

# NEW DAY IN HAWAII

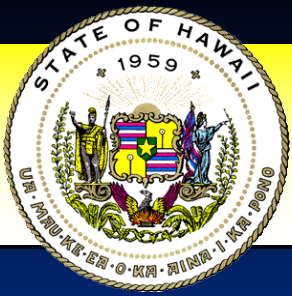


STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION

## Nuuanu/Kalihi/Liliha Town Meeting

Director Glenn Okimoto

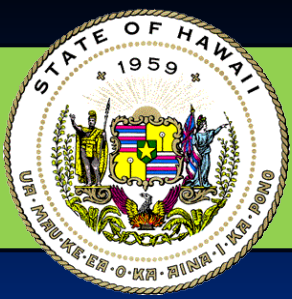
February 27, 2013



## Nuuanu/Kalihi/Liliha Town Meeting **PRESENTATION AGENDA**

### ■ **Current Project Updates**

- Honolulu International Airport – Emergency Power Facility
- 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



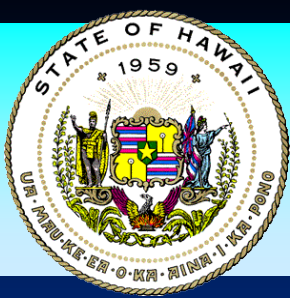
## **DESCRIPTION**

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.

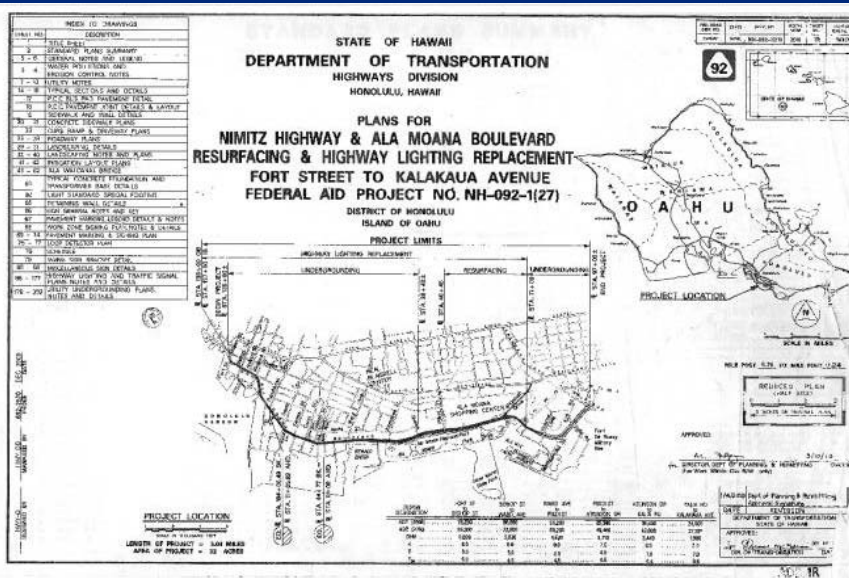
## **CONSTRUCTION COST**

\$20M

**SCHEDULE** - Ongoing  
Est. Completion June 2013



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





STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION

# PLANS FOR TRAFFIC SIGNAL MODERNIZATION, VARIOUS LOCATIONS - OAHU

The map shows the island of Oahu with its major roads and geographical features. The project sites are marked with numbered circles and labels:

- 1. PROJECT SITE KANEOHE (near Kaneohe)
- 2. PROJECT SITE HONOLULU (near Honolulu)
- 3. PROJECT SITE WAI'ANAE (near Wai'anae)
- 4. PROJECT SITE WAI'ANAE (near Wai'anae)
- 5. PROJECT SITE KANEOHE (near Kaneohe)
- 6. PROJECT SITE HONOLULU (near Honolulu)
- 7. PROJECT SITE HONOLULU (near Honolulu)



# Liliha Street Traffic Signal at Kukui Street

## **SCOPE**

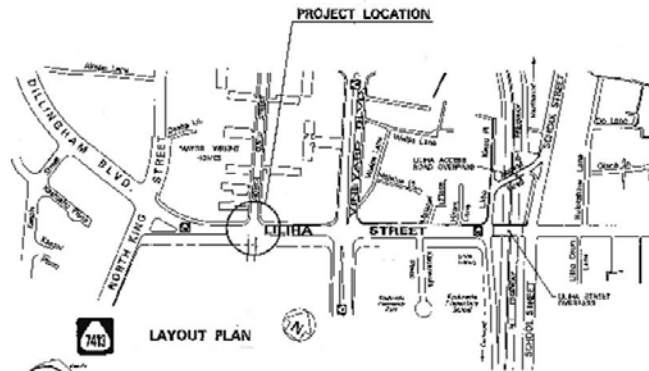
Install a new traffic signal system at Liliha Street.

