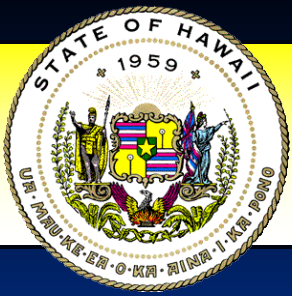


NEW DAY IN HAWAII



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
Aiea-Pearl City Town Meeting
Director Glenn Okimoto
January 17, 2013

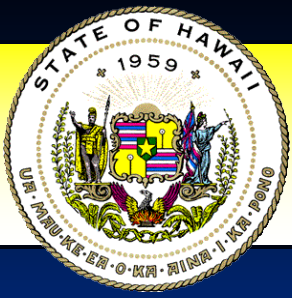


Aiea-Pearl City Town Meeting

PRESENTATION AGENDA

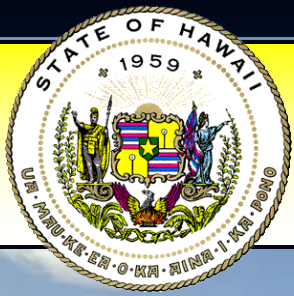
■ Current Project Updates

- H-201 Moanalua Freeway Restriping
- H-201 Moanalua Freeway – Aiea Pedestrian Overpass
- H-201 Moanalua Freeway Landscaping
- H-201 Moanalua Freeway Resurfacing
- H-1 Freeway Resurfacing, Aiea-Salt Lake
- H-1 Freeway Deck Repairs Salt Lake Boulevard
- H-1 Freeway PM Contraflow Lane/Pearl City & Waimalu Viaduct Improvements



H-201 Moanalua Freeway - Aiea Pedestrian Overpass





Moanalua Freeway (H201) Landscaping

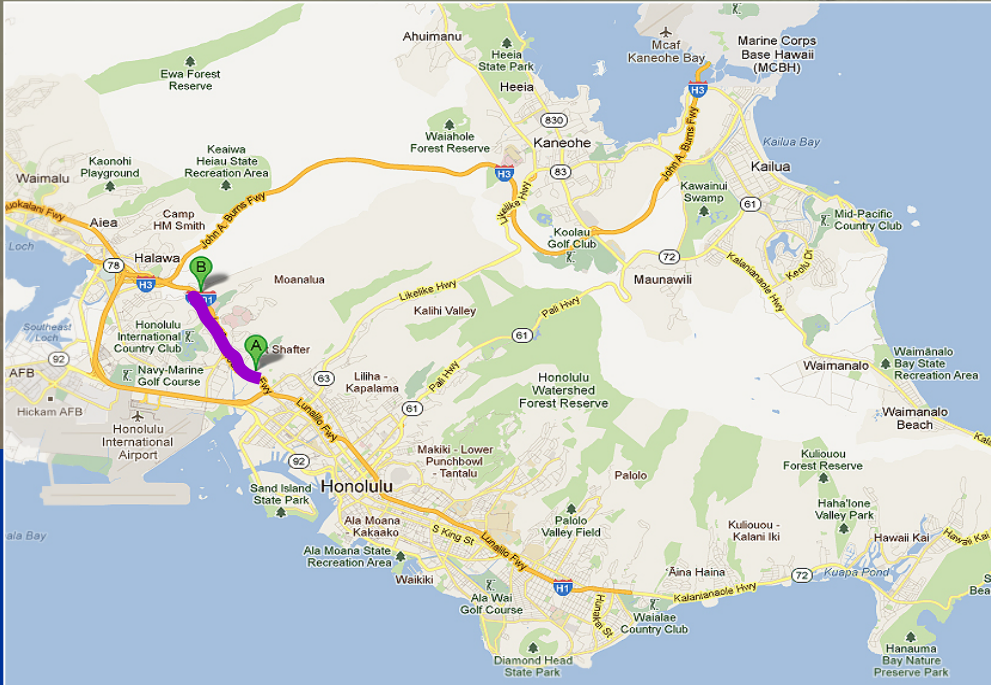


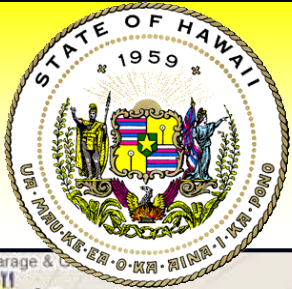
DESCRIPTION

Renovate landscaping and irrigation installed over 50 years ago. Funston road to Ala Kapuna Street

