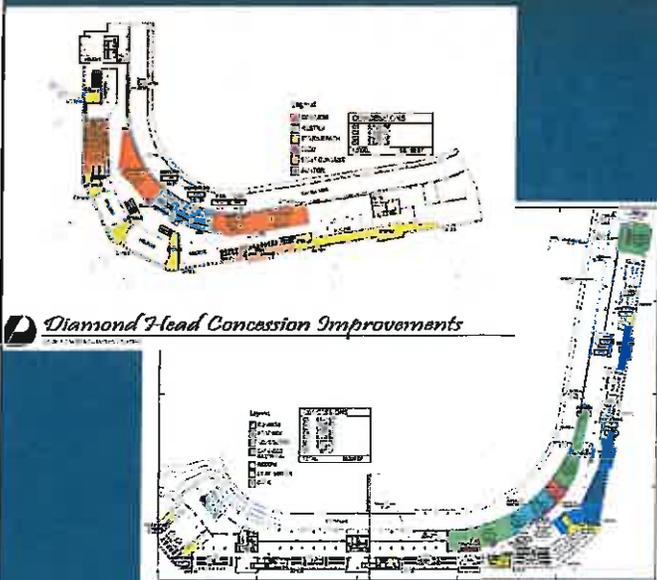
CONSTRUCTION COST
\$250M

SCHEDULE

Est. Start Jul 2015
Est. Completion Jul 2018



**Airports Division
Honolulu Concession Improvements**



Diamond Head Concession Improvements

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.

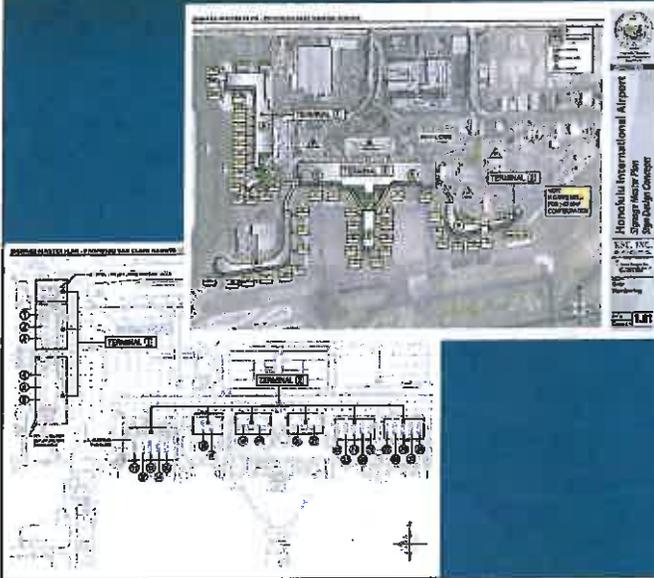
CONSTRUCTION COST
\$9M per concourse

SCHEDULE

Est. Start Jan 2015
Est. Completion Dec 2016



**Airports Division
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.

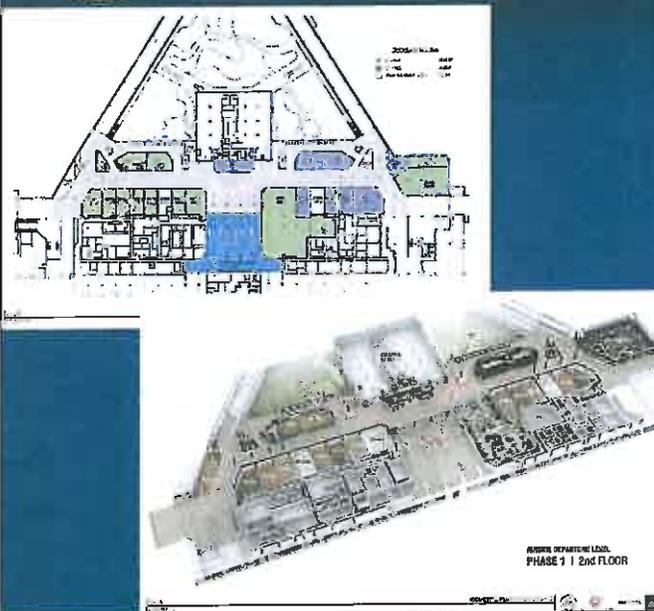
CONSTRUCTION COST
\$25M

SCHEDULE

Est. Start Jun 2015
Est. Completion Jun 2016



**Airports Division
HNL Concession Improvements (by Tenants)**



DESCRIPTION

Tenant - Provide additional concession spaces at the OST corridor by extending over the Central Concourse garden; Enclose and air condition OST corridor.

CONSTRUCTION COST
N/A

SCHEDULE
N/A



**Airports Division
Ticket Lobby Renovations**

	LOBBY 6	LOBBY 7	LOBBY 6	LOBBY 5	LOBBY 4
CONCEPT					
EXISTING			TBD	TBD	TBD

DESCRIPTION

Ticket Lobby renovations in Lobbies 4 & 6, including glass wall/ticket counters in Lobbies 4, 5 & 6; air conditioning the ticket lobbies, including the checkpoints.

CONSTRUCTION COST
\$50M

SCHEDULE

Est. Start Mar 2016
Est. Completion Sep 2017



**Airports Division
Renovation of Hangar 110
Kalaheo Airport**



DESCRIPTION

Total renovation of the historical aircraft hangar 110 at the Kalaheo airport. Project is being partially funded with federal funding over an 8 year period. There will be several phases to the renovation, starting with the upper roof and continuing on with the lower roof and the exterior and interior upgrades.

TOTAL CONSTRUCTION COST
\$20M

SCHEDULE

Est. Start Mar 2013
Est. Completion Sep 2018



Airports Division
Airport Access Road to Hana Highway
Kahului Airport

Proposed Project Site



DESCRIPTION

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

CONSTRUCTION COST

\$48M

SCHEDULE

Est. Start Apr 2014

Est. Completion Mar 2014



Airports Division
Roadway Improvements and CONRAC Facility
Kahului Airport

Concept B2 Overall Aerial View



DESCRIPTION

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. Includes a tram system to transport passengers to the facility.

CONSTRUCTION COST

\$280M

SCHEDULE

Est. Start Sep 2014

Completion Oct 2017



Airports Division
Restroom Improvements, Ph I
Kahului Airport



DESCRIPTION

Renovate 4 pairs of restrooms throughout various locations in the Kahului Airport Terminal.

CONSTRUCTION COST

\$3 Million

SCHEDULE

Start Aug 2013
Est. Completion Jun 2014



Airports Division
Restroom Improvements, Ph II
Kahului Airport



DESCRIPTION

Renovate approximately 6 pairs of restrooms throughout various locations in the Kahului Airport Terminal.

CONSTRUCTION COST

\$4.5M

SCHEDULE

Est. Start Jan 2014
Est. Completion Aug 2014





Airports Division
Re-roof Terminal Building, Ph II
Kahului Airport



DESCRIPTION
Continue with Re-roof of Kahului Airport terminal building including Holdrooms A & B.

CONSTRUCTION COST
\$7 Million

SCHEDULE
Est. Start Dec 2014
Completion Dec 2015



Airports Division
Runway 2-20 and 5-23 Reconstruction
Kahului Airport



DESCRIPTION
Rehabilitate Runways 2-20 and 5-23 at Kahului Airport.

CONSTRUCTION COST
\$150M

SCHEDULE
Est. Start - 2017
Est. Completion - 2019





Airports Division
Apron Pavement Structural Impr., Ph II
Kahului Airport



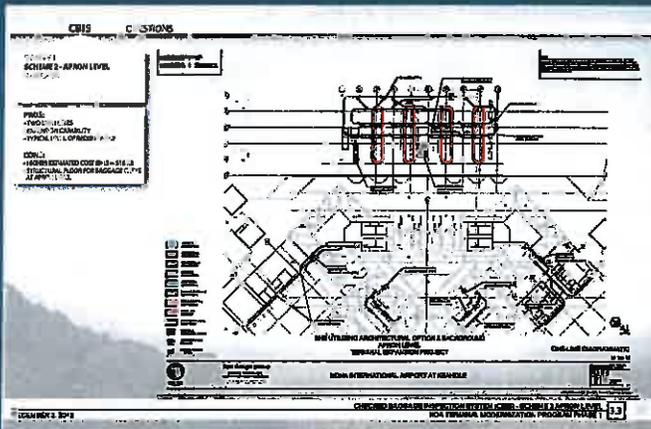
DESCRIPTION
 Repairs to Taxiway "A"
 at Kahului Airport.