## **EST. COST**

\$1.3 Million

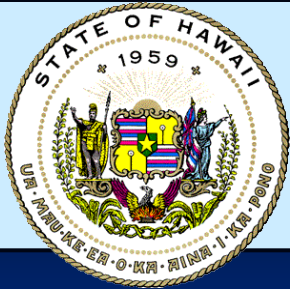
## **COMPLETION DATE:**

Summer 2013

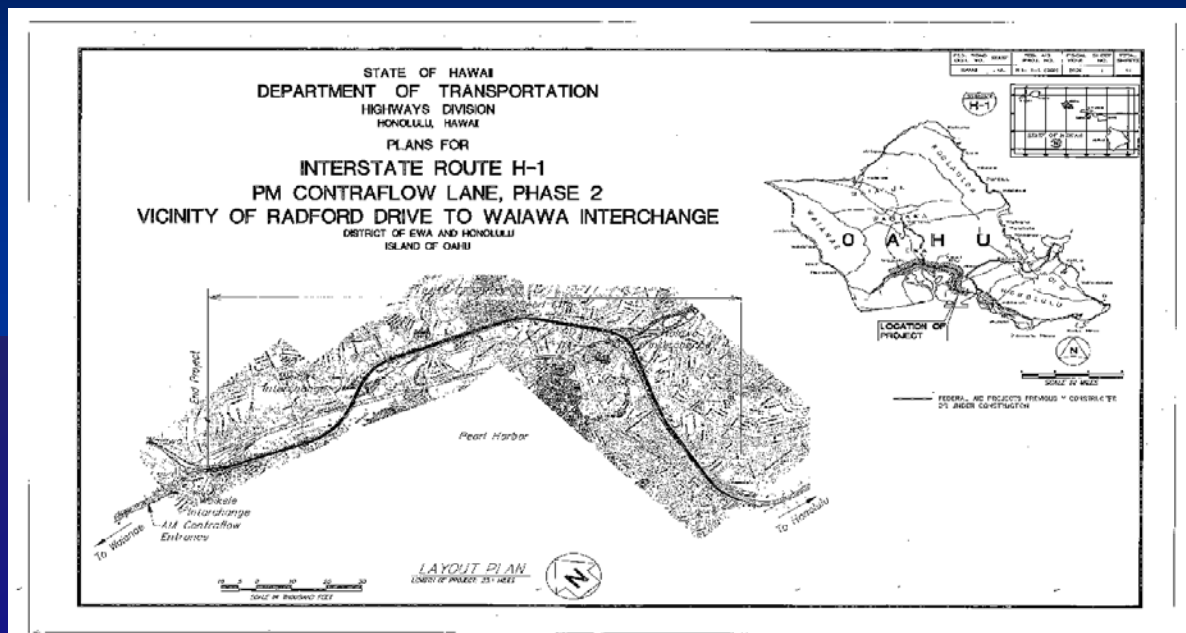


STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**LILIHA STREET  
TRAFFIC SIGNAL AT KUKUI STREET**  
ISLAND OF OAHU





# Interstate Route H-1 PM Contraflow Project



## **SCOPE**

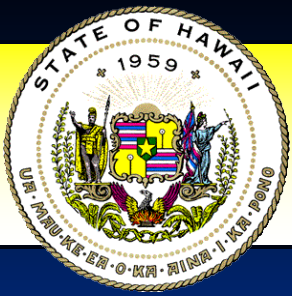
To provide a West-bound afternoon contraflow lane from the Waiawa Interchange to the Pearl Harbor Interchange.

## **EST. COST**

Phase II - \$82 Million

For additional information, questions or comments, please visit our project website at: [www.pmcontraflow.com](http://www.pmcontraflow.com)

Or call:  
The Deck Repair Hotline:  
945-1144

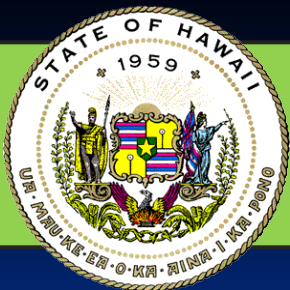


# Nuuanu/Kalihi/Liliha Town Meeting

## 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

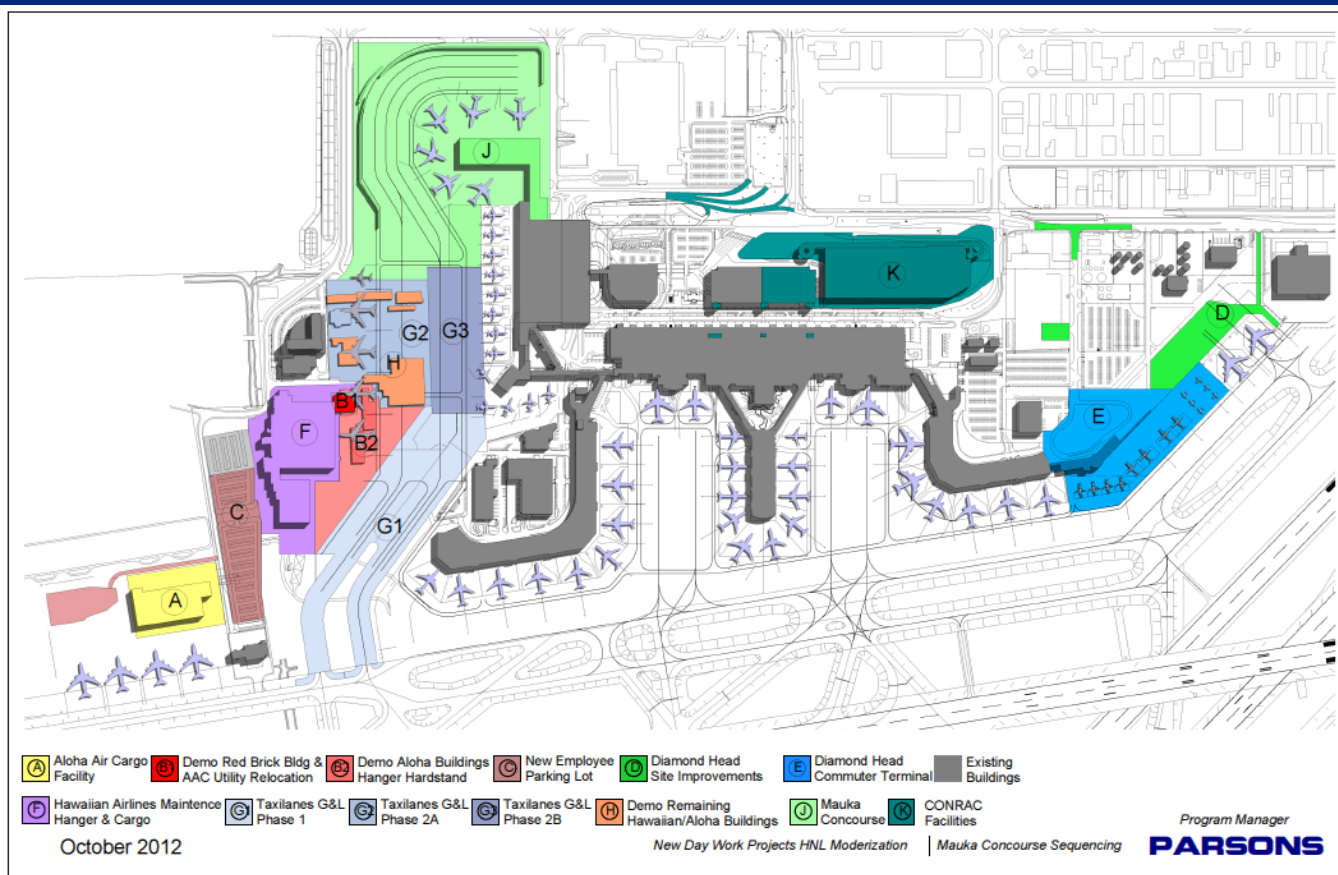
Projects include:

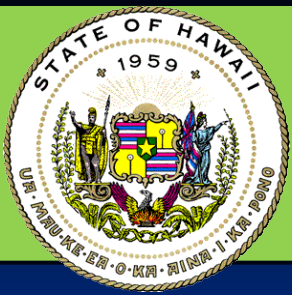
- AQ Cargo (Tenant)
- AQ Cargo Demo Ph. I
- AQ Cargo Demo Ph. II & Hardstand
- New Employee Parking Lot
- DH Commuter Terminal
- HA Maintenance & Cargo
- Taxilanes G& L Widening
- AQ & HA Facilities Demo
- Mauka Concourse
- CONRAC

**CONSTRUCTION COST**  
\$750M

## SCHEDULE

Estimated Start June 2013  
Completion June 2017





# Honolulu Roadway/Terminal Signage Improvements

## DESCRIPTION

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

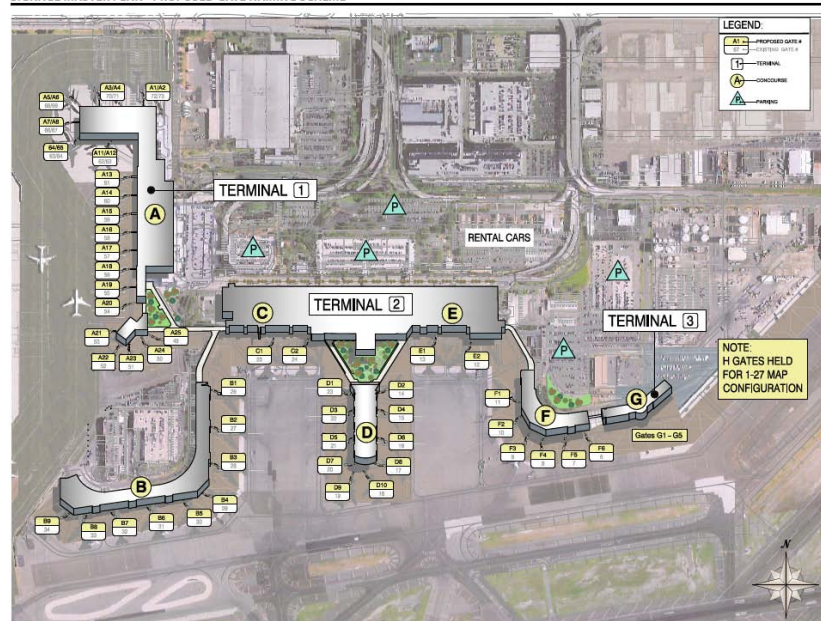