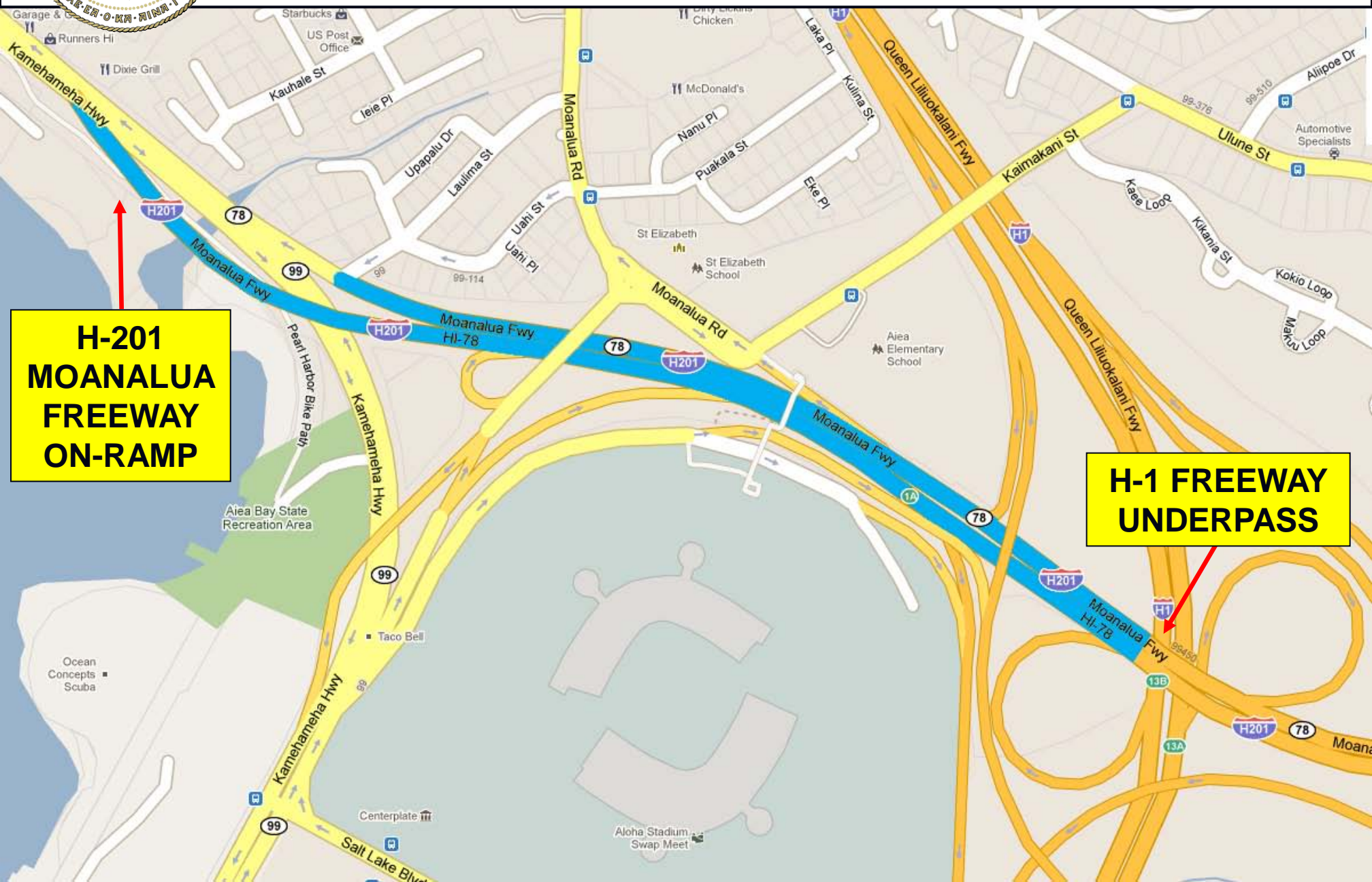
Construction Cost: \$246,000

Anticipated Completion: May 2013



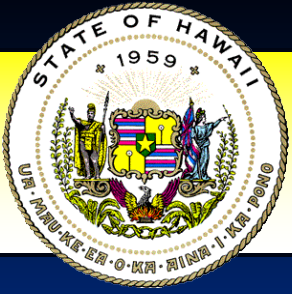


Moanalua Freeway (H201) Resurfacing Project Limits



**H-201
MOANALUA
FREEWAY
ON-RAMP**

**H-1 FREEWAY
UNDERPASS**