DESIGN COST
 \$27M

SCHEDULE
 Est. Start Sep 2013
 Est. Completion Mar
 2015



Airports Division
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



Airports Division
Onizuka Space Center Relocation, Ph I
Kona International Airport at Keahole



Exterior Rendering / View from Pedestrian Plaza

DESCRIPTION

New 6,135 SF facility to include exhibition space, auditorium, office, and café

CONSTRUCTION COST

\$6.8M

SCHEDULE

Est. Start Apr 2014
Est. Completion Jun 2015



Airports Division
Access Control & CCTV Systems
Kona International Airport at Keahole



DESCRIPTION

Replace entire existing access control and CCTV system at KOA.

CONSTRUCTION COST

\$6M

SCHEDULE

Est. Start Dec 2014
Est. Completion De 2015



Airports Division
ARFF Station Relocation
Kona International Airport at Keahole



Kona International Airport - Aircraft Rescue and Fire Fighting (ARFF) Station
PH: PHA/DA

DESCRIPTION
Construct an entirely new ARFF Station in a new location at KOA.

CONSTRUCTION COST
\$18M

SCHEDULE
Est. Completion May 2014



Airports Division
Re-Roof Terminal Building
Kona International Airport at Keahole

DESCRIPTION
Replace roofs on all terminal buildings at KOA.

CONSTRUCTION COST
\$10M

SCHEDULE
Est. Start Mar 2014
Est. Completion May 2015





Airports Division
ARFF Facility Improvements
Hilo International Airport



DESCRIPTION
Construct a new ARFF Station at Hilo International Airport.

CONSTRUCTION COST
\$20M

SCHEDULE
Est. Start Jun 2014
Est. Completion Nov 2015



Airports Division
Noise Attenuation Keaukaha Subdivision, Ph II
Hilo International Airport



DESCRIPTION
Sound attenuation treatment of residential homes in the Keaukaha community.

CONSTRUCTION COST
\$2.5M

SCHEDULE
Est. Start Dec 2014
Est. Completion Nov 2014



Airports Division
Runway Safety Area Improvements
Lanai Airport



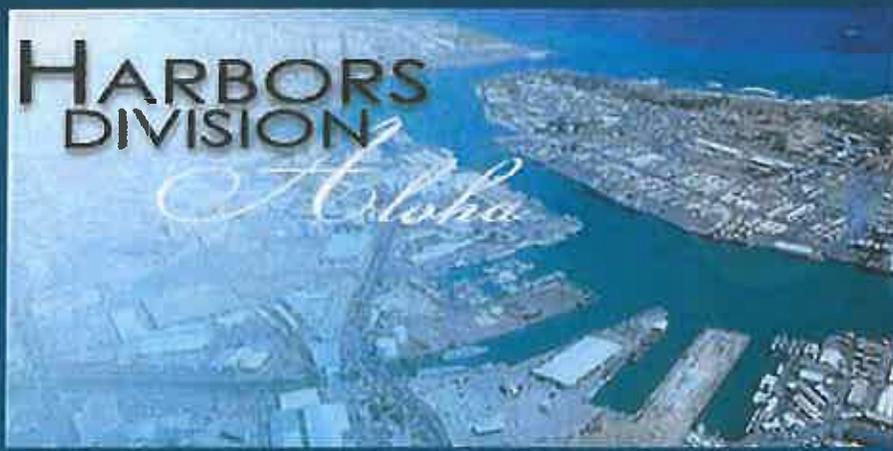
SCOPE
Extend runway safety area to meet FAA compliance certification. Work involves raising the end of runway 3 and extending the safety area to 1000 feet by 500 feet wide.

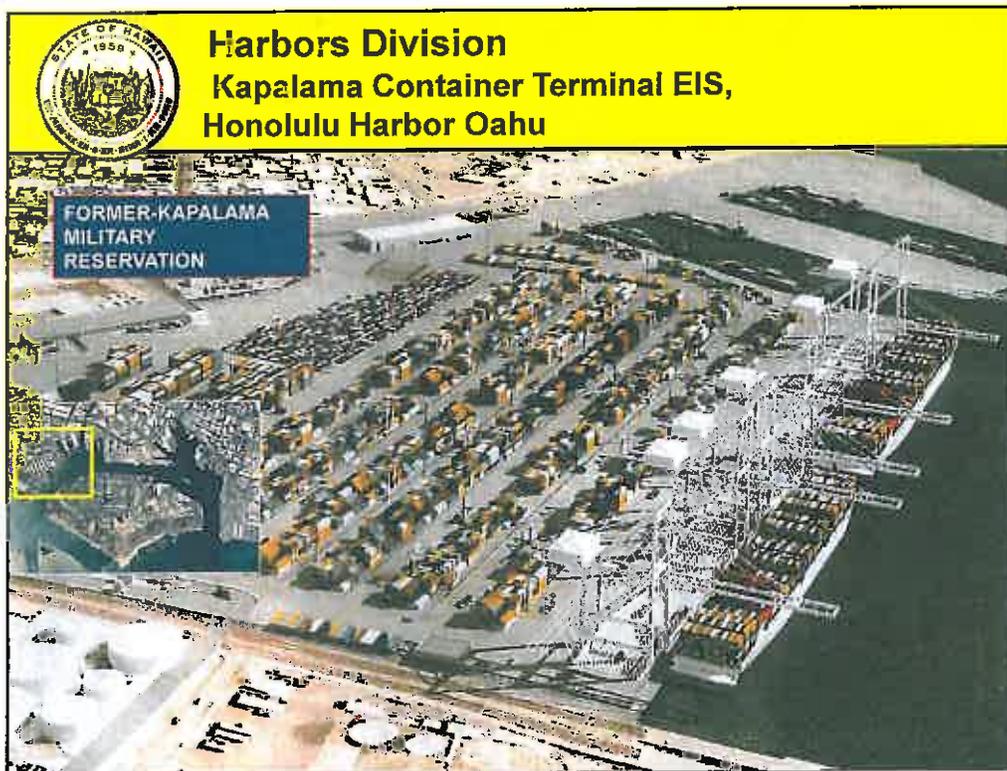
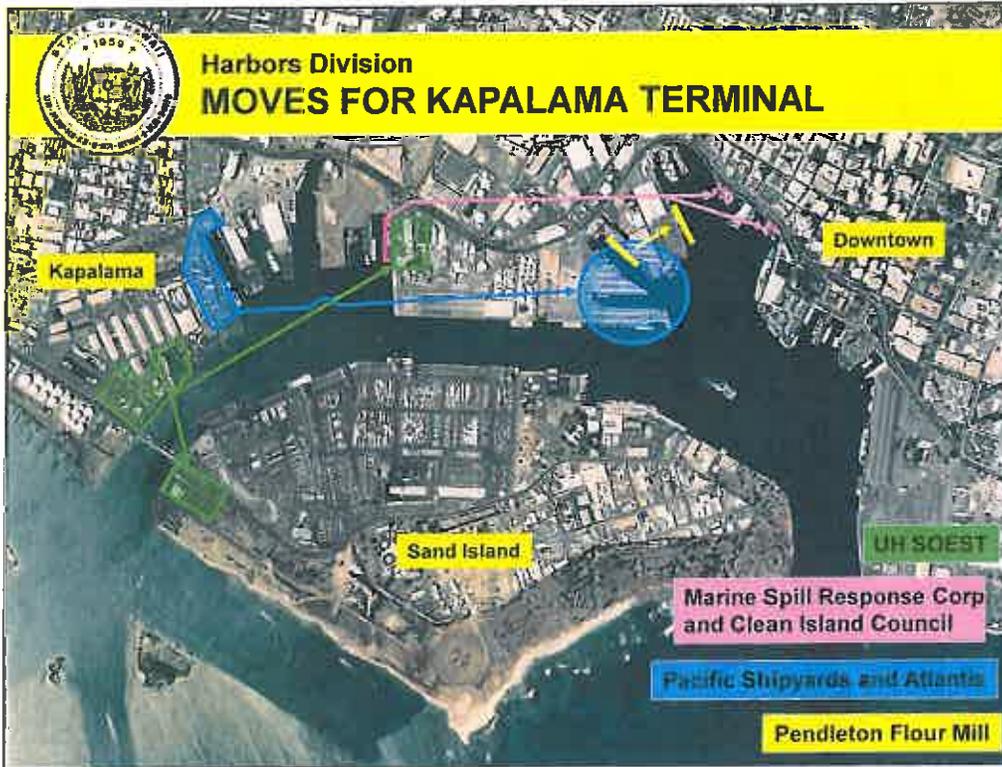
EST. TOTAL COST
\$24 Million

SCHEDULE
Est. Completion Oct 2014



PRESENTATION AGENDA





**Harbors Division
Kapalama Container Terminal**

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

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

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

SCOPE: H.C. 10370
Design of plans for the demolition of existing buildings on the proposed New Kapalama Container Terminal project, inclusive of environmental abatement requirements.