## CONSTRUCTION COST

\$22M

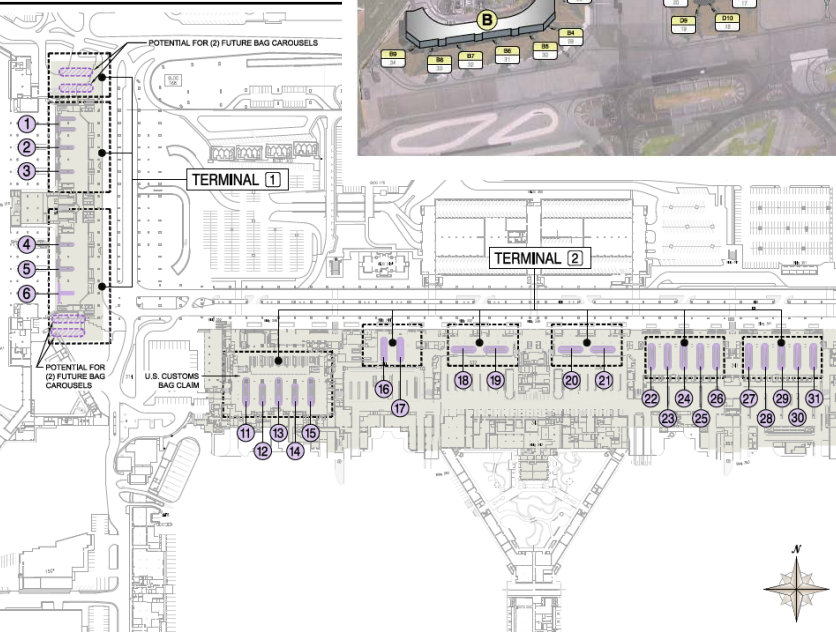
## SCHEDULE

Estimated Start June 2014  
Completion June 2015

SIGNAGE MASTER PLAN - PROPOSED GATE NAMING SCHEME



SIGNAGE MASTER PLAN - PROPOSED BAG CLAIM NAMING SCHEME

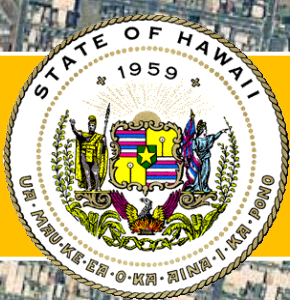




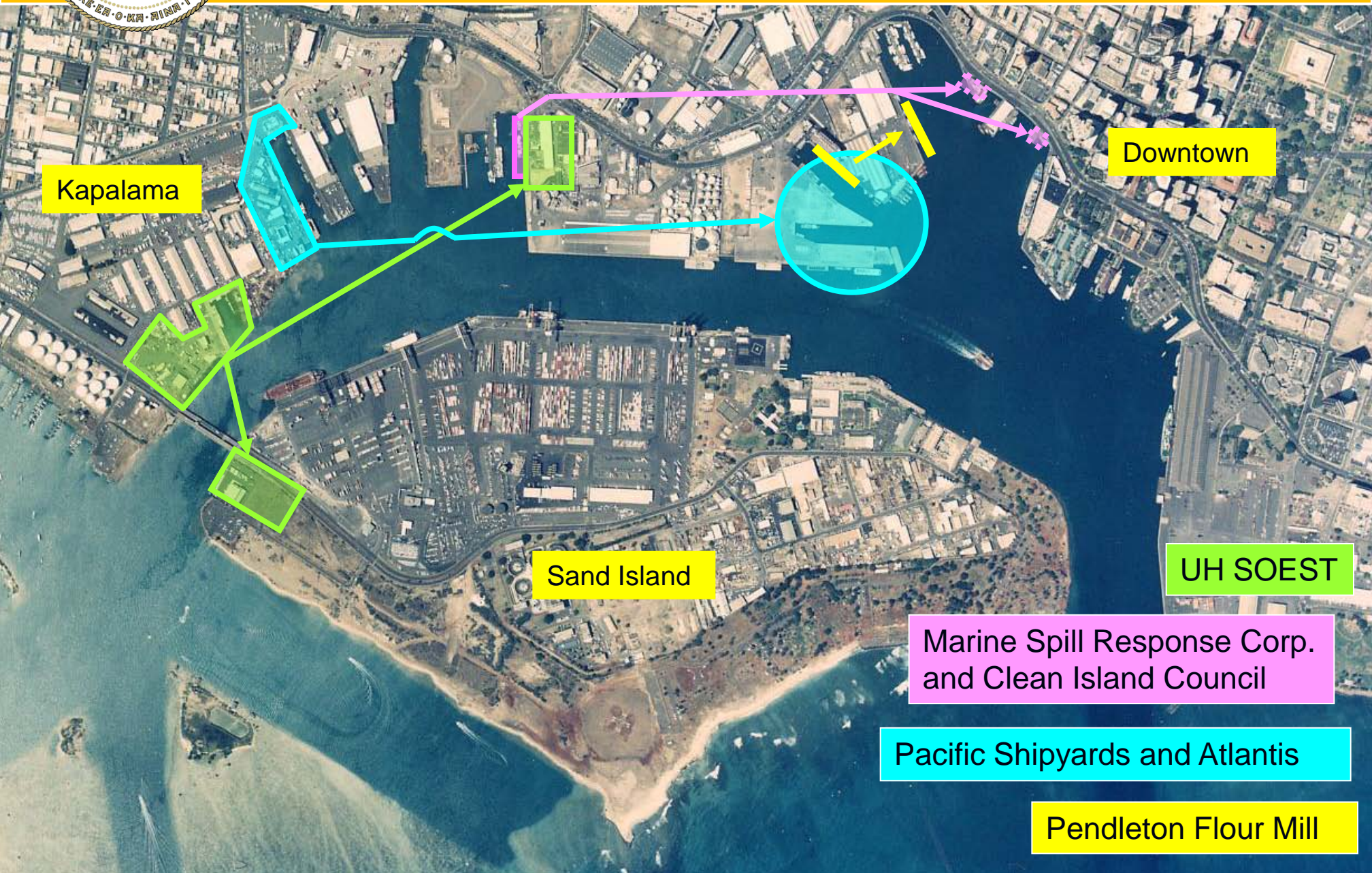
Roadway improvements to mitigate roadway congestion, including installation of traffic signals at bottom of H-1 off ramps; Upgrade elevators and demolition of gas station.

