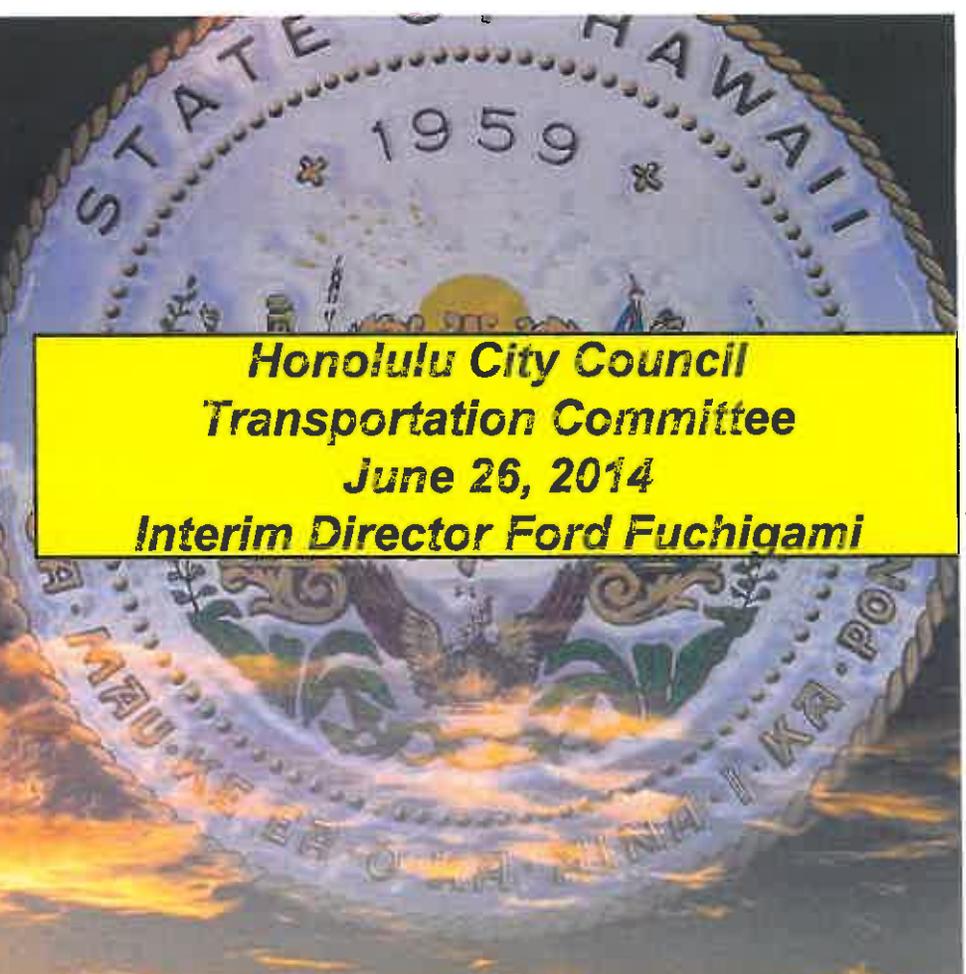
The logo of the Department of Transportation of the State of Hawaii, featuring a stylized 'L' shape with a circular element, set against a background of a sunset over the ocean.

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

The official seal of the State of Hawaii, featuring a central figure holding a torch and a shield, surrounded by the text 'STATE OF HAWAII' and '1959'.