EST. SCHEDULE
Est. Construction Start: March/April 2014

SCOPE: H.C. 10502
Design of the yard area of the proposed New Kapalama Container Terminal project.

EST. SCHEDULE
Start: March 2013
Est. Design Completion: Summer 2014
Est. Construction Start: Summer 2015

SCOPE: H.C. 10498
Design of the wharf & dredging portions of the proposed New Kapalama Container Terminal project.

EST. SCHEDULE
Start: January 2013
Est. Design Completion: July 2014
Est. Construction Start: May 2015

**Harbors Division
Kapalama Container Terminal Project
Honolulu Harbor Oahu**

H.C. 10473
SUBSTRUCTURE AND WATERLINE REPAIRS AT PIER 35, HONOLULU HARBOR, OAHU

H.C. 10358
REHABILITATION OF BUILDING AND YARD AREAS AT PIERS 34/35, HONOLULU HARBOR, OAHU

HMP 20905
BUILDING IMPROVEMENTS AT PIER 35, HONOLULU HARBOR, OAHU

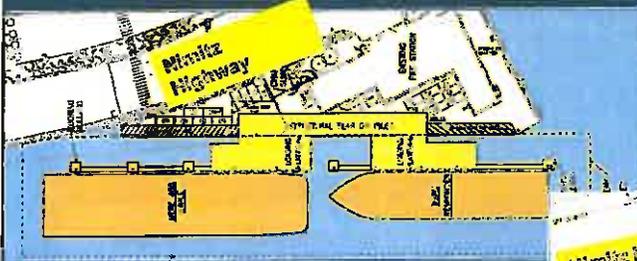
N. Nimitz Highway

PIER 34

PIER 35



Harbors Division
Kapalama Container Terminal Project
Honolulu Harbor Oahu



HMP 20907
 PIERS 12 AND 15
 IMPROVEMENTS,
 HONOLULU HARBOR,
 OAHU



Kalaeloa Barbers Point Harbor, Oahu
FUEL SYSTEM PROJECTS

West Beach Marina

Pier P-6

Pier P-5

Possible Pier Improvements

Possible Storage Location

Kenai Industrial Park

DESCRIPTION: Fuel Pier Development Plan and Environmental Documentation and Kalaeloa Master Plan.
SCHEDULE: In progress



Harbors Division
H.C. 10499 - Kalaeloa Projects (Master Plan, Fuel Pier Development Plan and EIS), Kalaeloa Harbor, Oahu



Preliminary Work Plan Schedule

SCOPE

Three projects including the Kalaeloa Harbor 2040 Master Plan, Pier P-4 Fuel Pier Development Plan and the Fuel Pier EIS.

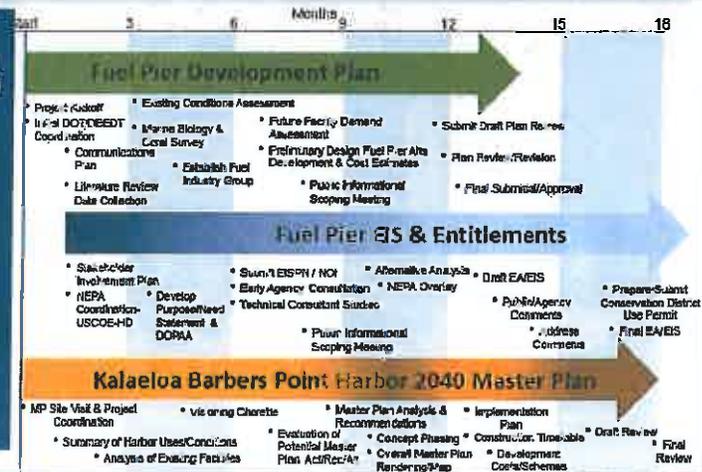
EST. TOTAL COST

\$1.5 million

EST. SCHEDULE

Start: Spring 2013

Est. Completion: 2015



DOT Kalaeloa Barbers Point Commercial Harbor Scope of Services

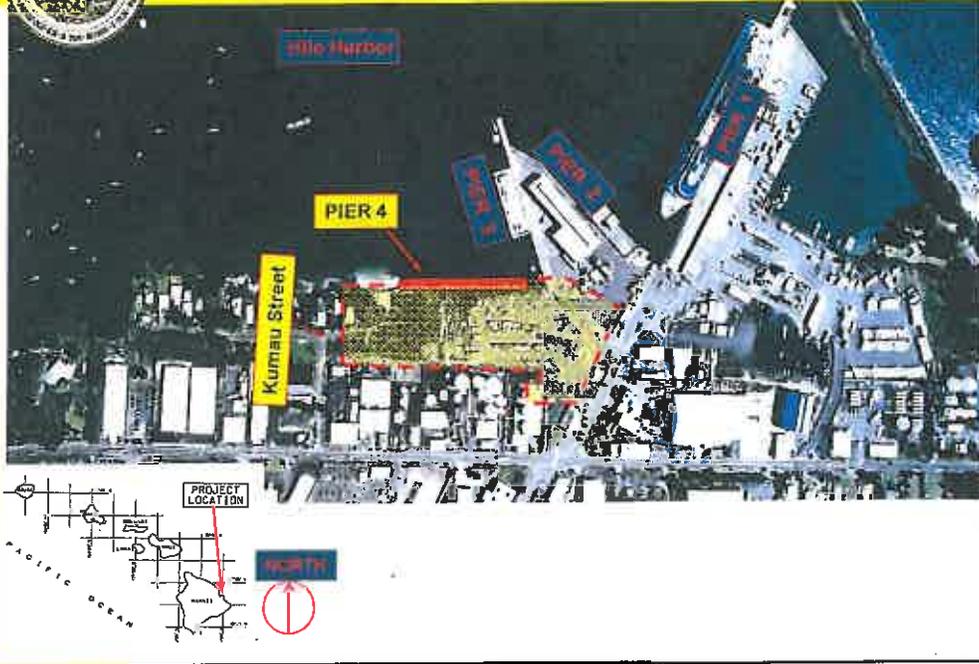


Harbors Division
Kawaihae Harbor Improvements, Kawaihae Harbor, Hawaii





Harbors Division
Hilo Harbor Improvements Hilo Harbor, Hawaii



Harbors Division
H.C. 50063 – USACE Hilo Improvements Feasibility Study, Hilo Harbor, Hawaii

SCOPE
 USACE to conduct feasibility study to determine if improvements to navigational conditions at Hilo Harbor are warranted and worthy of federal funding for design and construction.