\$7.9M

Start Dec 2012  
Est. Completion June  
2013



# MOVES FOR KAPALAMA TERMINAL



Kapalama

Downtown

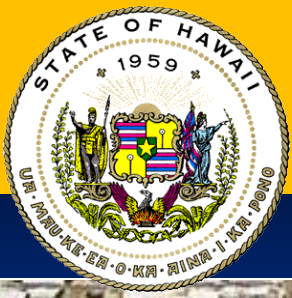
Sand Island

UH SOEST

Marine Spill Response Corp.  
and Clean Island Council

Pacific Shipyards and Atlantis

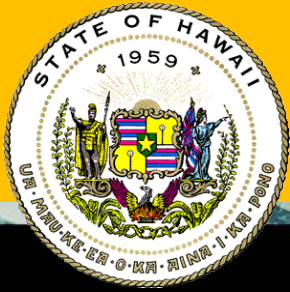
Pendleton Flour Mill



# Kapalama Container Terminal EIS, Honolulu Harbor Oahu

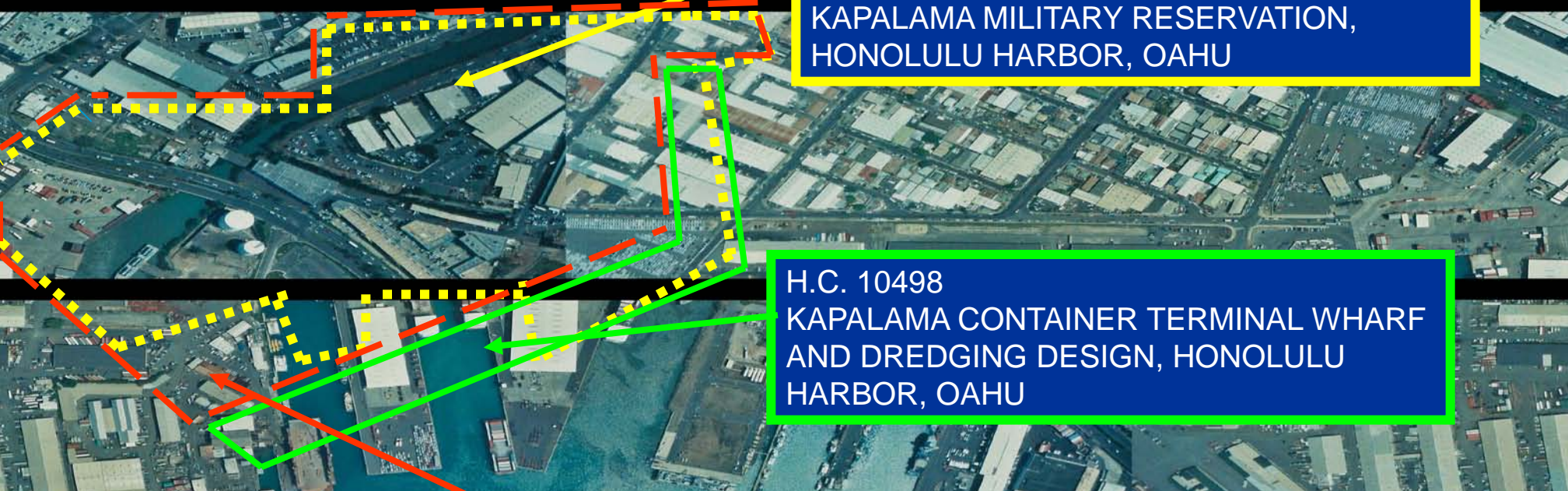
FORMER-KAPALAMA  
MILITARY RESERVATION





# Kapalama Container Terminal Project

## Honolulu Harbor Oahu



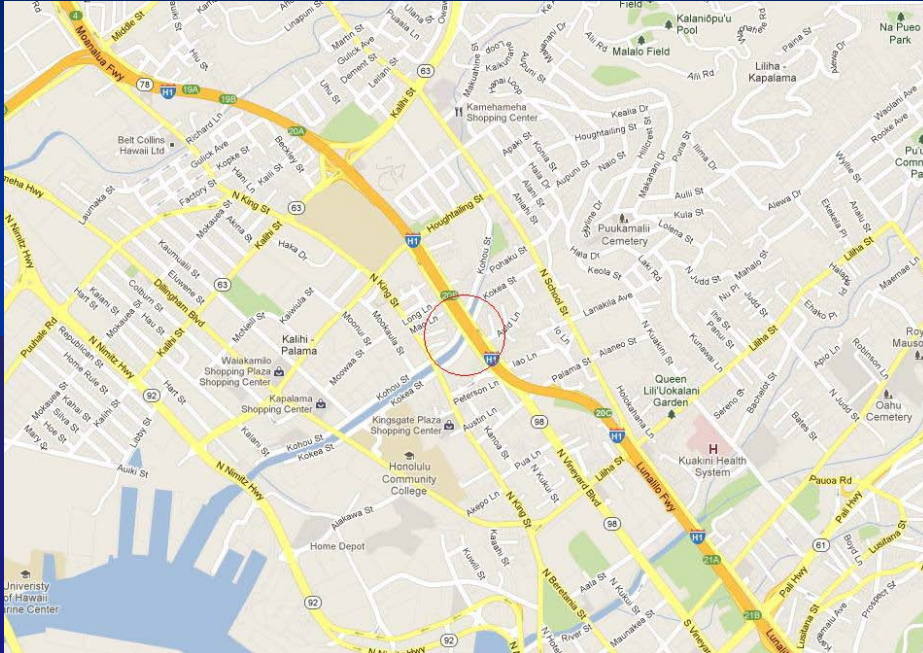
H.C. 10370  
DEMOLITION OF STRUCTURES AT THE  
KAPALAMA MILITARY RESERVATION,  
HONOLULU HARBOR, OAHU

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.