**Honolulu City Council
Transportation Committee
June 26, 2014
Interim Director Ford Fuchigami**

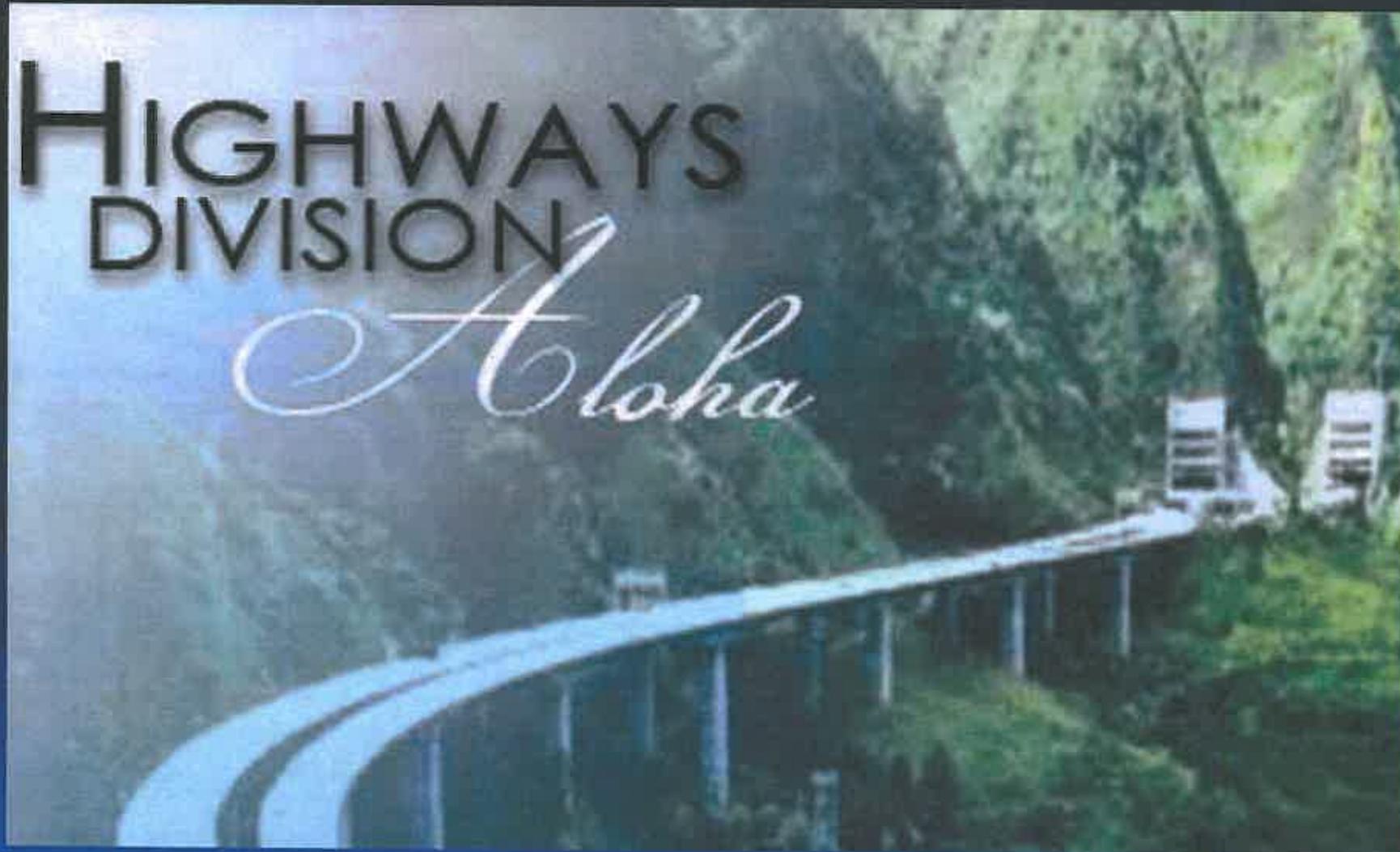
New Day in Hawaii



New Day in Hawaii

**HIGHWAYS
DIVISION**

Aloha





New Day in Hawaii

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

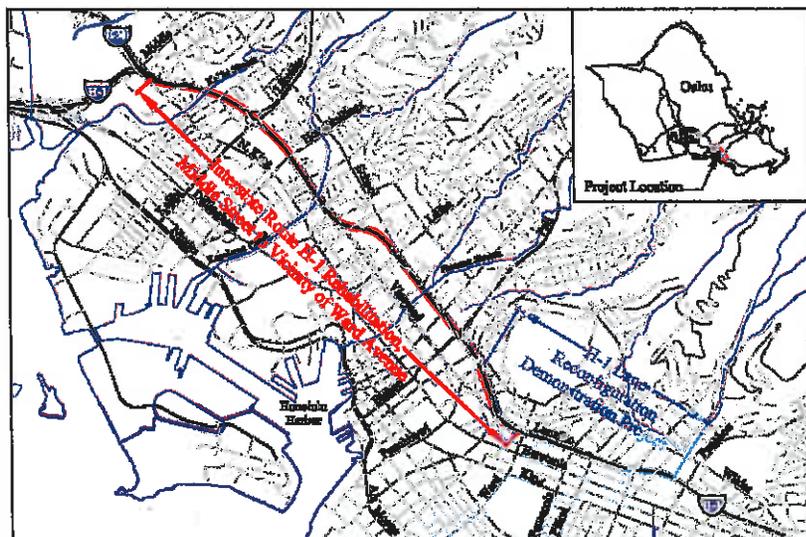


Figure 1: Project Location

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

SCOPE - Rehabilitation of pavement, upgrade to highway lighting, drainage, median glare screens, widen the Nuuanu Stream Bridge and restripe H-1 to 4 lanes. Approximately 4.7 miles in each direction.

CONSTRUCTION COST - Hawaiian Dredging Construction Co.
\$44.4 Million

EST. SCHEDULE

In construction

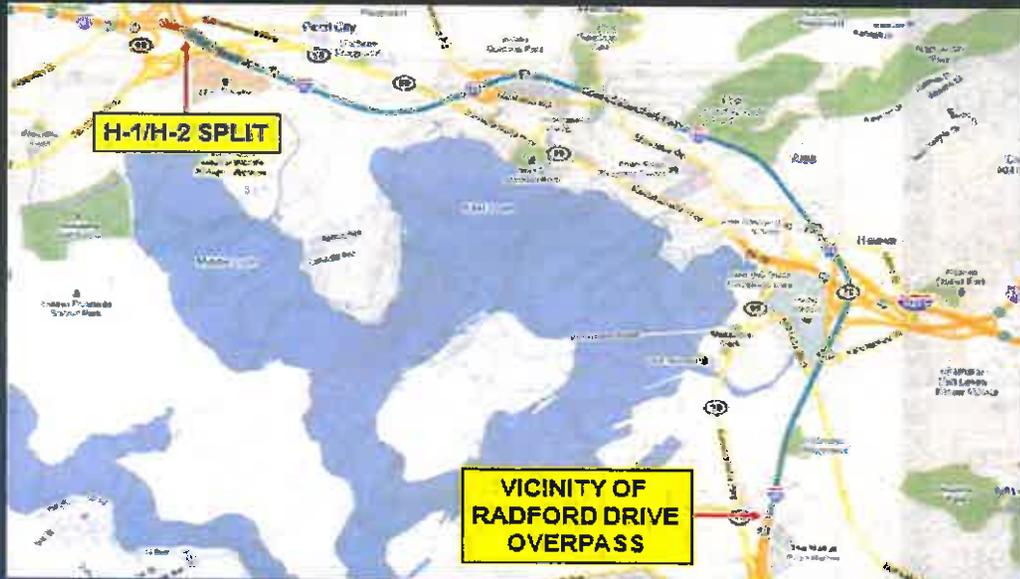
