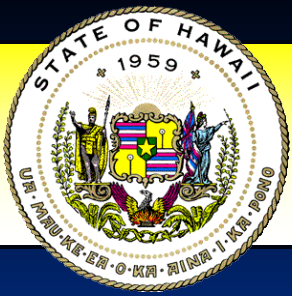


NEW DAY IN HAWAII



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
**Chinatown/Downtown/Capitol
District/Kaka'ako Town Meeting**
Director Glenn Okimoto
March 12, 2013

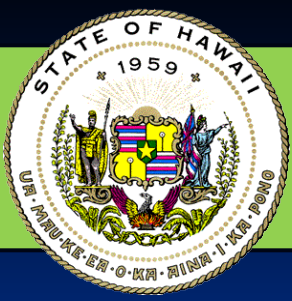


Chinatown/Downtown/Capitol District/Kaka'ako Town Meeting

PRESENTATION AGENDA

■ Current Project Updates

- Honolulu International Airport – Emergency Power Facility
- Honolulu International Airport – Roadway & Miscellaneous Improvements
- Nimitz Highway and Ala Moana Boulevard, Resurfacing and Highway Lighting Replacement Fort Street to Kalakaua Avenue
- Nimitz Highway Traffic Signal Modernization
- Liliha Street Traffic Signal at Kukui Street
- H-1 Freeway PM Contraflow Lane/Pearl City & Waimalu Viaduct Improvements



Honolulu Emergency Power Facility



DESCRIPTION

Facility to house 4 – 2.5 MW generators, and fuel tanks; With existing 1.2MW generator, approximately 60% of airport load will be on emergency power.

CONSTRUCTION COST

\$20M

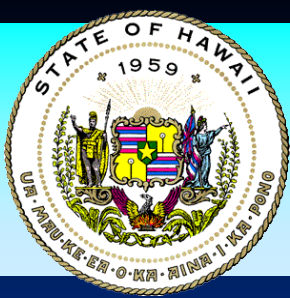
SCHEDULE - Ongoing
Est. Completion June 2013



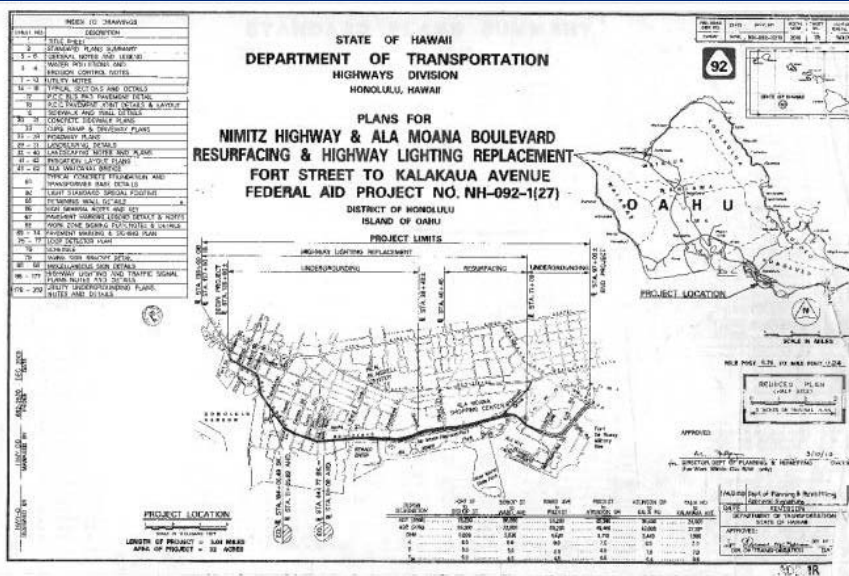
Roadway improvements to mitigate roadway congestion, including installation of traffic signals at bottom of H-1 off ramps; Upgrade elevators and demolition of gas station.

\$7.9M

Start Dec 2012
Est. Completion June
2013



Nimitz Highway and Ala Moana Boulevard, Resurfacing and Highway Lighting Replacement, Fort Street to Kalakaua Avenue



SCOPE

Replace the existing pavement and highway lighting at Nimitz Highway and Ala Moana Boulevard.

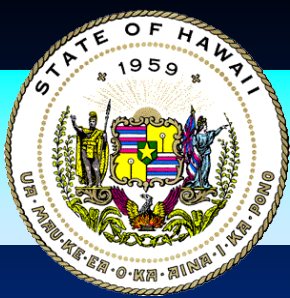
EST. COST

\$38.8 Million

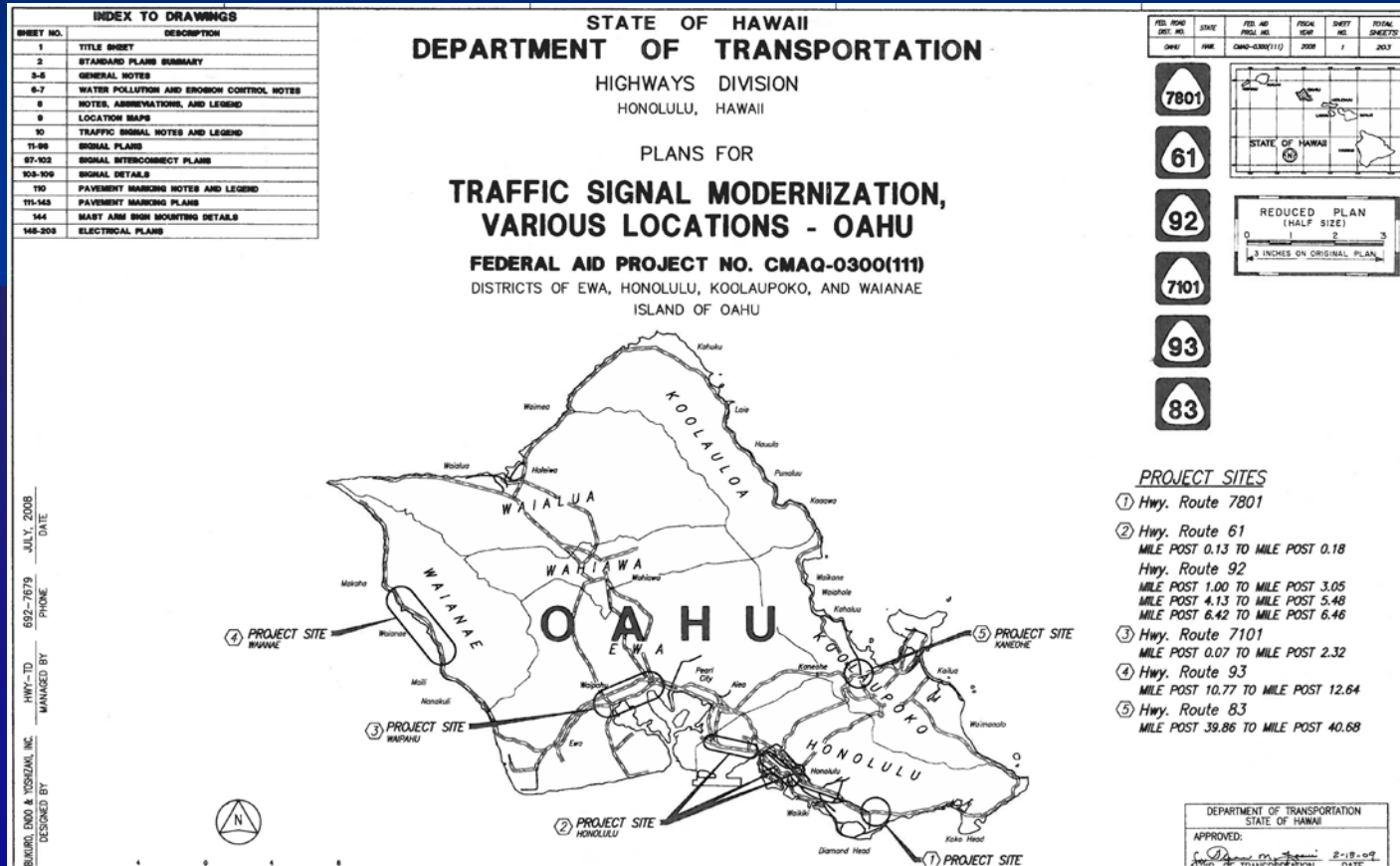
COMPLETION DATE:

June 2014





Traffic Signal Modernization at Various Locations



SCOPE:

Replacing existing traffic signal pullboxes, signal heads w/LED heads, detector loops, etc.

EST.

CONSTRUCTION COST

\$4.5 Million

COMPLETION DATE

April 2013



Liliha Street Traffic Signal at Kukui Street

SCOPE

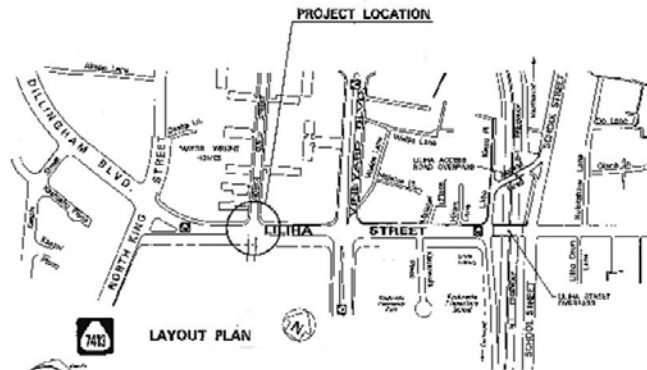
Install a new traffic signal system at Liliha Street.

EST. COST

\$1.3 Million

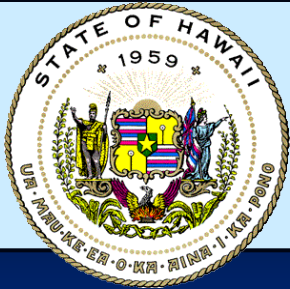
COMPLETION DATE:

Summer 2013

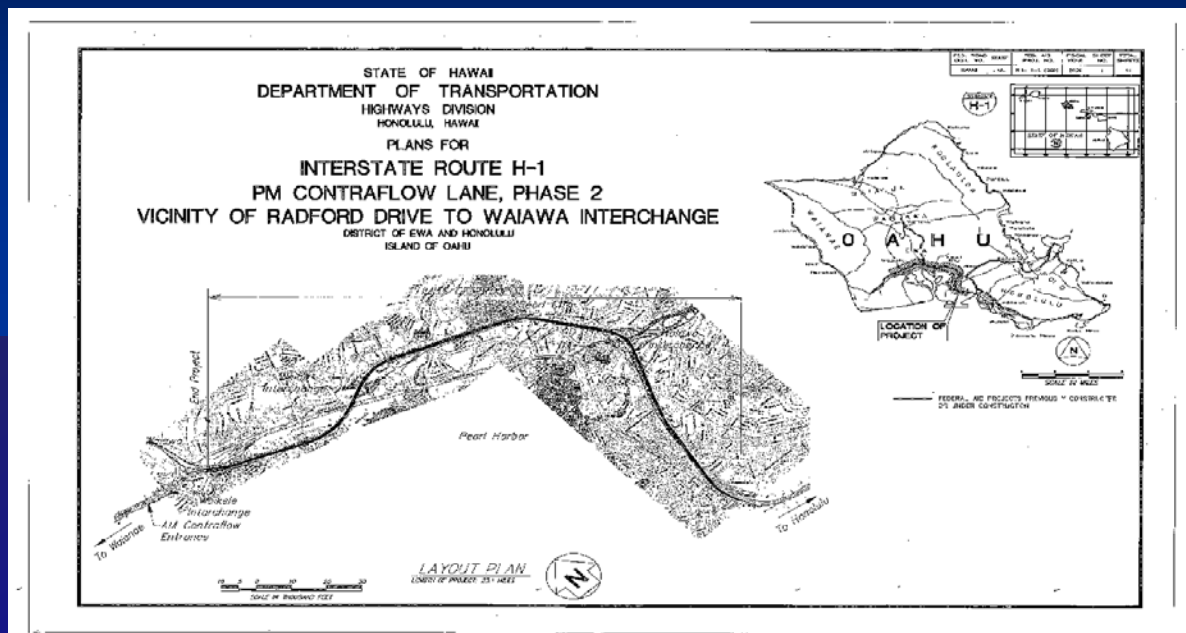


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**LILIHA STREET
TRAFFIC SIGNAL AT KUKUI STREET**
ISLAND OF OAHU





Interstate Route H-1 PM Contraflow Project



SCOPE

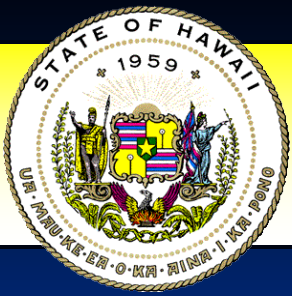
To provide a West-bound afternoon contraflow lane from the Waiawa Interchange to the Pearl Harbor Interchange.