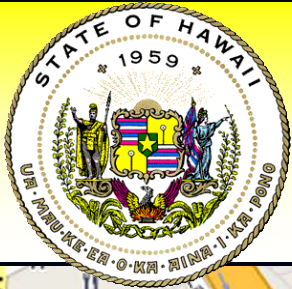
Moanalua Freeway (H201) Resurfacing



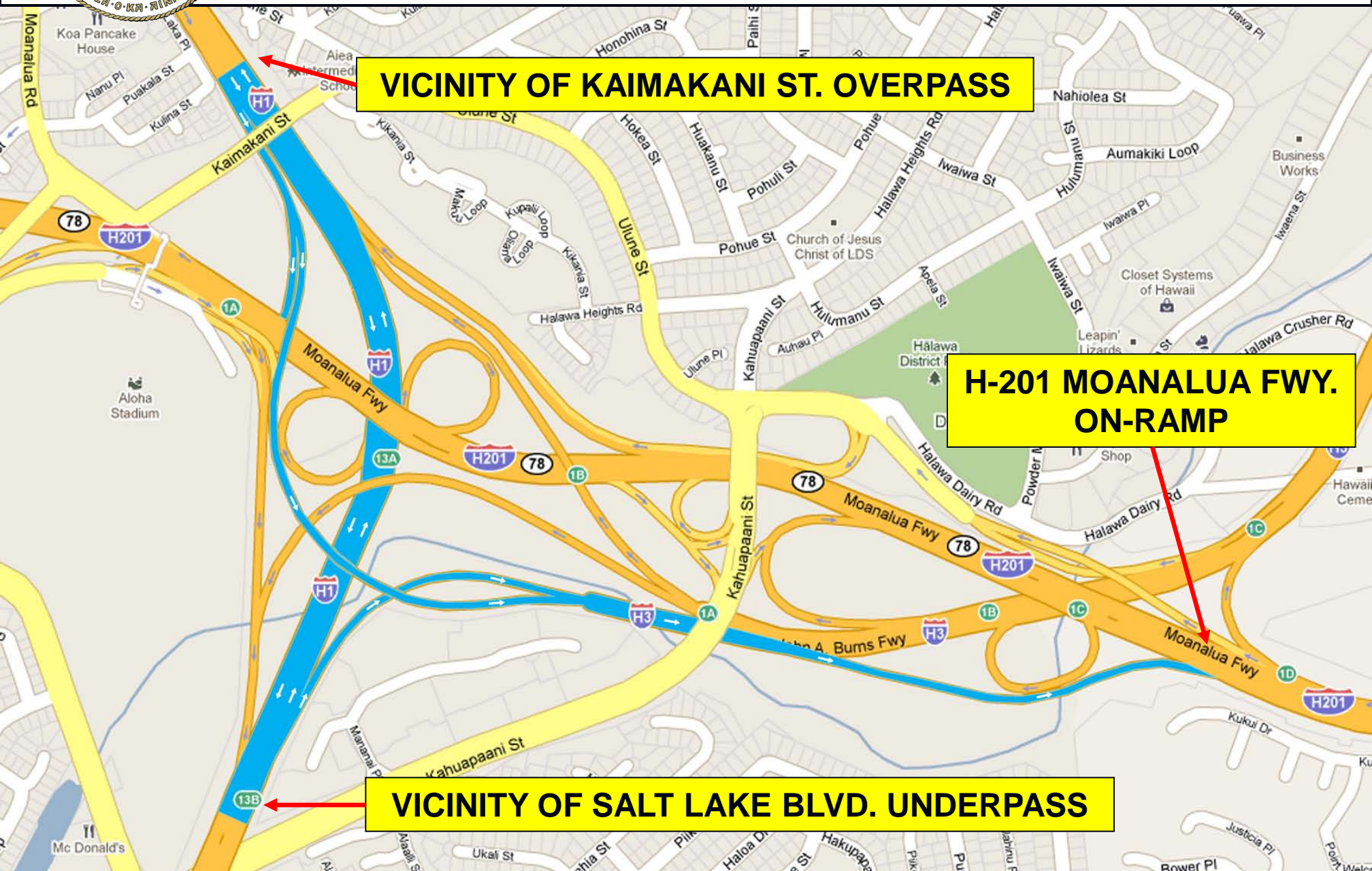
BEFORE

AFTER





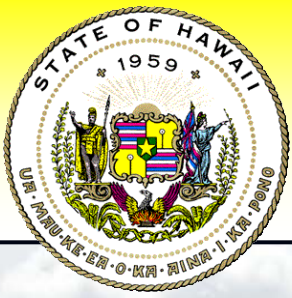
Interstate Route H-1 Resurfacing Aiea to Salt Lake – Project Limits