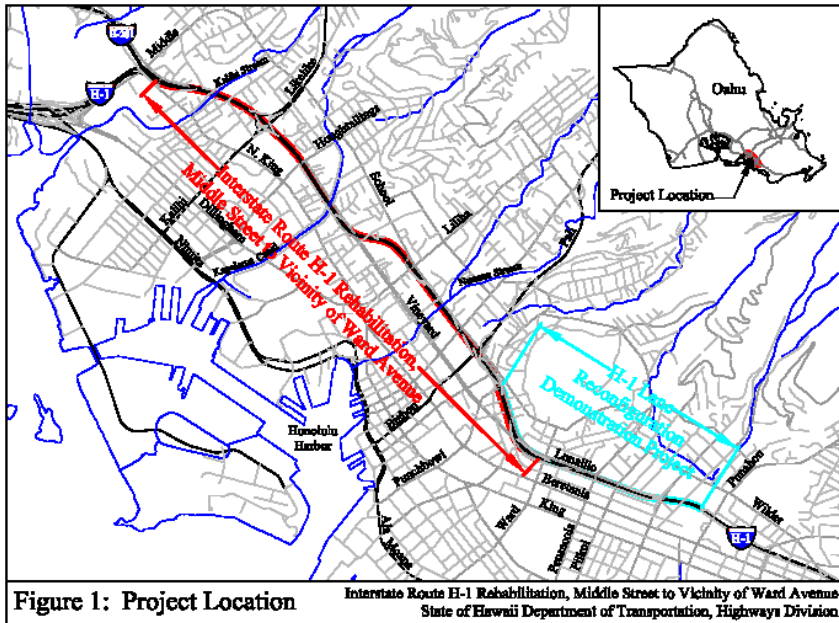
## **SCHEDULE**

Pending

## **EST. COST**

\$6.2 Million





## SCOPE

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

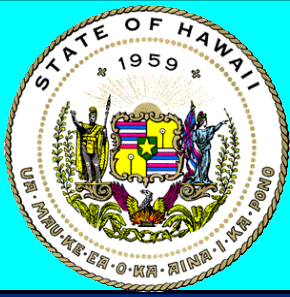
**EST. COST**

# \$40.0 Million

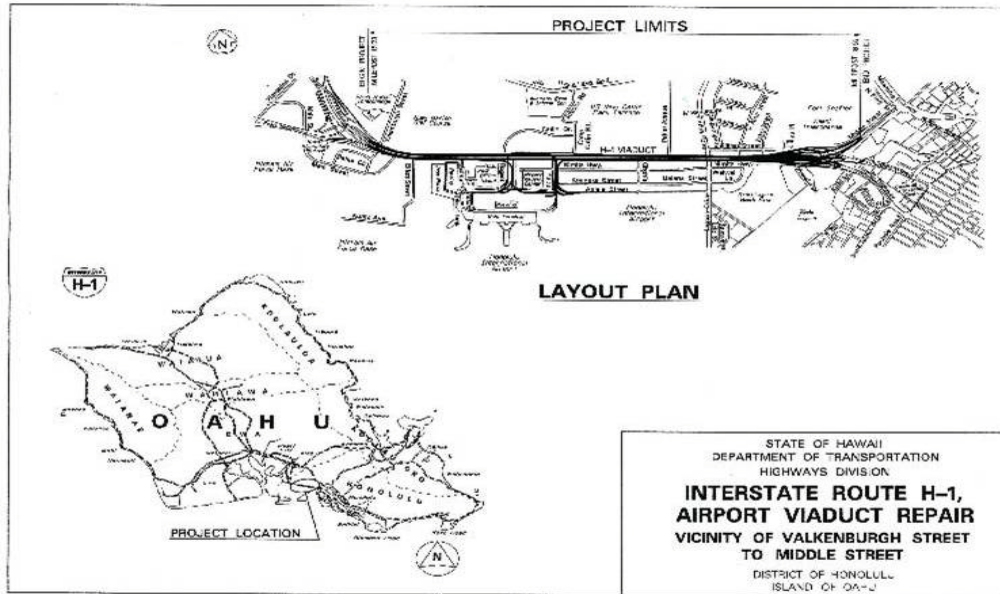
## EST. SCHEDULE

# Construction Summer 2013





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



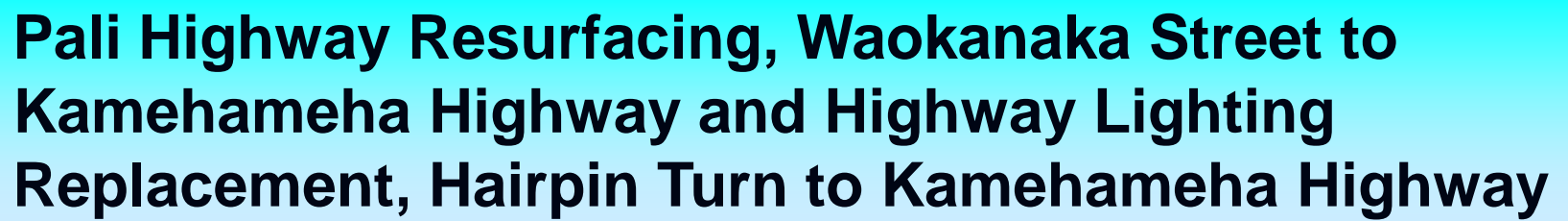
## *SCOPE*

Repair the concrete deck.

## *EST. COST*

\$26 Million





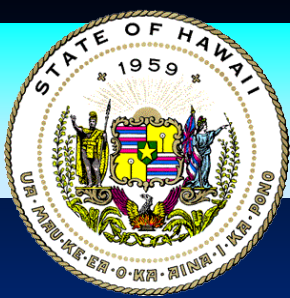
## Replace the existing pavement and highway lighting at Pali Highway.