EST. COST

Phase II - \$82 Million

For additional information, questions or comments, please visit our project website at: www.pmcontraflow.com

Or call:
The Deck Repair Hotline:
945-1144

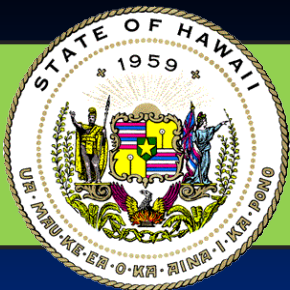


Chinatown/Downtown/Capitol District/Kaka'ako Town Meeting

PRESENTATION AGENDA

■ Upcoming Projects

- Honolulu International Airport Projects
- Honolulu Harbor Kapalama Container Terminal Facility
- Rehabilitate the Interstate H-1 Overpass over Kapalama Canal
- Interstate Route H-1 Rehabilitation, Vicinity of Middle Street to Ward Avenue
- Interstate Route H-1 Airport Viaduct Improvements, Vicinity of Valkenburgh Street to Middle Street
- Pali Highway Resurfacing, Vicinity of Waokanaka Street to Kamehameha Highway and Highway Lighting Replacement, Hairpin turn to Kamehameha Highway
- Vineyard Boulevard Resurfacing, Vicinity of Palama Street to Interstate Route H-1 On and Off Ramp
- Liliha Street Rehabilitation, Vicinity of North King Street to School Street



Honolulu Airport Modernization Program

DESCRIPTION

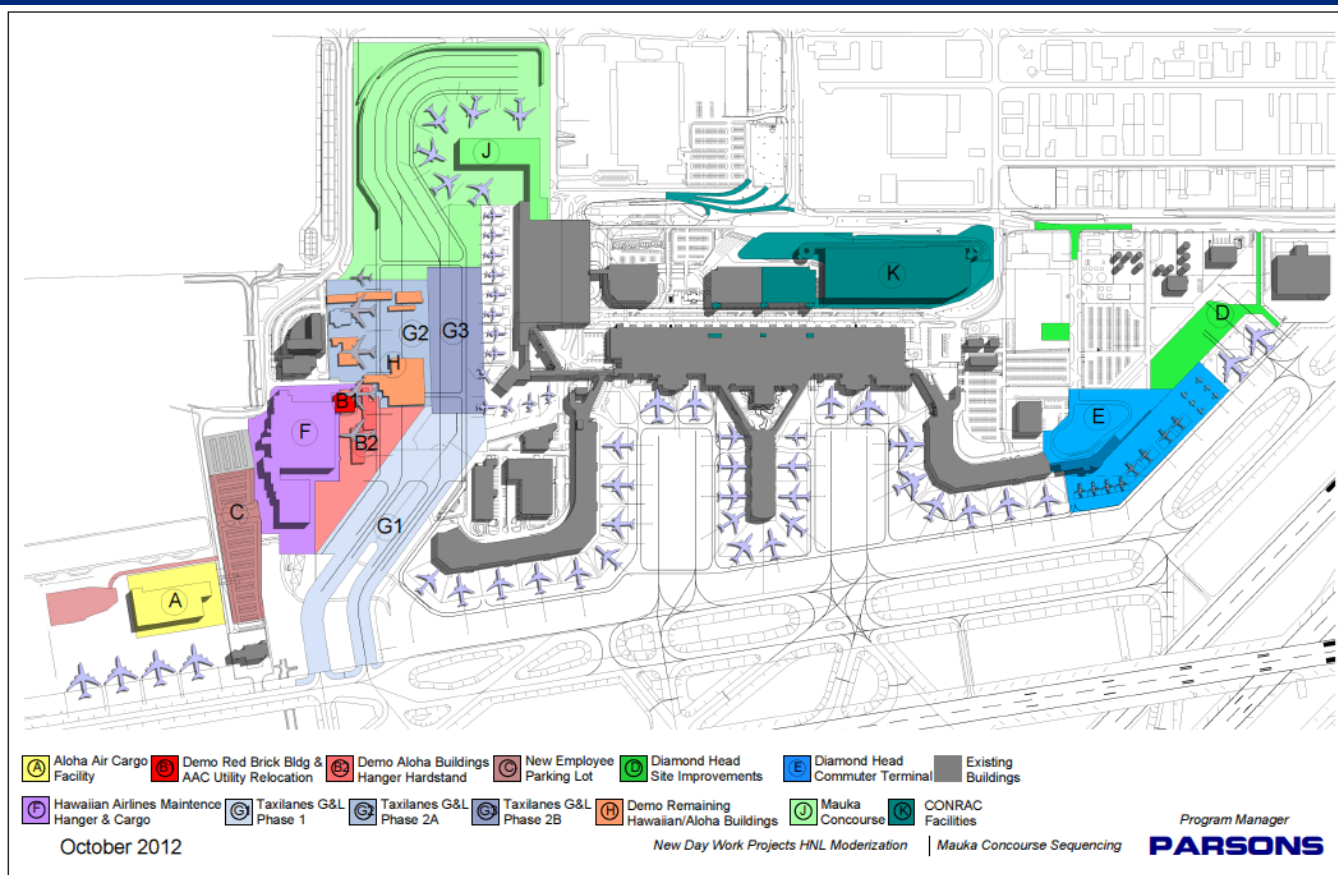
Projects include:

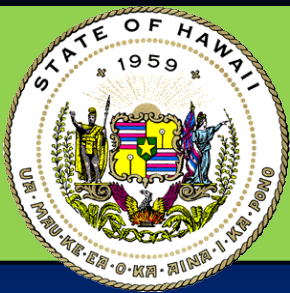
- AQ Cargo (Tenant)
- AQ Cargo Demo Ph. I
- AQ Cargo Demo Ph. II & Hardstand
- New Employee Parking Lot
- DH Commuter Terminal
- HA Maintenance & Cargo
- Taxilanes G& L Widening
- AQ & HA Facilities Demo
- Mauka Concourse
- CONRAC

CONSTRUCTION COST
\$750M

SCHEDULE

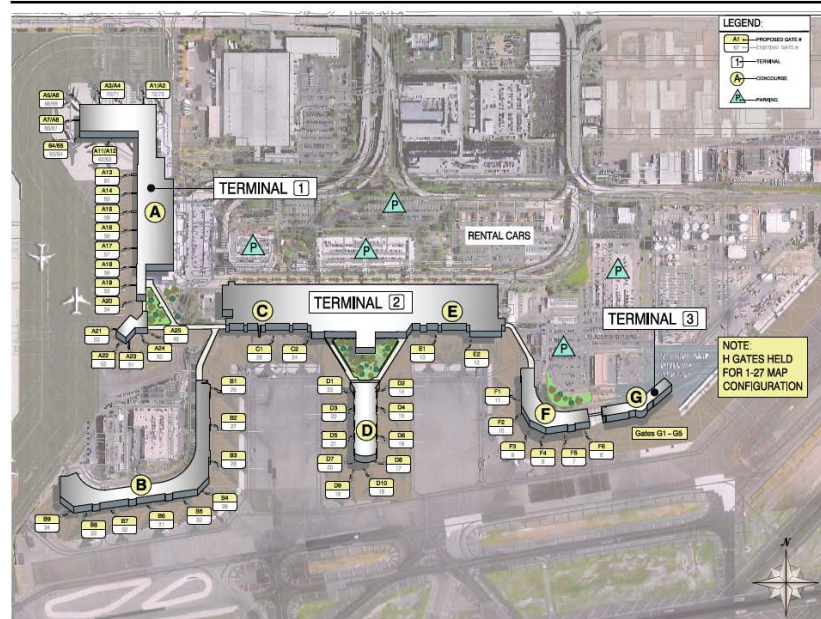
Estimated Start June 2013
Completion June 2017





Honolulu Roadway/Terminal Signage Improvements

SIGNAGE MASTER PLAN - PROPOSED GATE NAMING SCHEME



Honolulu International Airport
Signage Master Plan
Sign Design Concepts

KSF, INC.
KSF, INC.
KSF, INC.