EST. TOTAL COST
 \$3,000,000 of which the State's 50% cost-share amount = \$1,500,000

EST. SCHEDULE
 Start: October 2013
 Est. Completion: October 2016

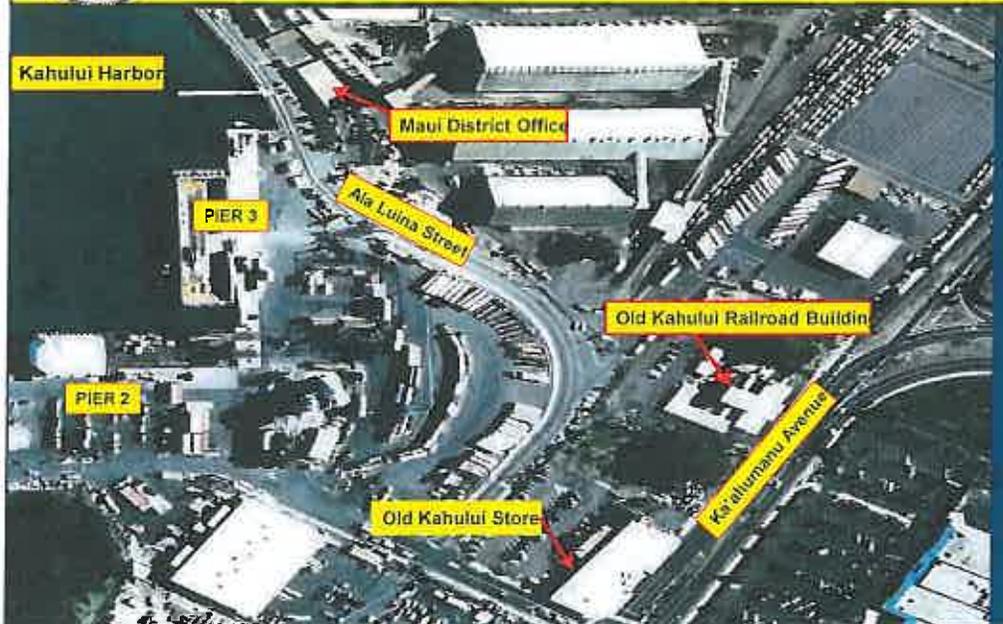




Harbors Division Kahului Harbor Improvements, Kahului Harbor, Maui

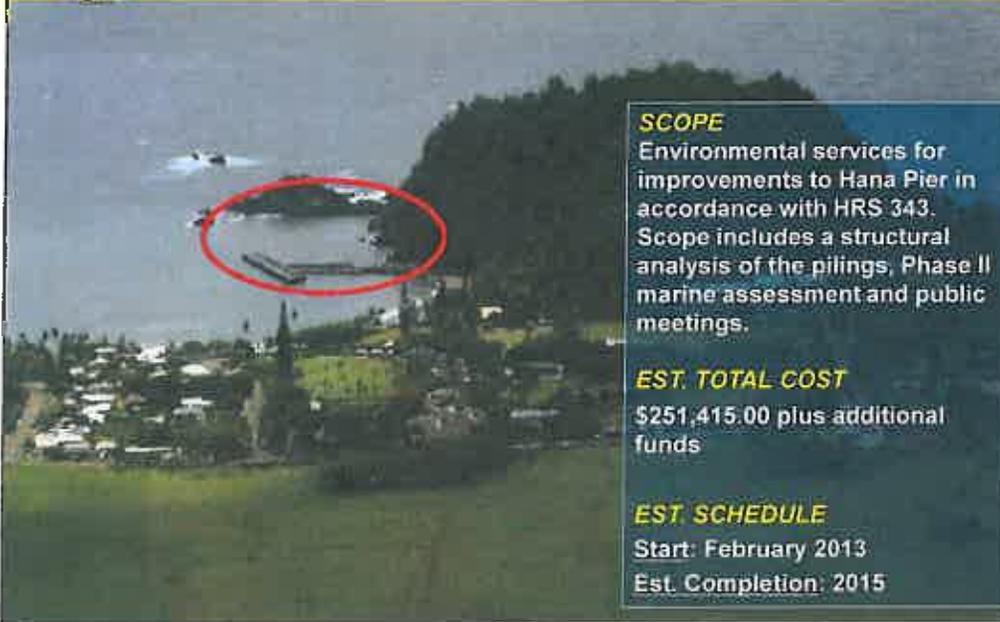


Harbors Division Kahului Harbor Improvements, Kahului Harbor, Maui





Harbors Division
Hana Pier Improvements Environmental Services
Hana Harbor, Maui



SCOPE

Environmental services for improvements to Hana Pier in accordance with HRS 343. Scope includes a structural analysis of the pilings, Phase II marine assessment and public meetings.

EST. TOTAL COST

\$251,415.00 plus additional funds

EST. SCHEDULE

Start: February 2013
 Est. Completion: 2015



Harbors Division
Maritime Wireless Network System,
Statewide



KAWAIIHAE HARBOR, HAWAII



NAWILIWILI HARBOR, KAUAI



KAHALA HARBOR, MAUI



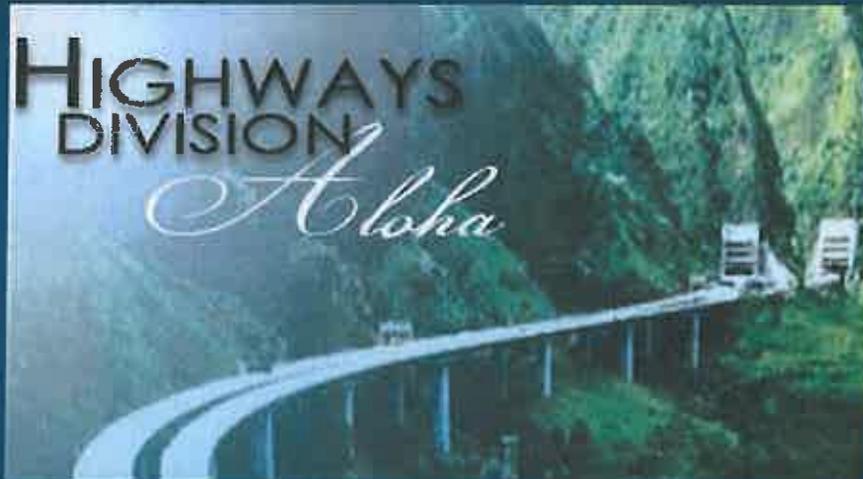
HONOLULU HARBOR, OAHU



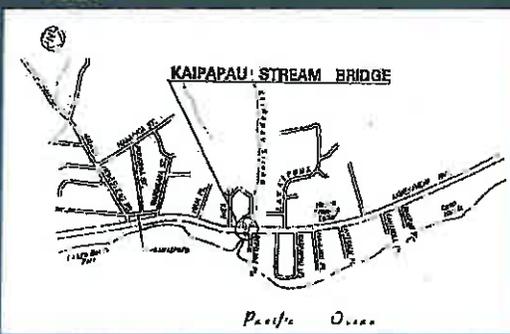
KALAELE HARBOR, OAHU



PRESENTATION AGENDA



Highways Division – Oahu Kamehameha Highway, Kaipapau Stream Bridge, Replacement



SCOPE

Replace the existing bridge with a new longer and wider bridge to conform with State and Federal Standards.

EST. COST (2012)

\$15 Million





Highways Division – Oahu
Kamehameha Highway, South Kahana Stream Bridge, Replacement



SCOPE
 Replace the existing bridge with a new bridge that meets current AASHTO requirements.

EST. COST
 \$27 Million

EST. SCHEDULE
 Bid 2017



Highways Division – Oahu
Kalaniana'ole Highway, Inoaole Stream Bridge, Replacement



SCOPE
 Install detour road adjacent to and a little makai of existing box culvert. Existing single-cell box culvert will be replaced with a 6-cell box culvert. Stream will be transitioned to match new culvert width and utilities will be relocated accordingly.