**EST. COST**

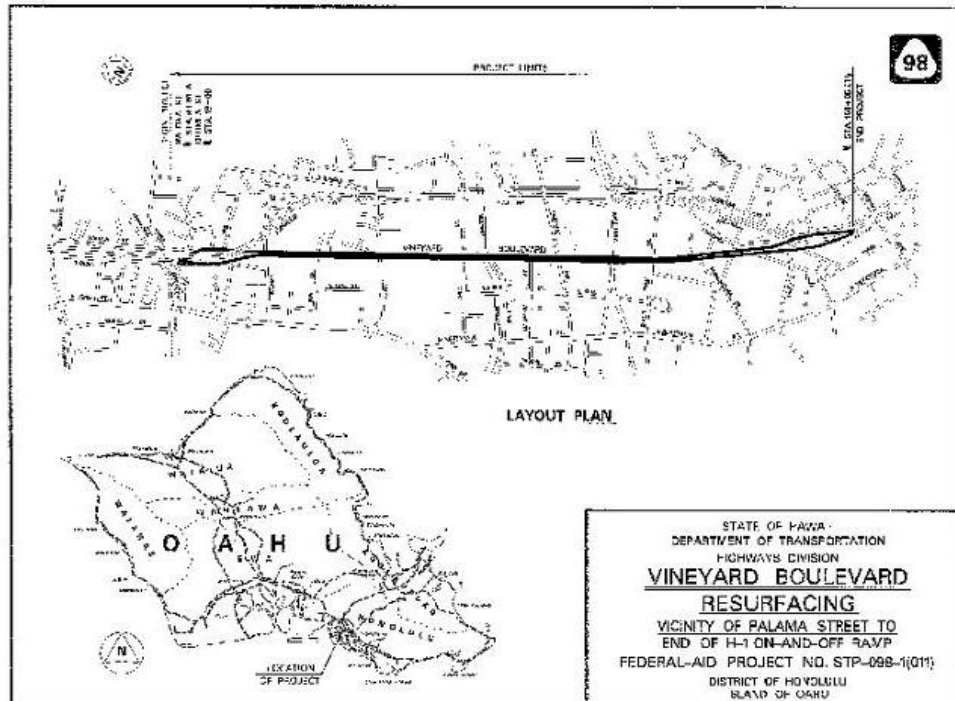
# \$17.2 Million

## 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.

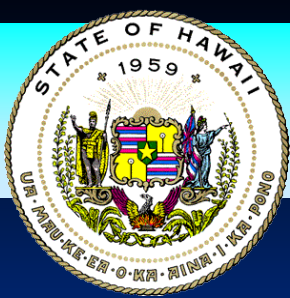
## **EST. COST**

\$8.4 Million

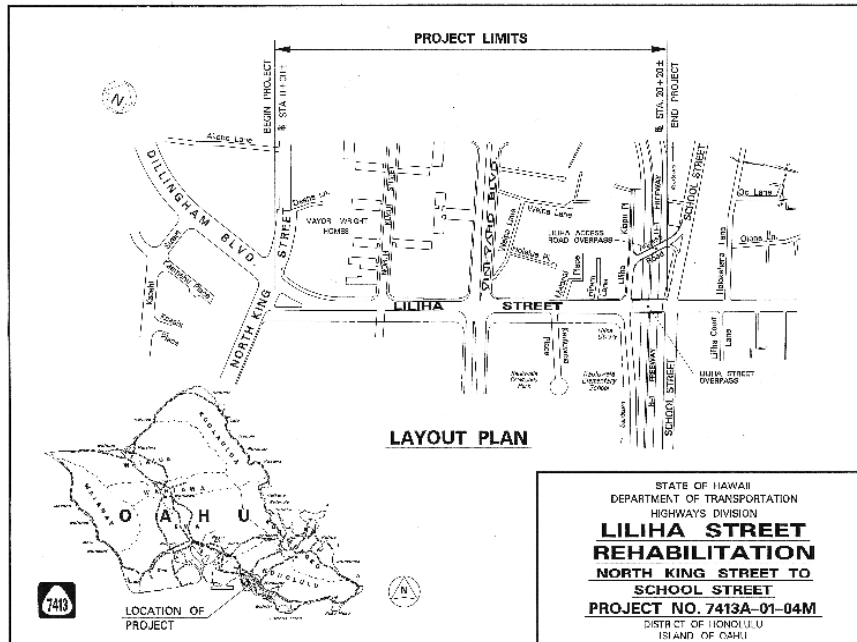
## **EST. SCHEDULE**

Construction Summer 2013





# Liliha Street Rehabilitation, North King Street to School Street



## **SCOPE**

Rehabilitate the existing pavement at Liliha Street.

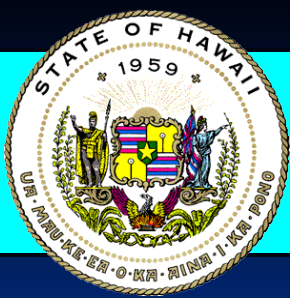
## **EST. COST**

\$4.0 Million

## **EST. SCHEDULE**

Construction Fall 2013





# Freeway Management System



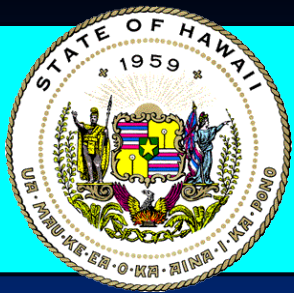
## *SCOPE*

Three goals for HDOT's ITS program:

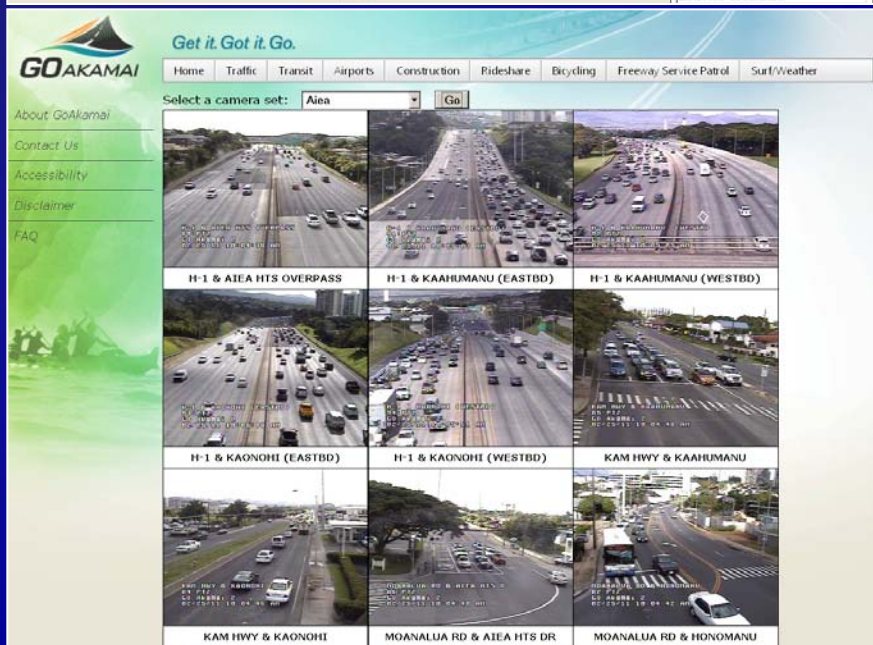
1. Implement an interagency incident management program
2. Provide advanced traveler information
3. Expand ITS Statewide