Anticipated Completion: July 2014 for major roadwork; all work done by September 2014

For additional information, questions or comments, please visit our project website at: H1Rehab.com or call the Hotline: 735-7465



New Day in Hawaii

Interstate Route H-1, PM Contraflow Lane & Deck Repairs



For additional information, questions or comments, please visit our project website at: pmcontraflow.com or call the Hotline: 945-1144

SCOPE

Deck Repairs, shoulder widening from H1/H2 area towards Waikele, additional lane from Pearl City onramp to Waipahu offramp going westbound, shoulder for PM peak period from Halawa Interchange to Pearl City off ramp westbound.

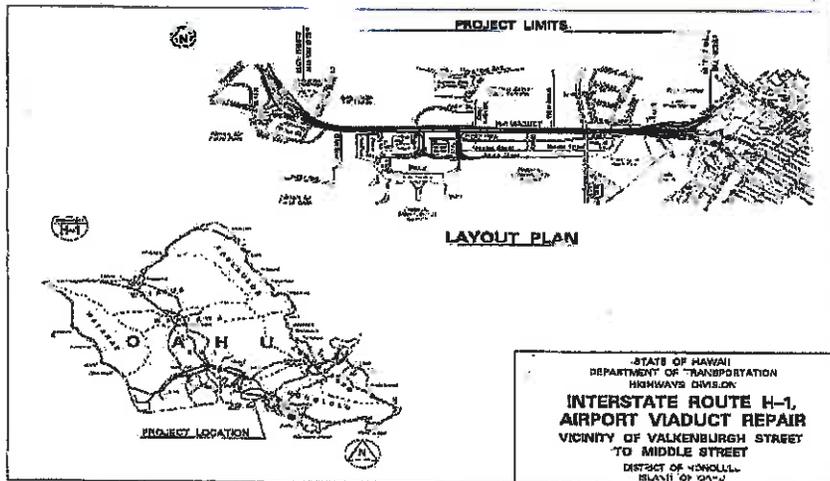
CONSTRUCTION COST –
Hawaiian Dredging Construction Co \$93.7 Million