VICINITY OF KAIMAKANI ST. OVERPASS

**H-201 MOANALUA FWY.
ON-RAMP**

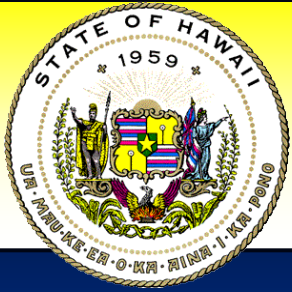
VICINITY OF SALT LAKE BLVD. UNDERPASS



Interstate Route H-1

Salt Lake Boulevard – Viaduct Deck Repair



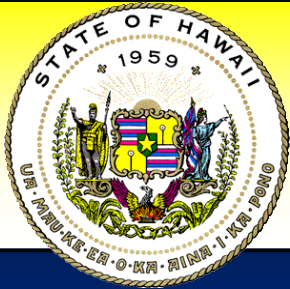


Interstate Route H-1

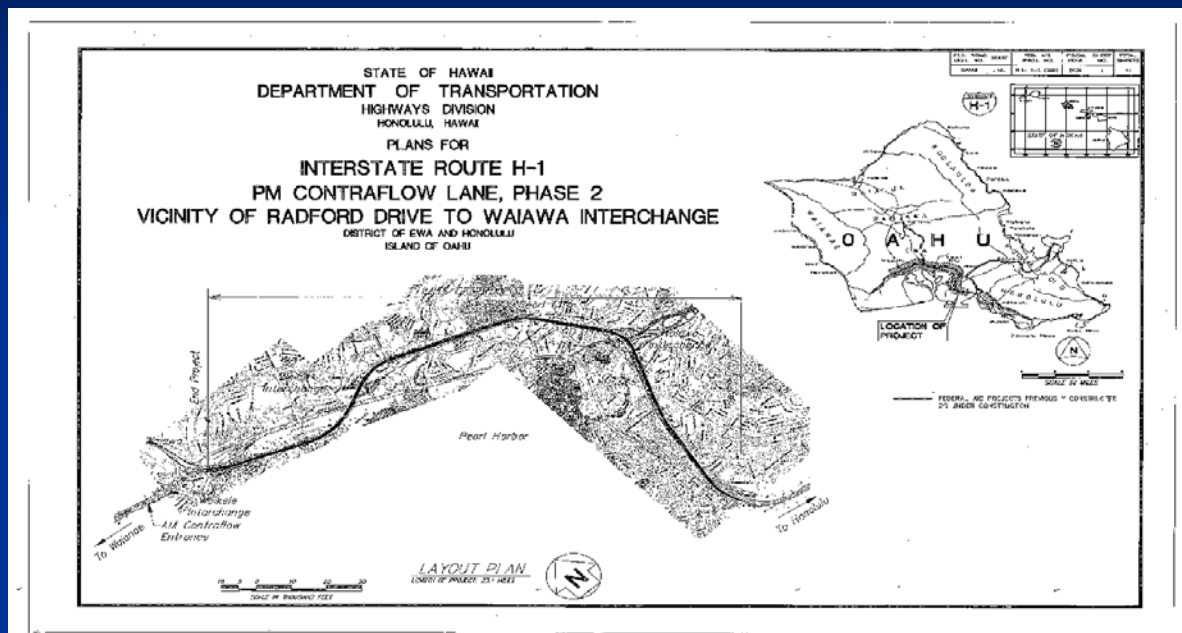
PM Contraflow – Current Conditions



- 3 to 7 westbound lanes, with 3 continuous thru lanes
- Regularly congested in PM peak period
- Peak period = 40,000+ vehicles per day
- Delay time = 10 to 20 minutes per vehicle per day



Interstate Route H-1 PM Contraflow Lane



SCOPE

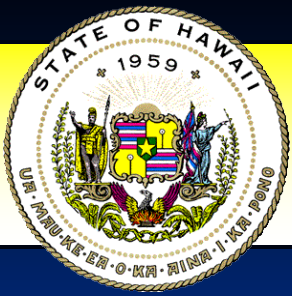
To provide a West-bound afternoon contraflow lane from the Waiawa Interchange to the Pearl Harbor Interchange.

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

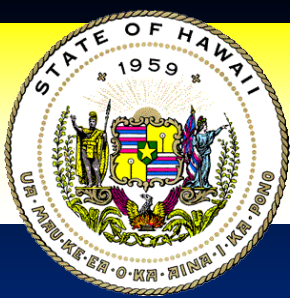


Aiea-Pearl City Town Meeting

PRESENTATION AGENDA

■ Upcoming Projects

- H-1 Middle Street to Pali Highway Rehabilitation
- H-1/H-2 and H-201 Freeway Destination Sign Upgrades
- Kahuapaani Street Resurfacing, Salt Lake Boulevard to Moanalua Freeway
- Aiea Erosion Control Project
- H-1 Airport Viaduct Deck Repairs, Valkenburgh to Middle Street
- Kamehameha Highway Pavement Preservation, Pali Momi to Aiea Stream Bridge
- 5-1-1 Advanced Traffic Information System



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

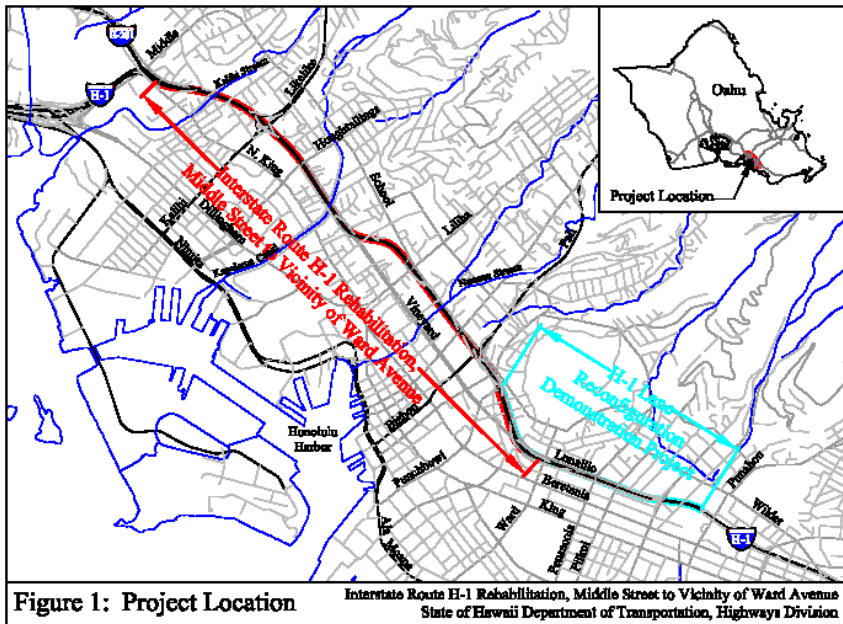


Figure 1: Project Location

Interstate Route H-1 Rehabilitation, Middle Street to Vicinity of Ward Avenue
State of Hawaii Department of Transportation, Highways Division