EST. COST
 \$9.3 Million

EST. SCHEDULE
 Bid September 2015





Highways Division – Oahu
Interstate Route H-1 Rehabilitation, Middle Street to
Vicinity of Ward Avenue

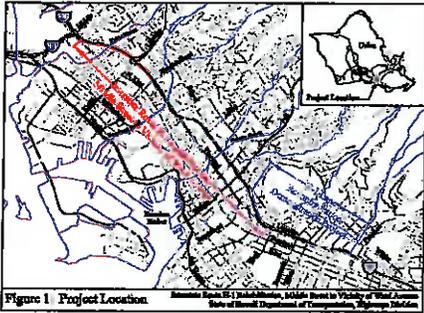


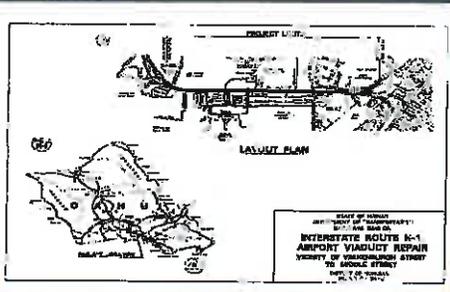
Figure 1 Project Location
Amended Roadway Rehabilitation, Middle Street to Vicinity of Ward Avenue
 State of Hawaii Department of Transportation, February 2014

SCOPE
 Repair and restripe H-1.

EST. COST
 \$42.3 Million



Highways Division – Oahu
Interstate Route H-1, Airport Viaduct Improvements,
Valkenburgh Street to Middle Street



SCOPE
 Repair the concrete deck.

EST. COST
 \$16.4 Million

EST. NTP
 Mar. 2014





Highways Division – Oahu
Kamehameha Highway Widening –
Lanikuhana Avenue to Ka Uka Boulevard



SCOPE

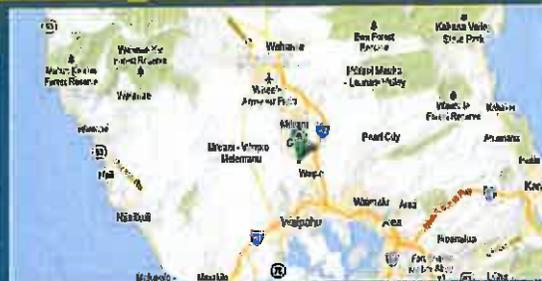
Complete planning and environmental permitting to widen Kamehameha Hwy. between Lanikuhana Ave. and Ka Uka Blvd. from 2 - 3 lanes to 4 lanes. This project will also consider replacing or modifying the existing Roosevelt (Kipapa Gulch) bridge.

EST. COST

\$200 - \$400 Million



Highways Division – Oahu
Kamehameha Hwy – Rehabilitation of
Kipapa Stream Bridge
(a.k.a. Franklin D. Roosevelt Bridge)



SCOPE

Rehabilitate the existing deficient bridge to meet current design standards.

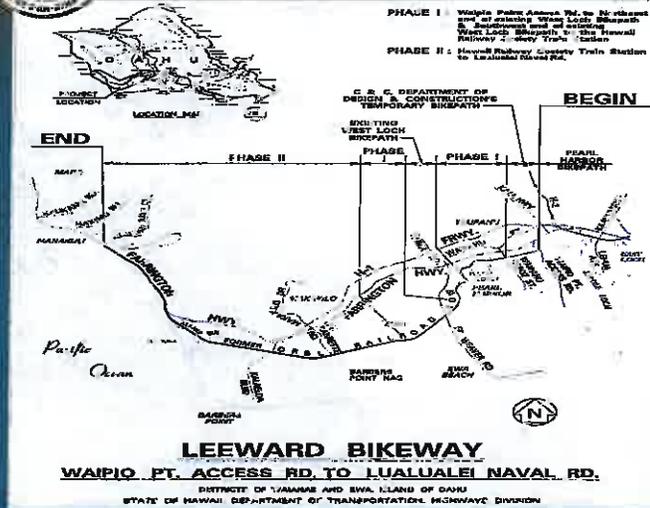
EST. COST

\$5.1 Million





Highways Division – Oahu
Leeward Bikeway, Phases 1 & 2

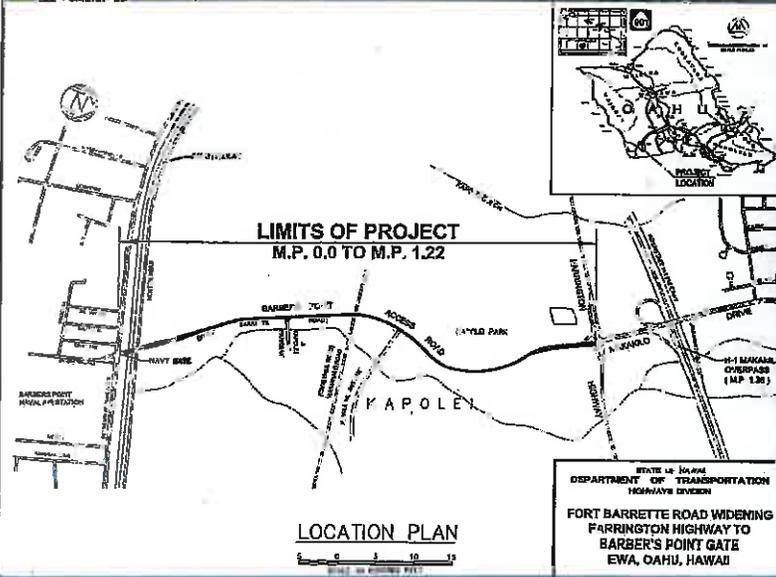


SCOPE
 Construct 10-foot wide asphalt concrete bike path with 2-foot shoulders

EST. COST
 \$12 Million



Highways Division – Oahu
Fort Barrette Road Widening, Roosevelt Avenue to Farrington Highway



SCOPE
 Widen existing 2-lane to 4-lane divided roadway with raised median, gate for railroad crossing auxiliary lanes, bike lanes, sidewalks, curb and gutter, highway lighting, traffic signals, utilities and underground drainage system.

EST. COST
 \$55 Million



Highways Division – Oahu
Kapolei Interchange, Phase II



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

EST. COST
 \$48 Million



Highways Division – Oahu
Farrington Highway, Intersection Improvements, Haleakala Avenue and Nanakuli Avenue



SCOPE
 Install auxiliary left-turn lanes from Farrington Highway into Haleakala Avenue and Nanakuli Avenue. Includes installation of sidewalks, relocating utilities, traffic signals, railroad tracks, a bike lane and highway lighting.

EST. COST
 \$14.2 Million





Highways Division – Oahu
Farrington Highway, Bridge Replacement, Maipalaoa Bridge

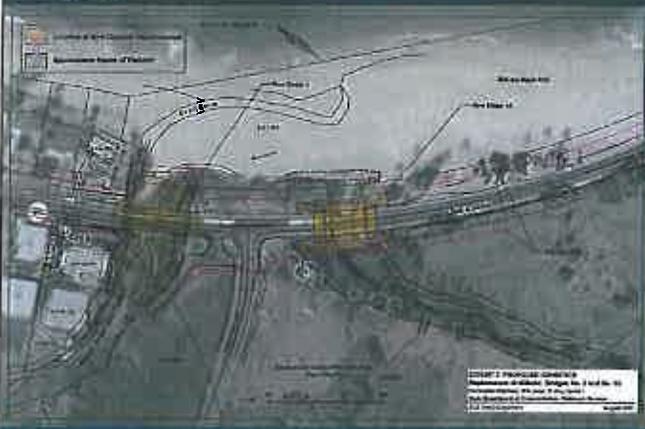


SCOPE
 Replacing the existing bridge with a larger bridge.