Gate Numbering
1.01

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

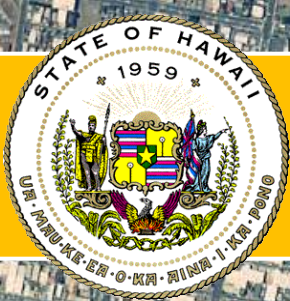
\$22M

SCHEDULE

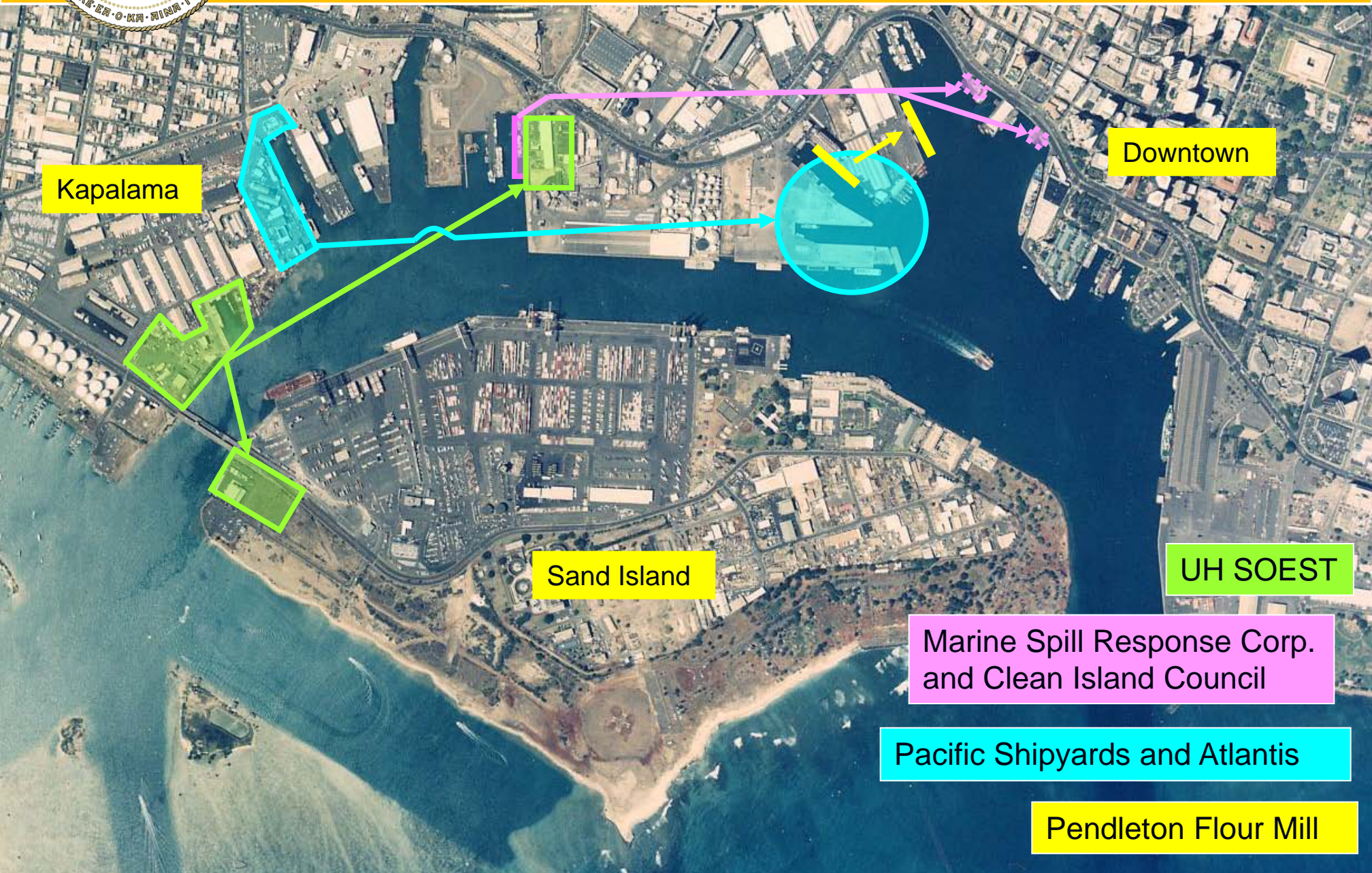
Estimated Start June 2014
Completion June 2015