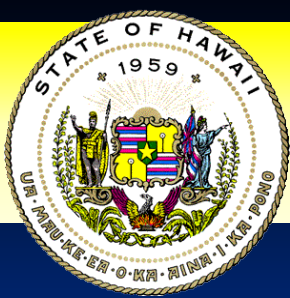
SCOPE

Repair and restripe H-1 to add an additional lane to increase capacity

EST. COST

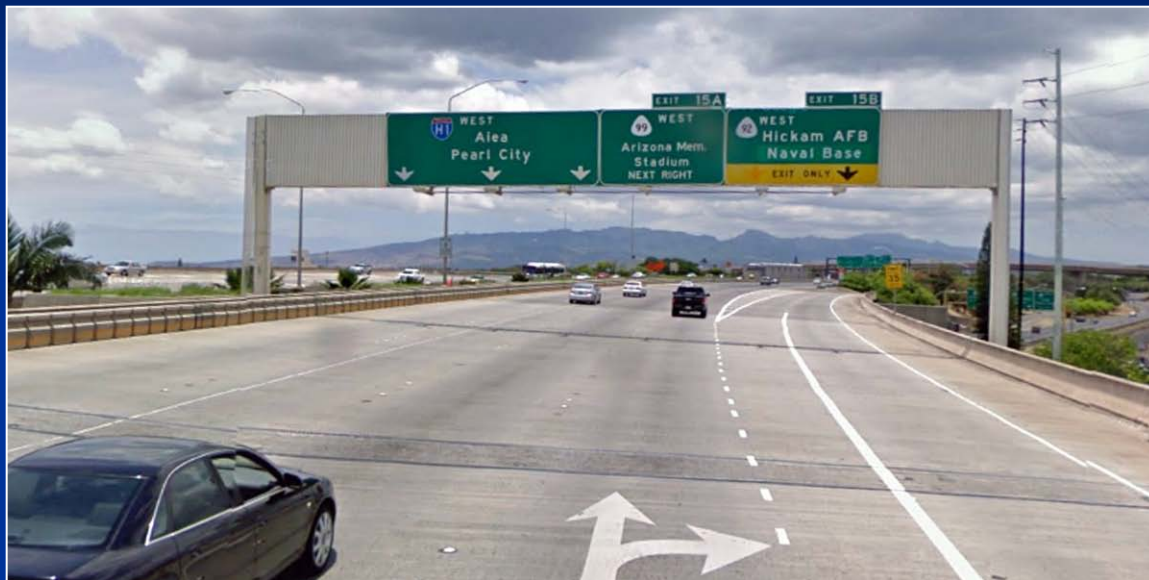
\$40 M





Interstate Routes H-1 & H-2

Destination Sign Upgrades, Replacements



SCOPE

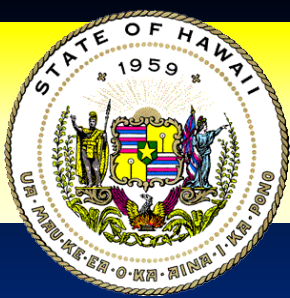
Replace and/or upgrade existing destination signs & sign support structures on Interstate Routes H-1 & H-2.