EST. SCHEDULE

Anticipated Completion:
December 2014



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



SCOPE - Approximately 2.8 miles of concrete deck repairs

CONSTRUCTION COST – Goodfellow Brothers \$16.4 Million

EST. SCHEDULE

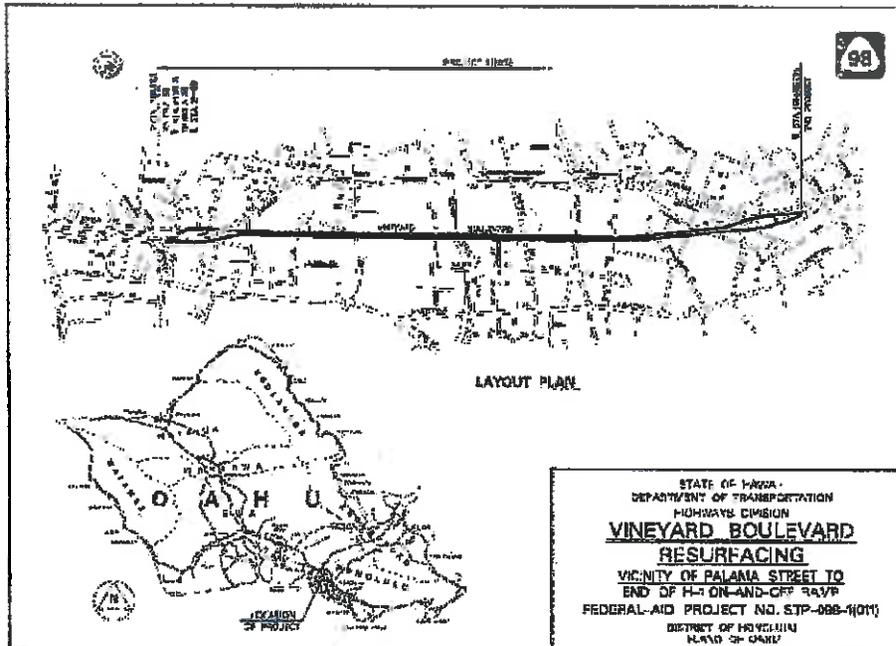
In construction

Anticipated Completion: August 2015
(Weekend work only until H1 Rehab completed)





Vineyard Boulevard Resurfacing Palama Street to H-1 On-and-Off Ramp



SCOPE

Approximately 1.8 miles of resurfacing in each direction; repairs to damaged curb, gutter, and sidewalk. Installing new concrete bus pads.