SIGNAGE MASTER PLAN - PROPOSED BAG CLAIM NAMING SCHEME





MOVES FOR KAPALAMA TERMINAL



Kapalama

Downtown

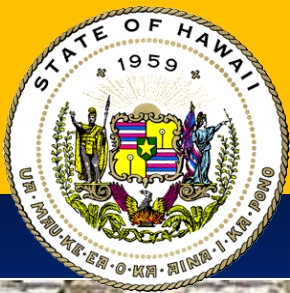
Sand Island

UH SOEST

Marine Spill Response Corp.
and Clean Island Council

Pacific Shipyards and Atlantis

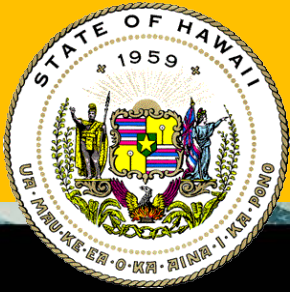
Pendleton Flour Mill



Kapalama Container Terminal EIS, Honolulu Harbor Oahu

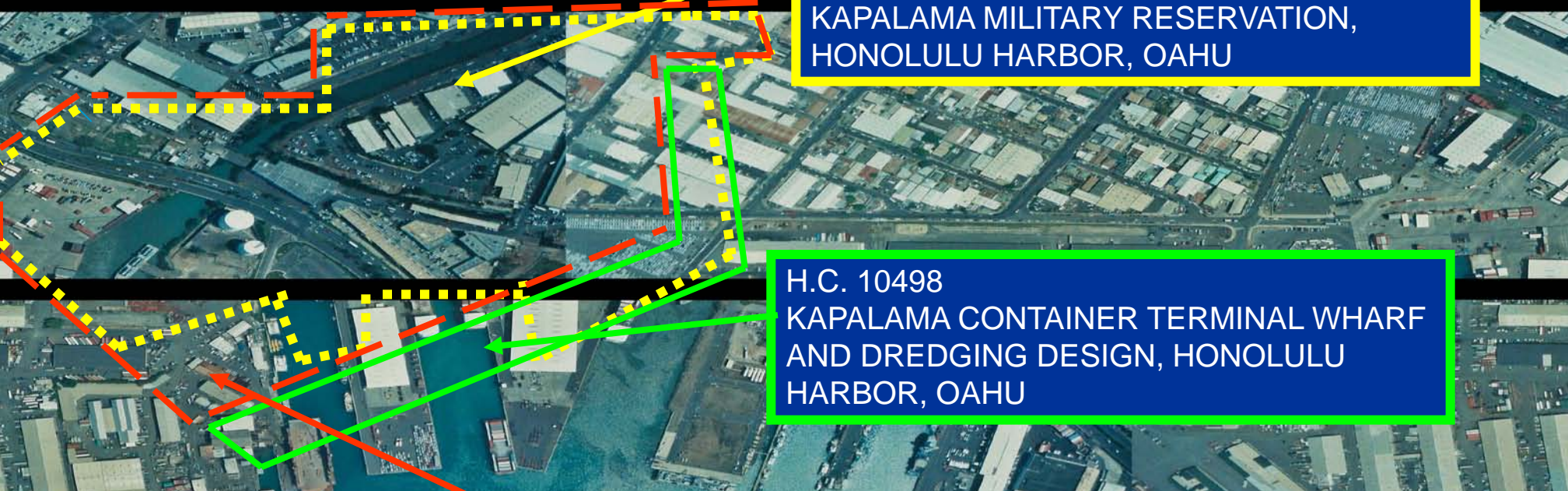
FORMER-KAPALAMA
MILITARY RESERVATION





Kapalama Container Terminal Project

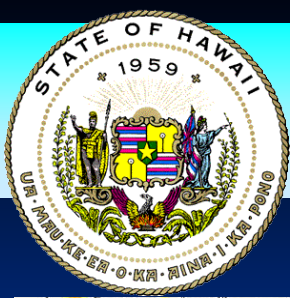
Honolulu Harbor Oahu



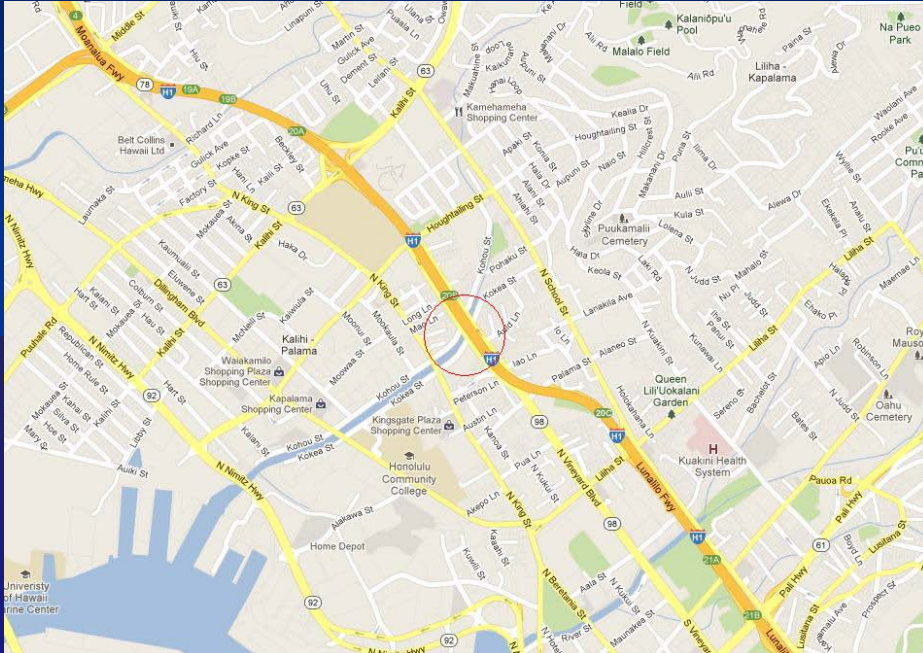
H.C. 10370
DEMOLITION OF STRUCTURES AT THE
KAPALAMA MILITARY RESERVATION,
HONOLULU HARBOR, OAHU

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



Interstate Route H-1 Bridge Rehabilitation Kapalama Canal (Halona Street Bridge)



SCOPE

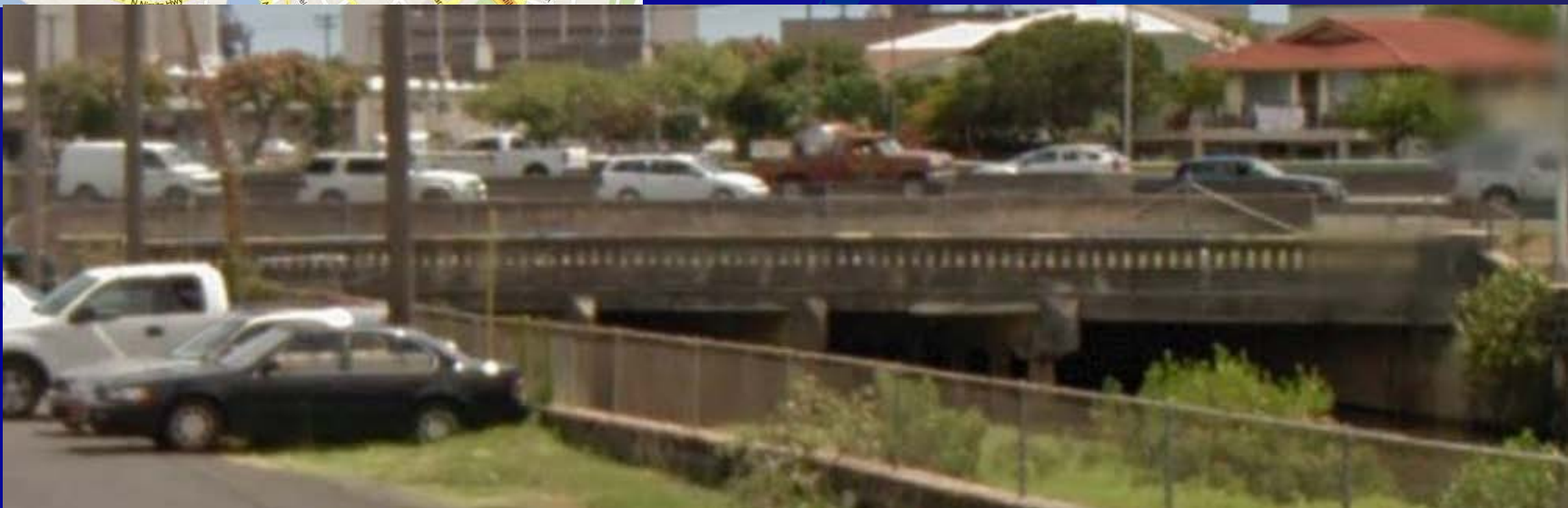
Rehabilitate the Interstate H-1 Overpass over Kapalama Canal.