EST. COST

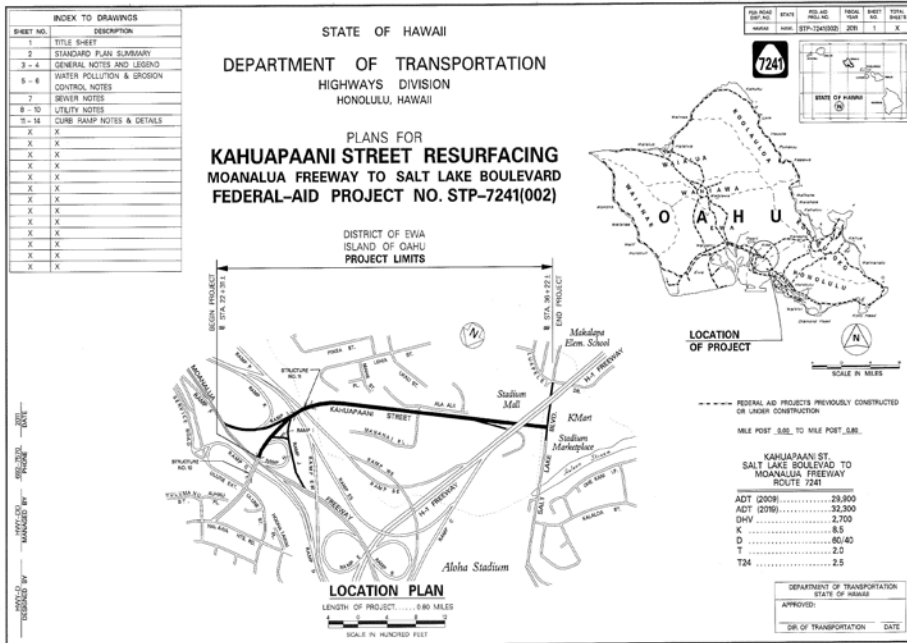
PH2: \$4.2M

PH3: \$5.5M





Kahuapaani Street Resurfacing Salt Lake Boulevard to Moanalua Freeway

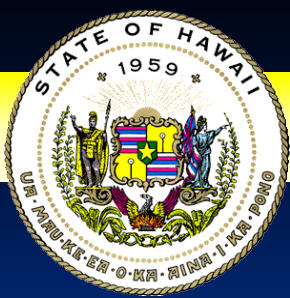


SCOPE
Resurfacing

EST. COST
\$5M

EST. SCHEDULE
Anticipated NTP: February 2013





Aiea Erosion Control Project

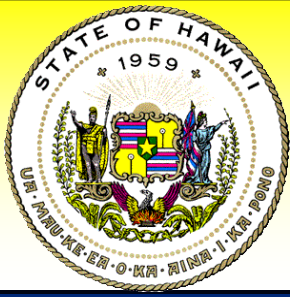


SCOPE

Stabilization of the North bank of Aiea Stream using soil nailing and shotcrete

EST. COST

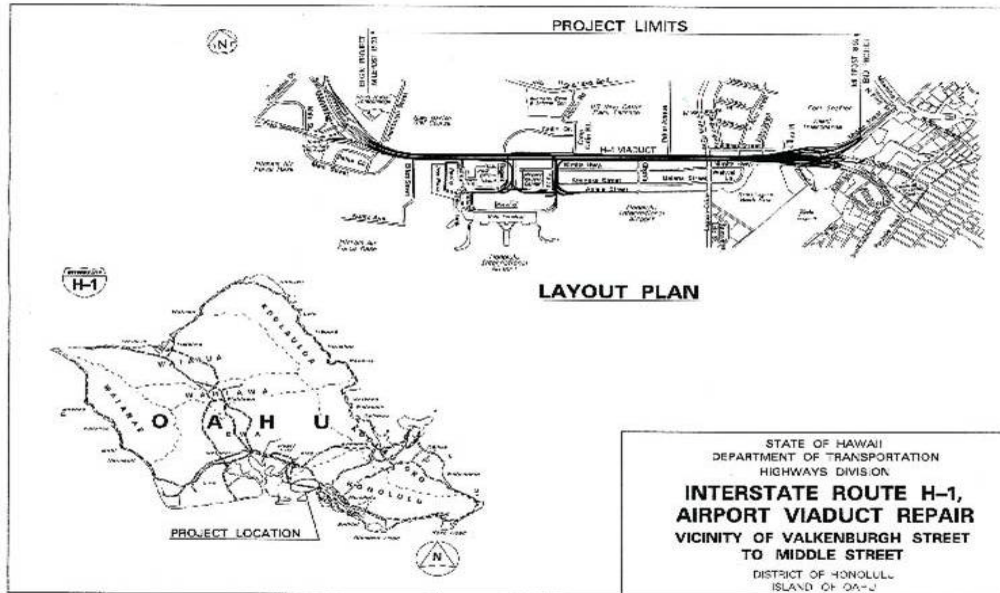
\$1.9 M



Interstate Route H-1

Airport Viaduct Improvements

Valkenburgh Street to Middle Street



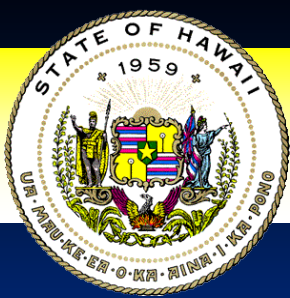
SCOPE

Repair the concrete deck.

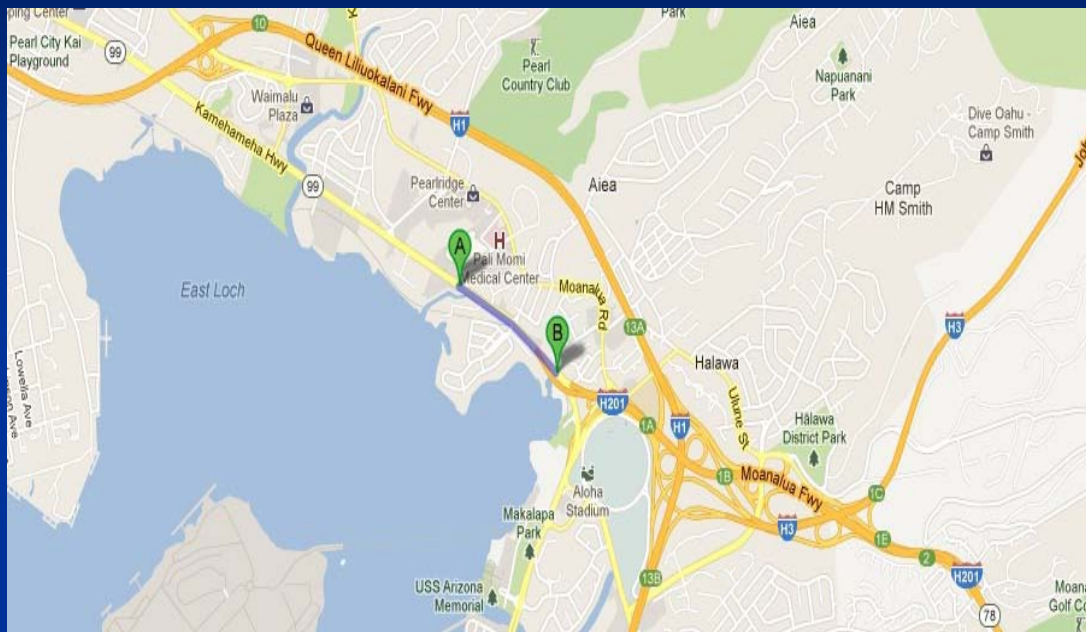
EST. COST

\$26 Million





Kamehameha Hwy - Pavement Preventative Maintenance Pali Momi Street to Aiea Stream Bridge