EST. COST
 \$14.9 Million



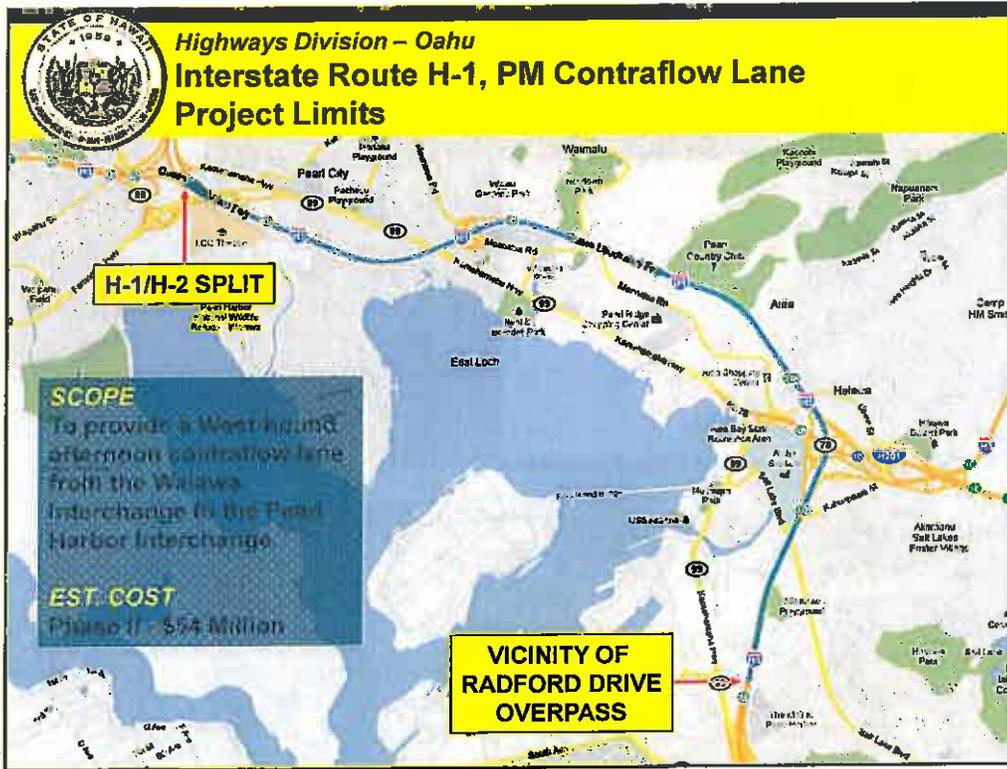
Highways Division – Oahu
Farrington Highway, Bridge Replacement, Makaha Bridges Nos. 3 & 3A



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

EST. COST
 \$20.1 Million





Highways Division
Freeway Management System (FMS)

SCOPE - Primary goals for HDOT's FMS program:

- Implement an interagency incident management program.
- Provide advanced traveler information.

COST - \$200 million.



Highways Division
Incident Management Program & Interagency
Coordination



- Freeway Service Patrol (FSP)
- Continue to work with Police, Fire, EMS and City & County of Honolulu Dept. of Transportation Services on incident management



- Joint Traffic Management Center



Highways Division
Advanced Traveler Information System – GOakamai

Route	Travel Time
Freeway from Pearl City	17 min
Pearl City to Hahaione (via H-1)	16 min
Pearl City to Kaneohe (via H-1)	15 min
Pearl City to Kaneohe (via H-1)	15 min
Pearl City to Kaneohe (via H-1)	15 min
Pearl City to Kaneohe (via H-1)	15 min
Pearl City to Kaneohe (via H-1)	15 min
Pearl City to Kaneohe (via H-1)	15 min
Pearl City to Kaneohe (via H-1)	15 min
Pearl City to Kaneohe (via H-1)	15 min

- Provides 24/7 traffic congestion info for Oahu freeways
- Links over 200 traffic cameras for on-site snapshots around the island.
- Connects to bus transit, carpooling, roadwork, Freeway Service Patrol & other resources
- Freeway travel time information and mobile app launched in August 2013.
- www.goakamai.org



Highways Division
Advanced Traveler Information System –
511 Phone Hotline, Highway Signs



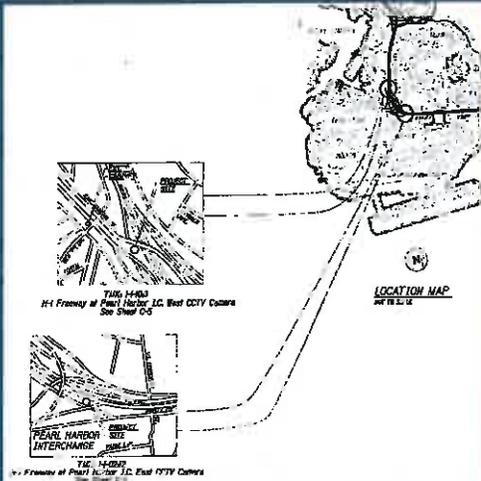
Traffic, Travel and Transit Info



- Gives motorists real-time traffic info via phone and electronic dynamic message signs.
- Info will also be used by TV newscasts & radio traffic reports
- 511 automated phone system. System launched Sept. 2013
- Electronic Dynamic Message Signs – travel times are planned to be posted at Liliha St. and Kaamilo St.
- Gives motorists real-time traffic info via phone, internet & signs



Highways Division
Installation of CCTV at Pearl Harbor IC



SCOPE

Installation of two pole mounted traffic cameras at the Pearl Harbor IC along with power and communication infrastructure.

COST

\$1.3 Million





Highways Division

H-1 Core Variable Message Signs and Traffic Cameras



Example VMS at Laina Street

SCOPE

Installation of additional Variable Message Signs and CCTV Traffic Cameras.

EST. COST

\$14-15 Million*

* Complete funding not available. May have to defer some of the work to later phases.

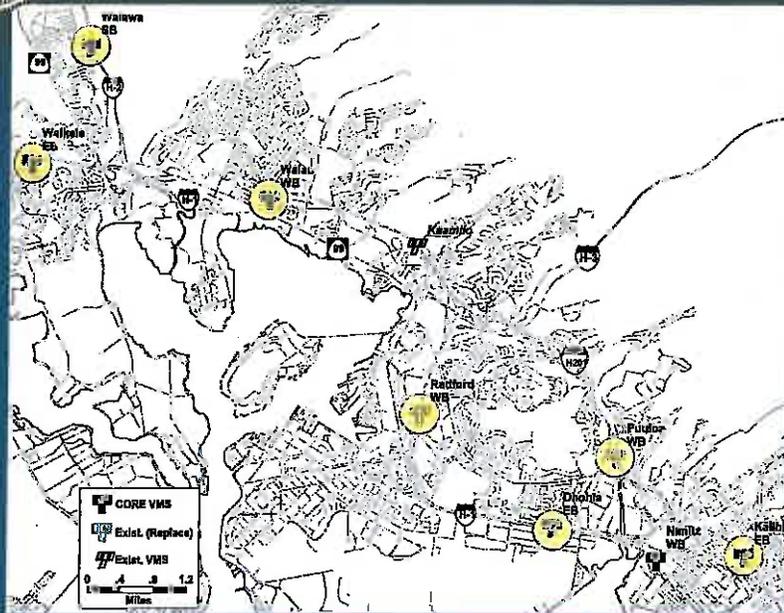


Example Pole Mounted Traffic Camera at West Hill



Highways Division

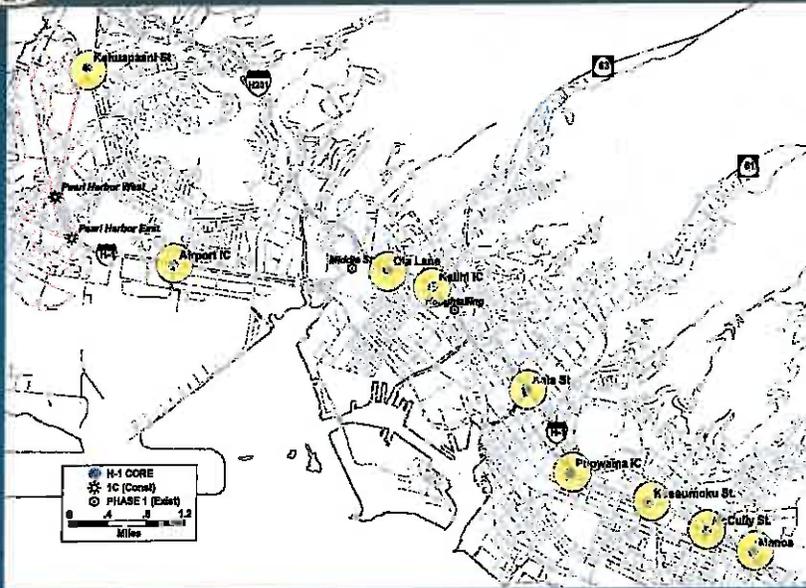
H-1 Core Proposed VMS Locations





Highways Division

H-1 Core Proposed CCTV Traffic Camera Locations

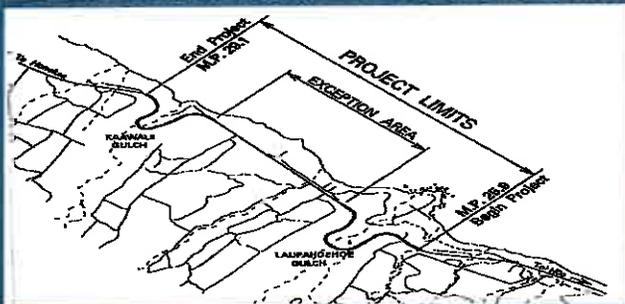


Highways Division – Hawaii

Hawaii Belt Road (Rte. 19)

Safety Improvements and Resurfacing

Laupahoehoe Gulch and Kaawalii Gulch



SCOPE

Resurfacing, verify super elevations, replace existing guardrails, reconstruct or adjust existing monuments, install pavement striping / markings.