SCHEDULE

Pending

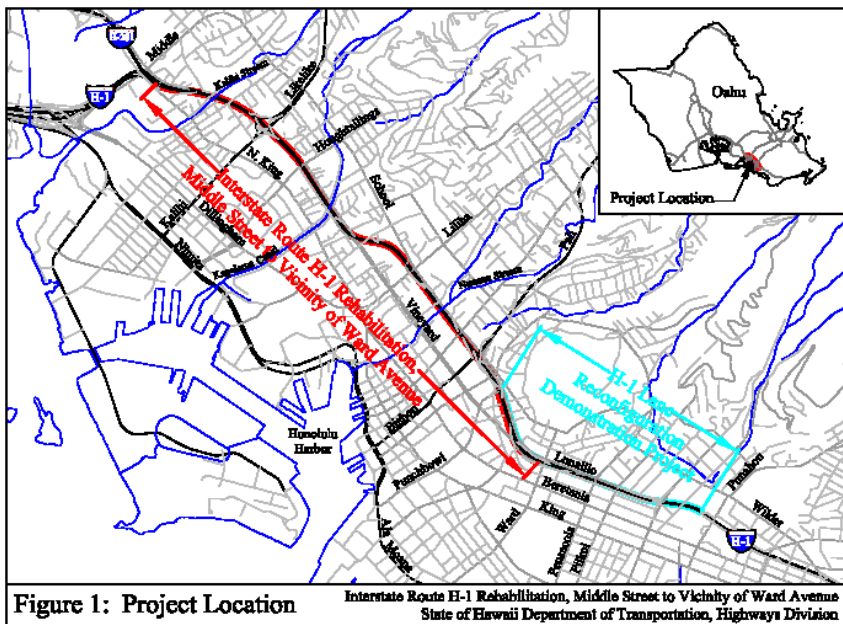
EST. COST

\$6.2 Million





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



SCOPE

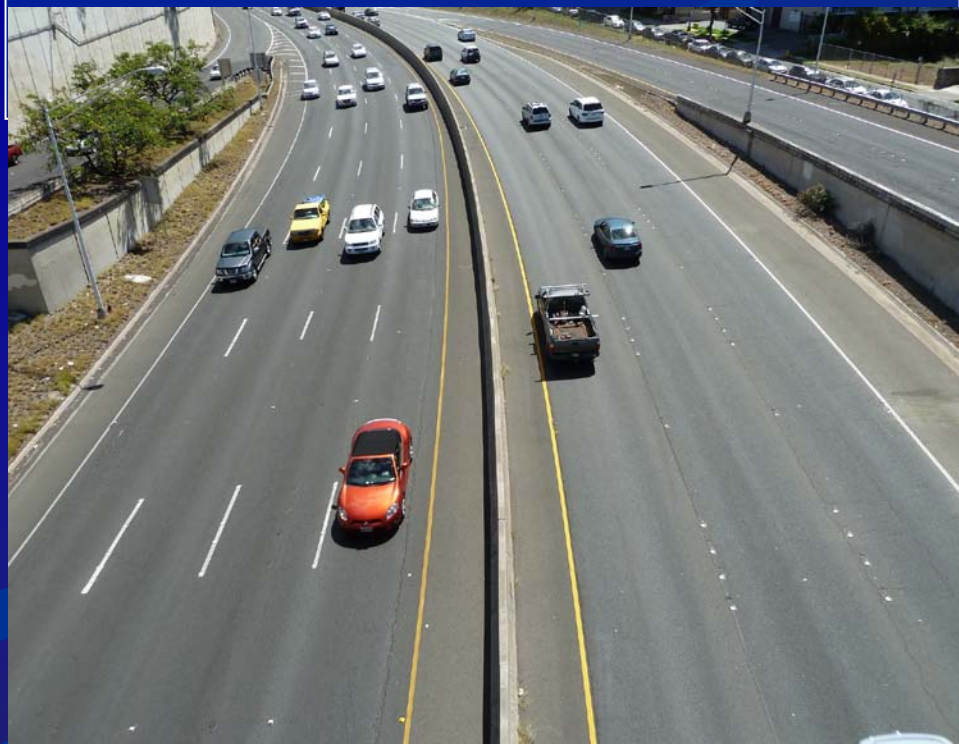
Repair the existing pavement and restripe Interstate Route H-1.

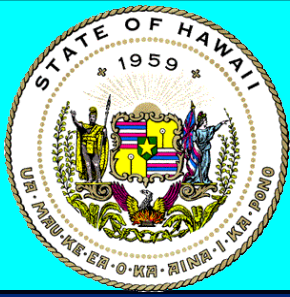
EST. COST

\$40.0 Million

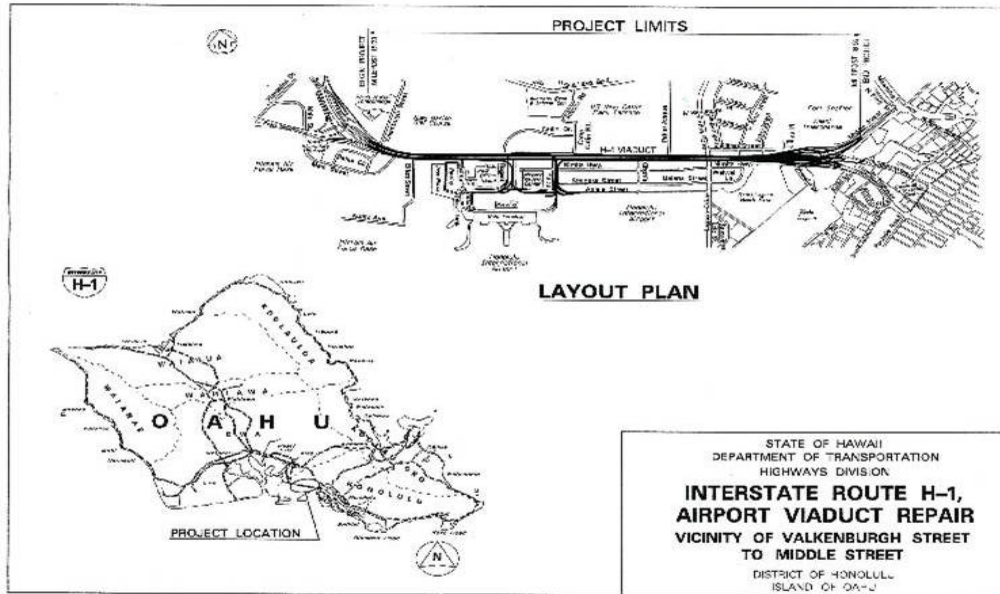
EST. SCHEDULE

Construction Summer 2013





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



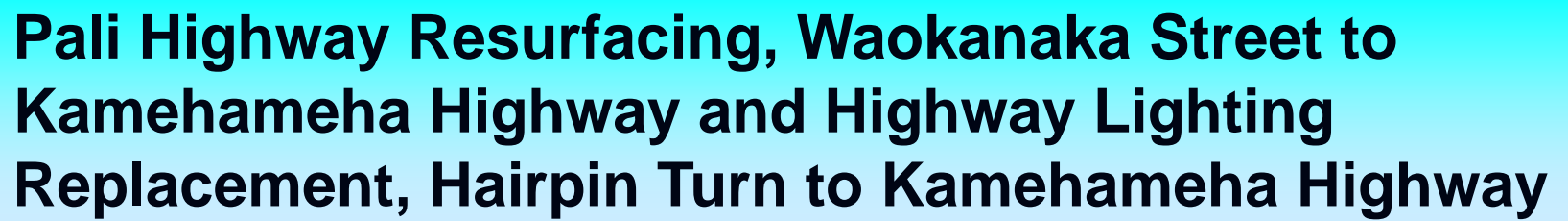
SCOPE

Repair the concrete deck.