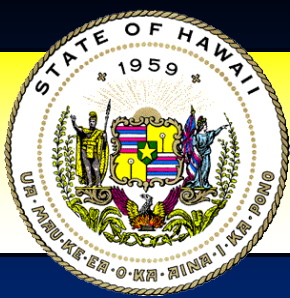
SCOPE

Mill and fill 1.5 inches of asphalt
from Pali Momi Street to Aiea
Stream Bridge.

EST. COST (2013)

\$600 Thousand





Freeway Management System



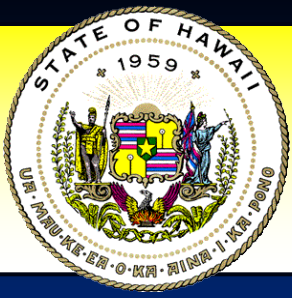
SCOPE

Three goals for
HDOT's ITS program:

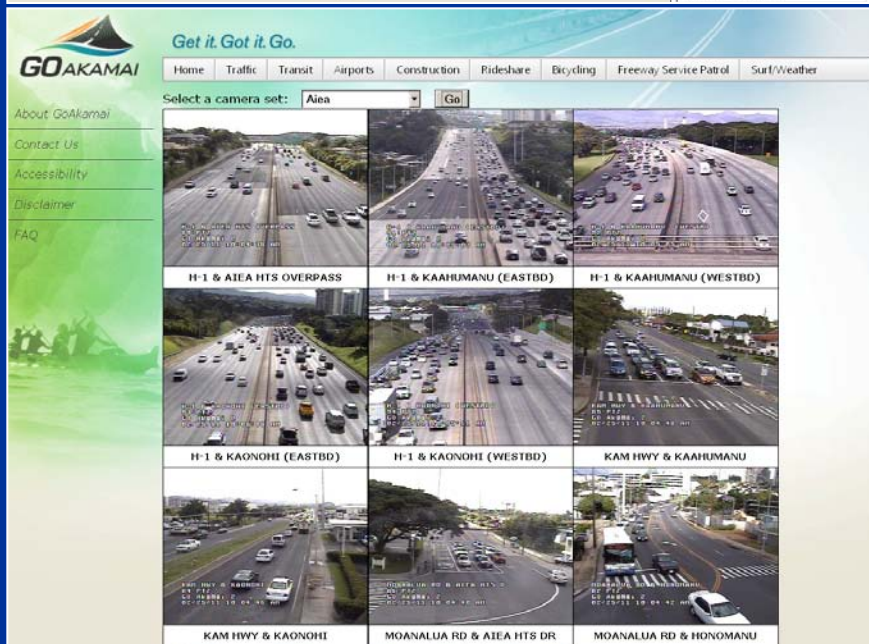
1. Implement an interagency incident management program
2. Provide advanced traveler information
3. Expand ITS Statewide

EST. COST

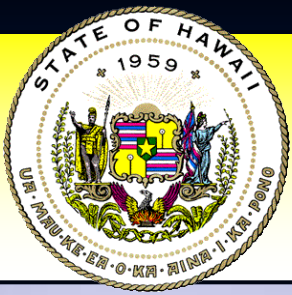
\$ 200 M



GoAkamai Advanced Traveler Information System – www.goakamai.org

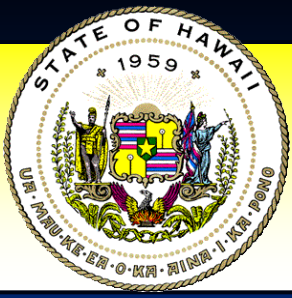


- Launched August 2010
- Provides 24/7 traffic congestion info for Oahu freeways
- Uses 73 doppler radar stations for real-time traffic flow data
- Links over 200 traffic cameras for on-site snapshots
- Connects to bus transit, carpooling, roadwork, Freeway Service Patrol & other resources



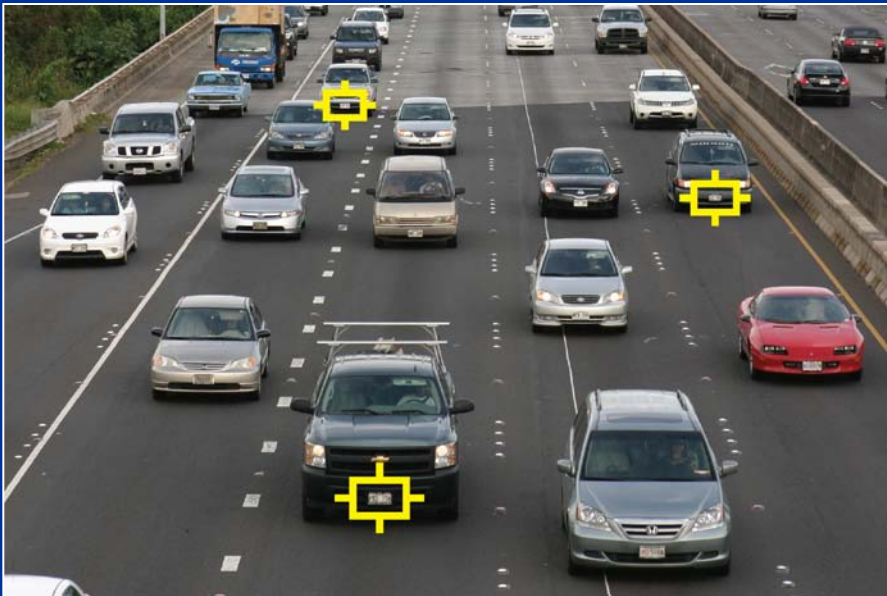
GoAkamai Advanced Traveler Information System