COST

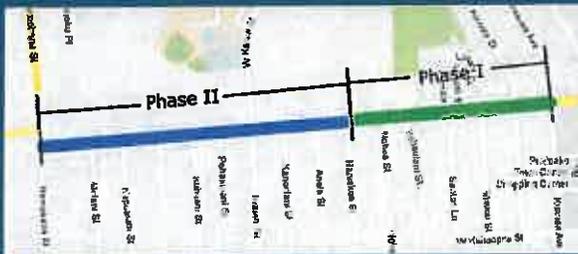
\$10.6 Million

SCHEDULE

Construction in progress



Highways Division – Hawaii
Puainako Street (Rte. 200) Widening & Realignment,
Phase I & II



SCOPE
 Widening and realignment of Puainako Street from Kanoiehewa Ave to Komohana St

EST. COST
 TBD

EST. SCHEDULE
 Phase 1 Construction 2016
 Phase 2 Construction 2018



Highways Division – Hawaii
Keaau-Paho Road
Keaau to Paho Improvements



SCOPE
 Improve traffic capacity, circulation & safety along Route 130. Improve travel for alternative modes of transportation, bicycles & pedestrians.

EST. COST
 \$136 - \$139 Million

EST. SCHEDULE
 Projects vary

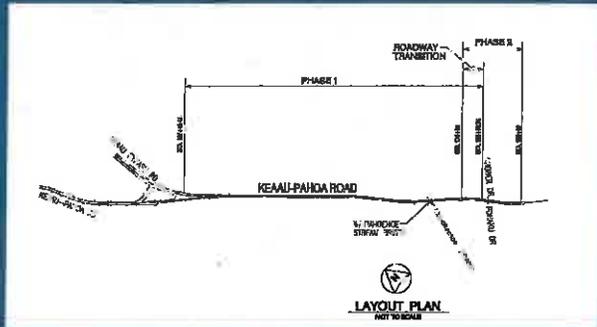


Highways Division – Hawaii
Keaau-Paho Road
Shoulder Lane Conversion (Phases I & II)



SCOPE

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



EST. COST

Phase I: \$15 Million
 Phase II: \$3 Million

SCHEDULE

Bid Date:
 Phase I – Nov. 9, 2012
 Phase II – Dec. 2014 (est.)



Highways Division – Hawaii
Keaau-Paho Road
Intersection Improvements at Old Government Road



SCOPE

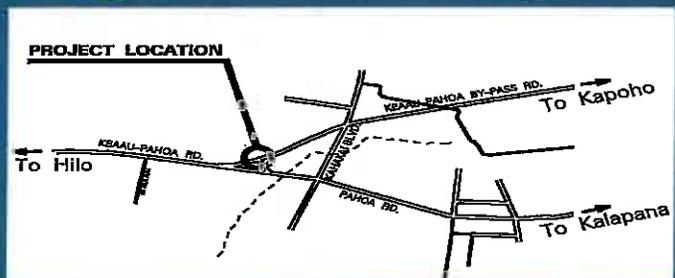
Operational and safety improvements.

EST. COST

\$4.79Million

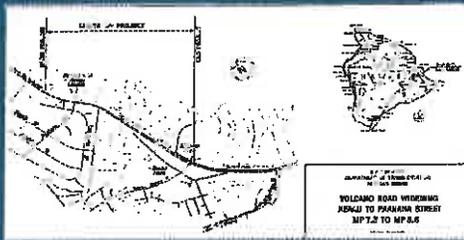
EST. SCHEDULE

January 2014





Highways Division – Hawaii
Volcano Road Widening
Keaau to Paahana Street



SCOPE
 Regrade and reconstruct existing roadway to provide widened shoulders and to restore original roadway crown.

EST. COST
 \$4 Million

EST. SCHEDULE
 Bid Advertisement:
 November 2014



Highways Division – Hawaii
Mamalahoa Highway (Rte. 11) Drainage Improvements
at Kawa



SCOPE
 Install multi-cell box culvert on existing roadway and elevate roadway to mitigate flooding during severe weather.

EST. COST
 \$9.0 Million

EST. SCHEDULE
 Bid Date: October 2015





Highways Division – Hawaii
Queen Kaahumanu Highway
Widening, Phase II
Kealakehe Parkway to Keahole Airport Road

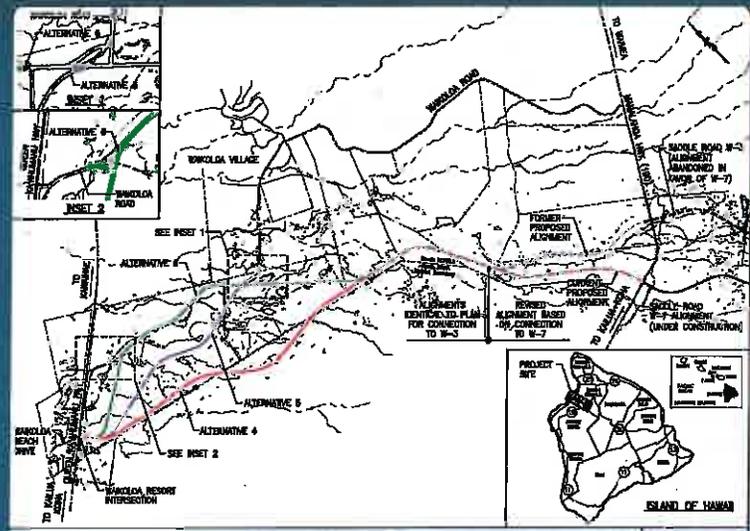


SCOPE
 Widen Queen Kaahumanu Highway from an existing 2-lane to 4-lane divided highway.

EST. COST
 \$76.2 Million



Highways Division – Hawaii
Saddle Road Extension
Queen Kaahumanu Highway to Mamalahoa Highway



SCOPE:
 New roadway and or realignment and extension of Saddle Road.

EST. COST
 \$100 – 200 Million



Highways Division – Hawaii
Queen Kaahumanu Highway
Intersection Improvements at Kawaihae Road



SCOPE
 Provide right-turn land for North bound Queen Kaahumanu; right-turn lane for East bound Kawaihae Rd; acceleration lane Kawaihae Rd.

EST. COST
 \$1.5 Million

EST. SCHEDULE
 Anticipated Bid Date:
 Oct. 2014



Highways Division – Hawaii
Kawaihae Road – Waiaka Stream Bridge
Replacement and Realignment of Approaches



SCOPE
 Replacement of the existing Waiaka Bridge to meet Federal and State design guidelines and also improve operation of roadway approaches.

EST. COST
 \$12 Million



Highways Division – Maui
Honoapiilani Highway, Bridge Rehabilitation of
Honolua Bridge



SCOPE

Rehabilitate the existing one-lane bridge.

EST. COST

\$5.4 Million

EST. SCHEDULE

Bid 8/2016

NTP 11/2016



Highways Division – Maui
Waiehu Beach Road
Iao Stream Bridge Rehabilitation



SCOPE

Rehabilitation of concrete T-beam bridge on Waiehu Beach Road in the vicinity of Wailuku.