## *EST. COST*

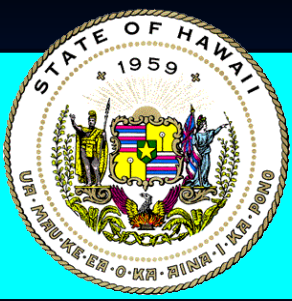
\$ 200 M



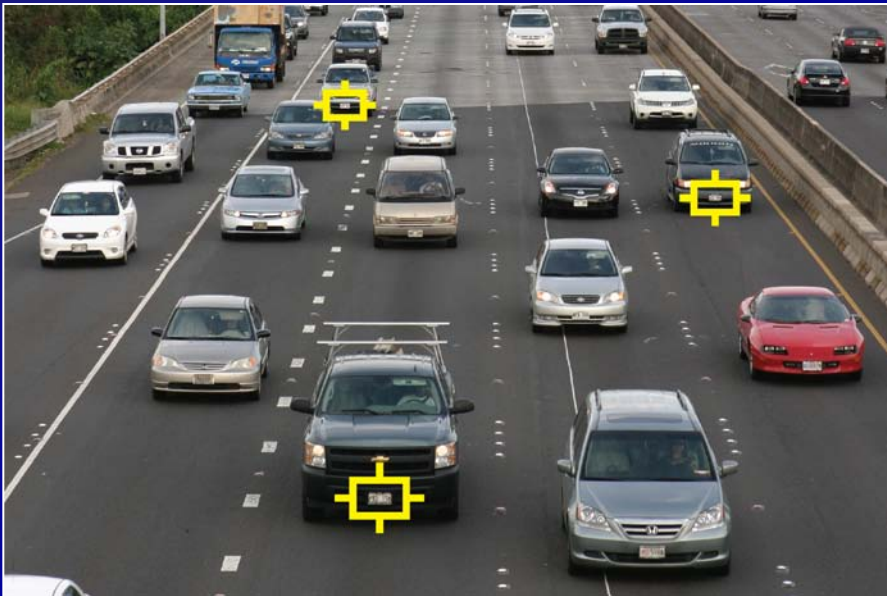
# GoAkamai Advanced Traveler Information System – [www.goakamai.org](http://www.goakamai.org)



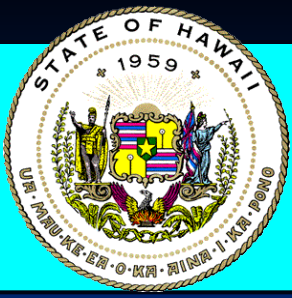
- Launched August 2010
- Provides 24/7 traffic congestion info for Oahu freeways
- Uses 73 doppler radar stations for real-time traffic flow data
- Links over 200 traffic cameras for on-site snapshots
- Connects to bus transit, carpooling, roadwork, Freeway Service Patrol & other resources



# 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

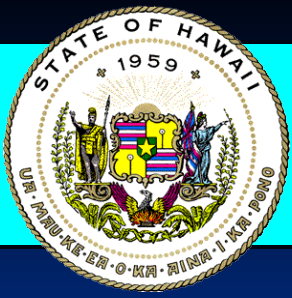


***Traffic, Travel and Transit Info***



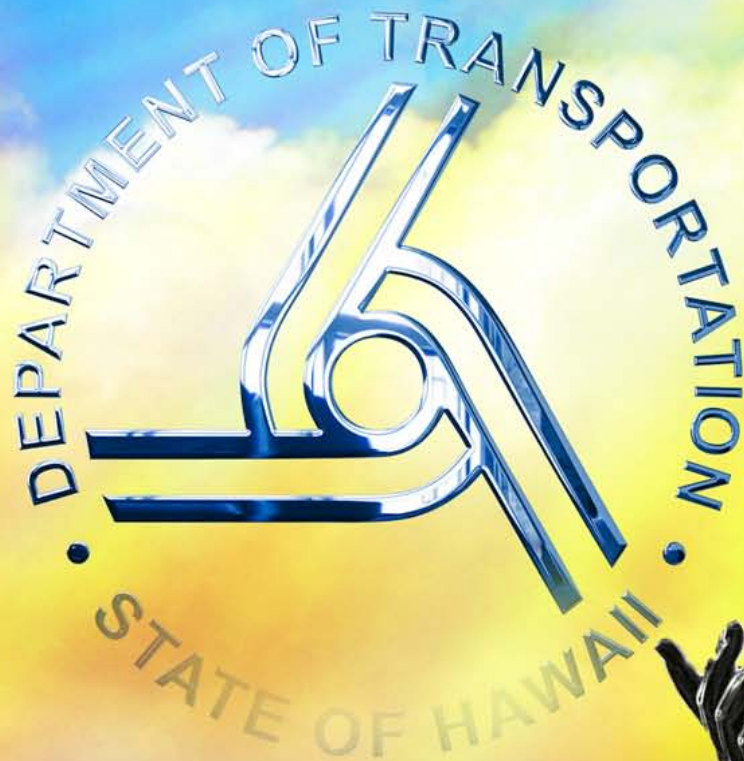
*\* Artist's Rendition:  
Design elements are subject to change.*

- 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 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](mailto:dotpao@hawaii.gov)



NEW DAY IN HAWAII

MAHALO AND ALOHA