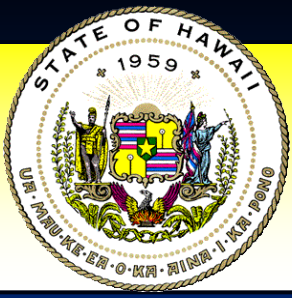


Highways Division

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

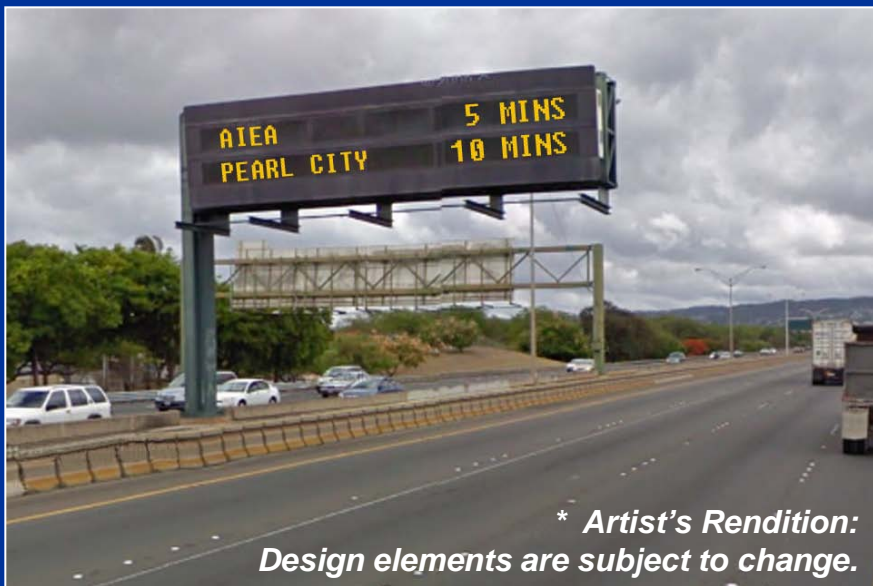


GoAkamai Advanced Traveler Information System – 511 Phone Hotline, Highway Signs

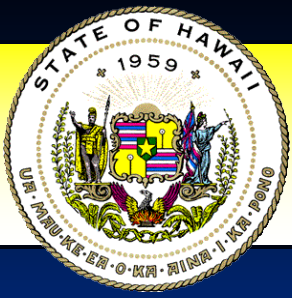


Traffic, Travel and Transit Info

- 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.



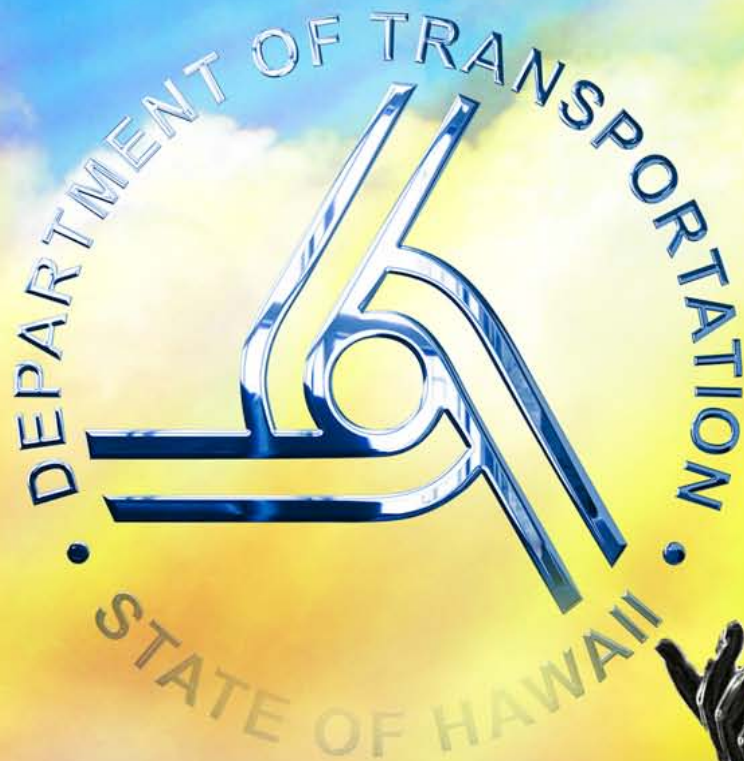
** Artist's Rendition:
Design elements are subject to change.*



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