COST

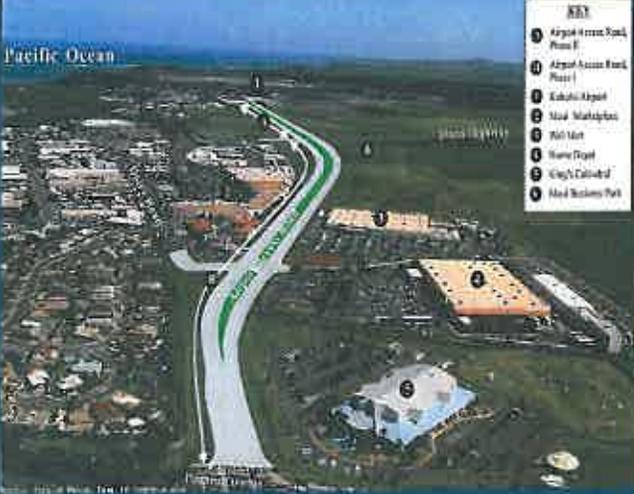
\$4.6 Million

SCHEDULE

NTP: Jan. 2014



Highways Division – Maui
Kahului Airport Access Road, Vicinity of Puunene Avenue to Hana Highway



Pacific Ocean

KEY

- 1 Airport Access Road, Phase II
- 2 Airport Access Road, Phase I
- 3 Kahului Airport
- 4 Maui Waterpark
- 5 Maui Mall
- 6 Hana Digital
- 7 Key/Cultural
- 8 Maui Business Park

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

EST. COST
 \$33 Million

EST. SCHEDULE
 Construction in progress



LAYOUT PLAN
 10/10/14

Highways Division – Maui
Hana Hwy. (Rte. 36) Widening, Kaahumanu Ave. (Rte. 32) to Vicinity of Airport Access Road




SCOPE
 Widen highway from 4 lane to 6 lane divided with landscaped medians to improve traffic operation and increase capacity in the project area.

EST. TOTAL COST
 \$ 7.4 M

EST. SCHEDULE
 Oct. 2015





Highways Division – Maui
Piilani Highway, Traffic Operational Improvements at Ohukai Road



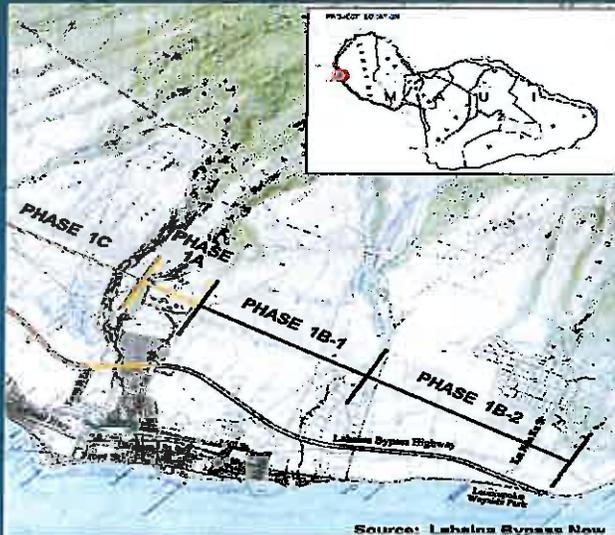
SCOPE
 Convert the Piilani Hwy Intersection at Ohukai Road to an eight way intersection. Adding left and right turn lanes on Ohukai and relocating/rearranging the traffic signals.

EST. COST
 \$2 Million

EST. SCHEDULE
 Construction start April 2014



Highways Division – Maui
Honoapiilani Highway Realignment, Phases 1B-2, Hokiokio Place to Relocated Southern Terminus [Lahaina Bypass]



SCOPE
 Construct a 2-lane highway between Hokiokio Place and the relocated Southern Terminus.

EST. COST
 \$40 Million

EST. SCHEDULE
 Design begin FY 2015





Highways Division – Maui
Hana Highway Historic Bridge
Preservation Plan



SCOPE

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

EST. COST
 \$1.5 Million

EST. SCHEDULE
 Feb. 2014



Highways Division – Kauai
Kuhio Highway - Hanalei Bridge to Waikoko Bridge
Safety Improvements

Location Map



Improvement Limits From Mile Post 3.1 to Mile Post 4.2



SCOPE

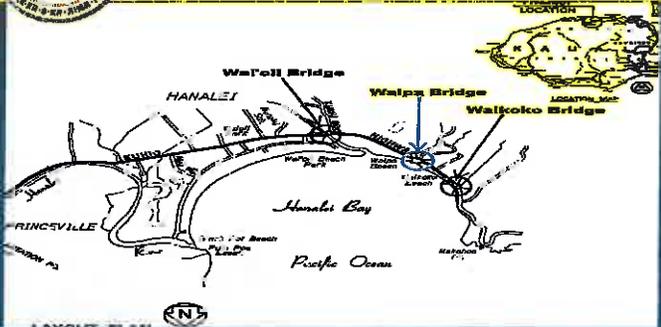
Remove and replace missing or worn traffic signs and pavement markings within 3-mile project limits, add new crosswalks with new curb ramps or ADA flat landings, replace existing guardrails and install new flashers at Hanalei Bridge.

EST. COST
 \$1 Million





Highways Division – Kauai
Kuhio Highway, Rehabilitation or Replacement of
Waioli, Waipa, and Waikoko Stream Bridges

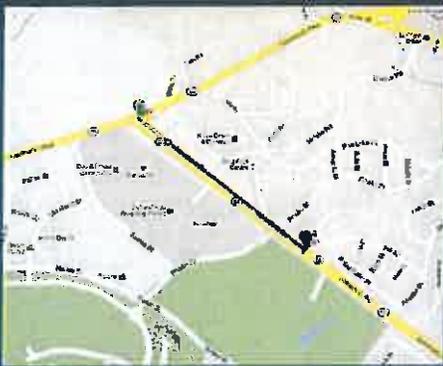


SCOPE
 Replace or rehabilitate existing concrete bridges and guardrails.

EST. COST
 \$20.2 Million



Highways Division – Kauai
Nawiliwili Road Improvements, Kaunualii Highway to
Kanani Street (M.P. 1.57 to M.P. 1.98)



SCOPE
 Replacing the existing asphalt concrete pavement with either concrete or an ultra-thin white topping over a concrete treated base. Associated work to include concrete sidewalks, curbs, gutters, replacing pavement striping, markers and traffic signs, and repairing traffic signals.

EST. SCHEDULE
 Design/Build Project – starting Feb. 2014





Highways Division – Kauai
Kaumualii Highway, Omao Stream Bridge Replacement

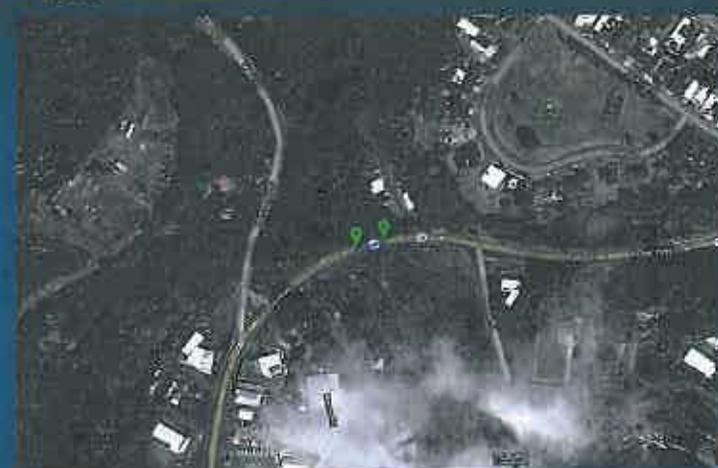


SCOPE
Replace the existing bridge.

EST. COST (2012)
\$7.4 Million



Highways Division – Kauai
Kuhio Highway, Kapaia Bridge Replacement



SCOPE
Replace the existing bridge with a modern bridge structure.

EST. COST (2012)
\$10.5 Million



Highways Division – Kauai
Kaumualii Highway, Hanapepe Bridge Rehabilitation



SCOPE

Repair existing bridge structure, including the initiation of scour prevention measures to improve bridge footings.

EST. TOTAL COST

\$12.4 Million

EST. SCHEDULE

Begin Design: FY 2014