EST. COST

\$26 Million





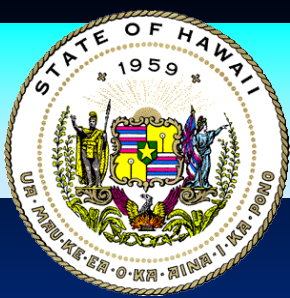
Replace the existing pavement and highway lighting at Pali Highway.

EST. COST

\$17.2 Million

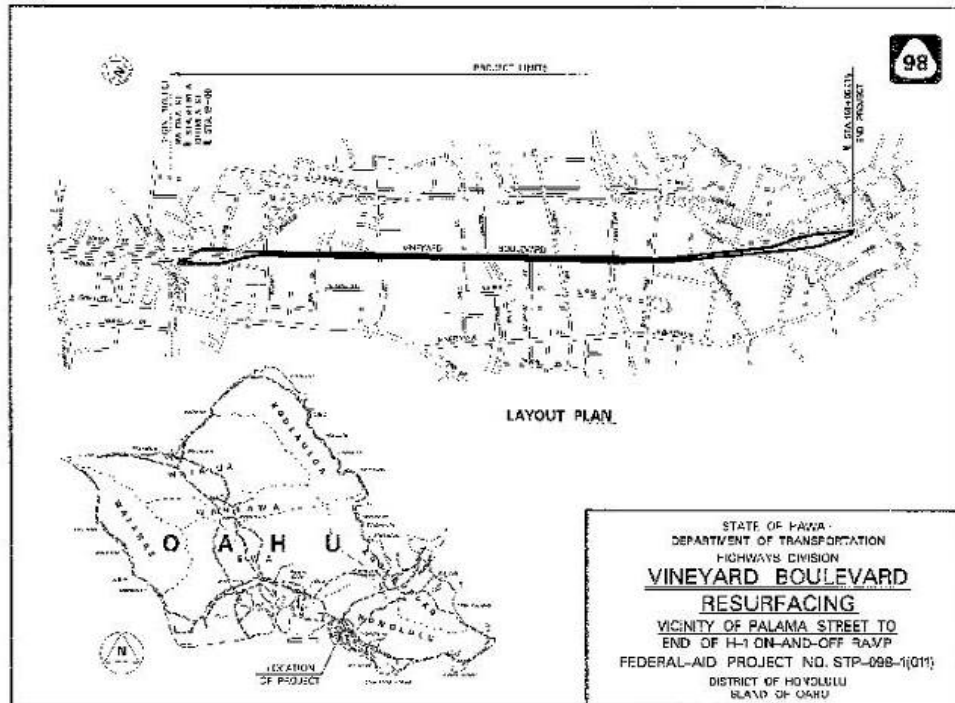
EST. SCHEDULE

Construction Fall 2014



Vineyard Boulevard Resurfacing

Palama Street to H-1 On-and-Off Ramp



SCOPE

Replace the existing pavement at Vineyard Boulevard.

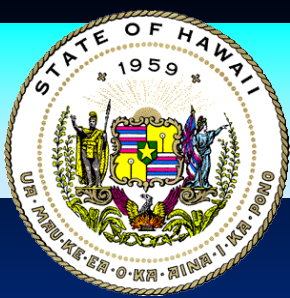
EST. COST

\$8.4 Million

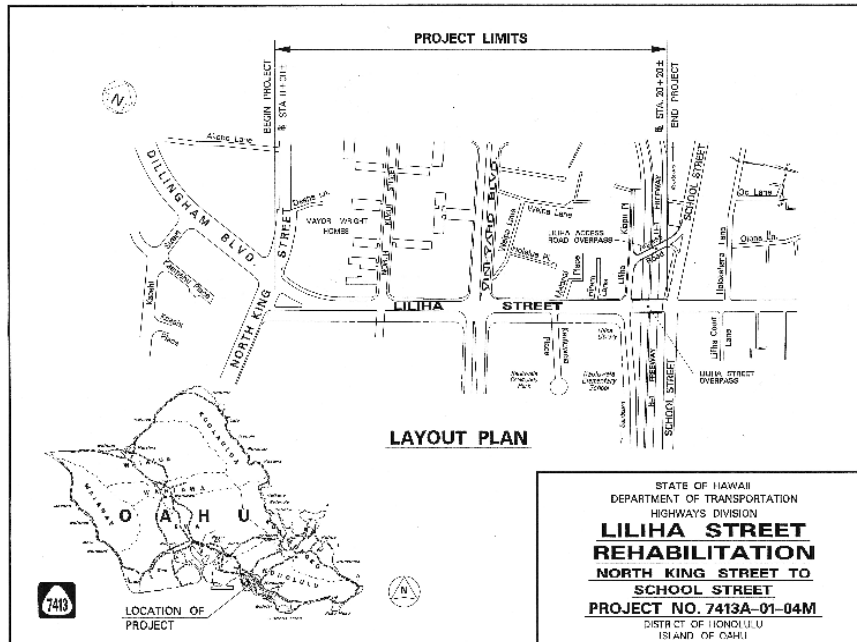
EST. SCHEDULE

Construction Summer 2013





Liliha Street Rehabilitation, North King Street to School Street



SCOPE

Rehabilitate the existing pavement at Liliha Street.

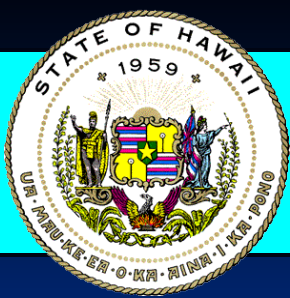
EST. COST

\$4.0 Million

EST. SCHEDULE

Construction Fall 2013





Freeway Management System



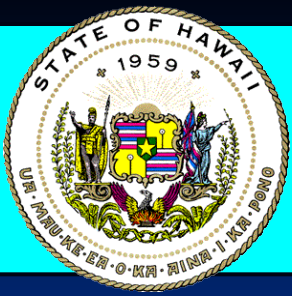
SCOPE

Three goals for HDOT's ITS program:

1. Implement an interagency incident management program
2. Provide advanced traveler information
3. Expand ITS Statewide

EST. COST

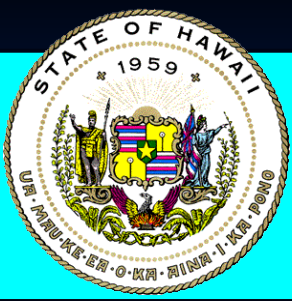
\$ 200 M



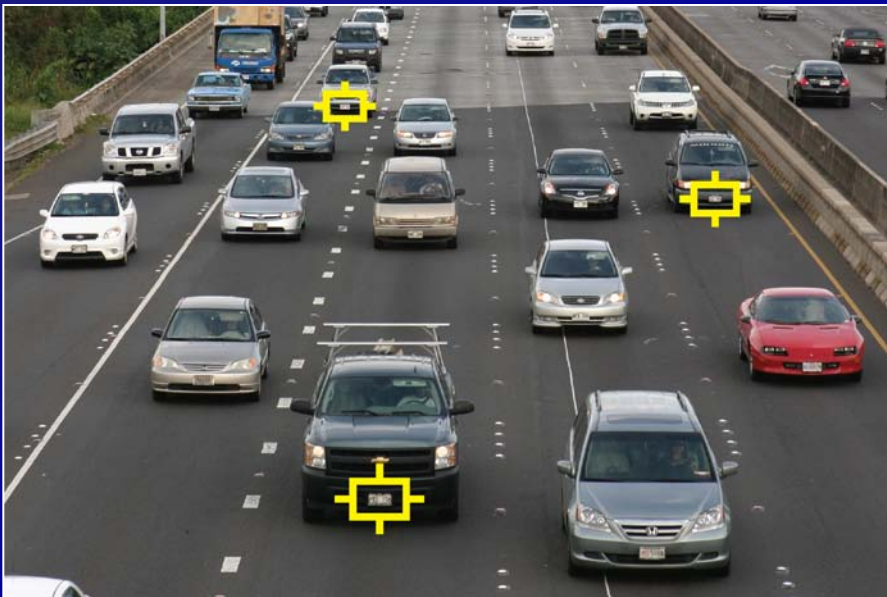
GoAkamai Advanced Traveler Information System – www.goakamai.org



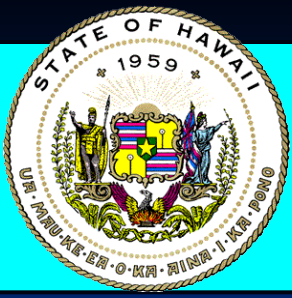
- Launched August 2010
- Provides 24/7 traffic congestion info for Oahu freeways
- Uses 73 doppler radar stations for real-time traffic flow data
- Links over 200 traffic cameras for on-site snapshots
- Connects to bus transit, carpooling, roadwork, Freeway Service Patrol & other resources



GoAkamai Advanced Traveler Information System – Travel Time Generation System



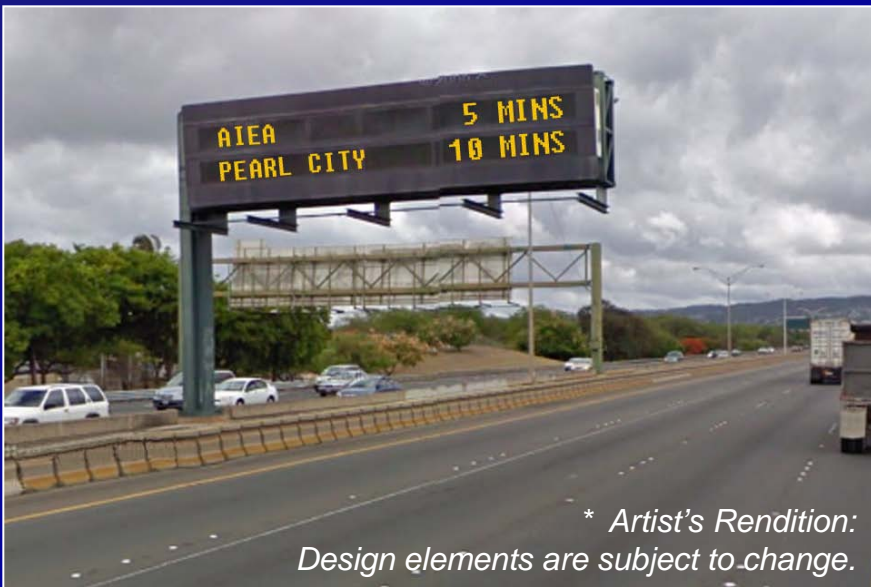
- Installation of 48 freeway traffic speed-monitoring cameras in-progress
- Uses digital cameras to track random vehicle license plates
- License plate info is truncated, encrypted, calculated & deleted, no data is stored
- Provides accurate travel times between given points
- Similar systems used across US



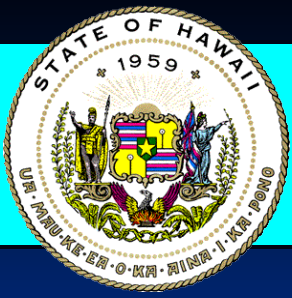
GoAkamai Advanced Traveler Information System – 511 Phone Hotline, Highway Signs



Traffic, Travel and Transit Info

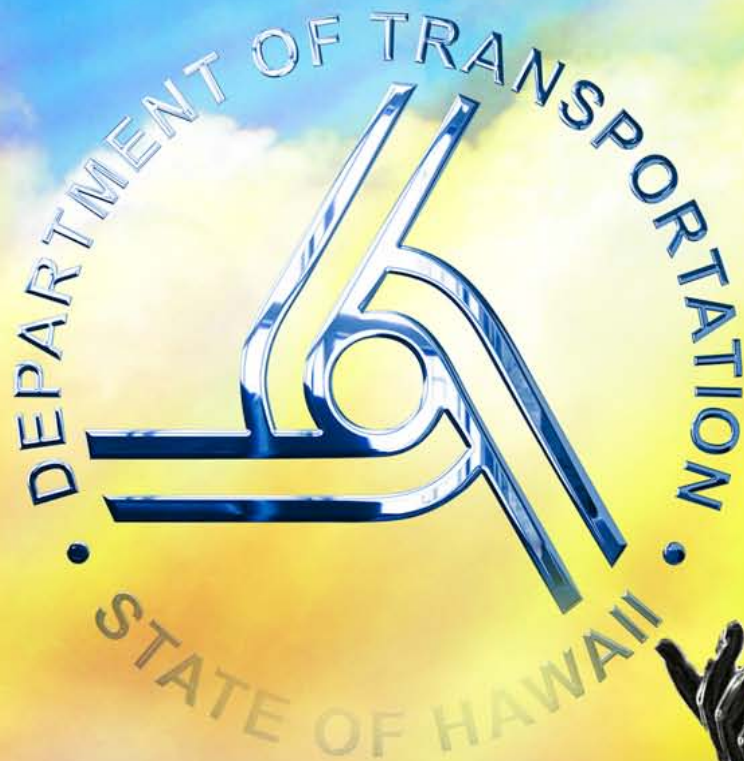


- 511 automated phone system
- Highway electronic messageboards
- Gives motorists real-time traffic info via phone, internet & signs
- Info will also be used by TV newscasts & radio traffic reports
- Anticipated completion for 511 system is Summer 2013.



Highway Maintenance **CONTACT INFORMATION**

- **Report Potholes, Graffiti, Hazards**
 - Highways Division Maintenance Hotline: 831-6714
- **Questions & Concerns**
 - DOT Community Affairs Office: 587-2160
 - E-mail: dotpao@hawaii.gov



NEW DAY IN HAWAII

MAHALO AND ALOHA