CONSTRUCTION COST – Grace Pacific \$8.8 Million

EST. SCHEDULE

In Construction

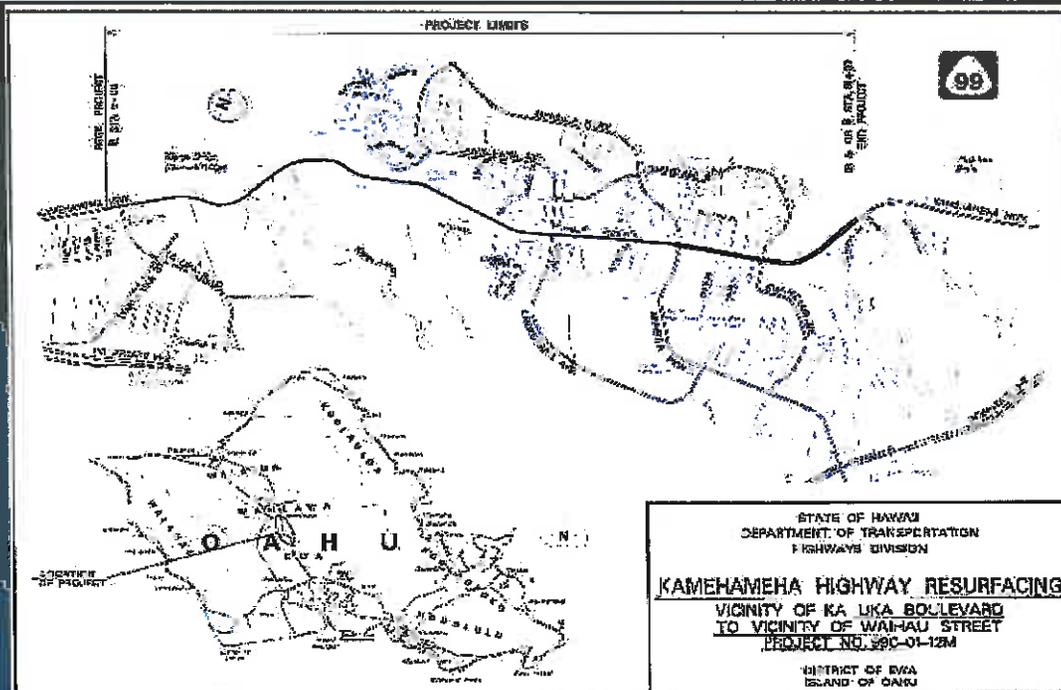
Anticipated Completion: January 2015





New Day in Hawaii

Kamehameha Highway Resurfacing Ka Uka Boulevard to Waihau Street



SCOPE – Resurfacing, upgrading guardrail, installing concrete bus pads, sidewalks and drainage improvements. Approximately 3.8 miles in each direction.

CONSTRUCTION COST – *Grace Pacific* \$14 Million

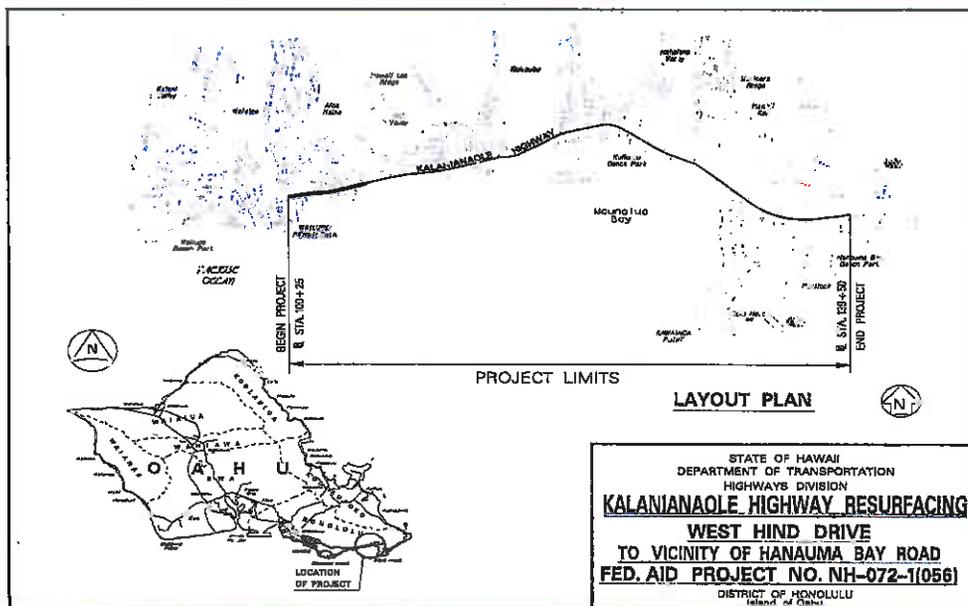
EST. SCHEDULE
In Construction
Anticipated completion August 2016





New Day in Hawaii

Kalaniana'ole Highway Resurfacing West Hind Dr. to Vicinity of Hanauma Bay Rd.



SCOPE - Approximately 4 miles of reconstruct, resurface, upgrading guardrail and end treatments, signing, striping.

CONSTRUCTION COST - Grace Pacific 4.7 Million

EST. SCHEDULE

Construction start: June 2014

Anticipated Completion: Feb 2016

(Day work only)



Farrington Highway, Intersection Improvements Haleakala Avenue and Nanakuli Avenue



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

CONSTRUCTION COST -
Keiker Construction \$14.2M

EST. SCHEDULE

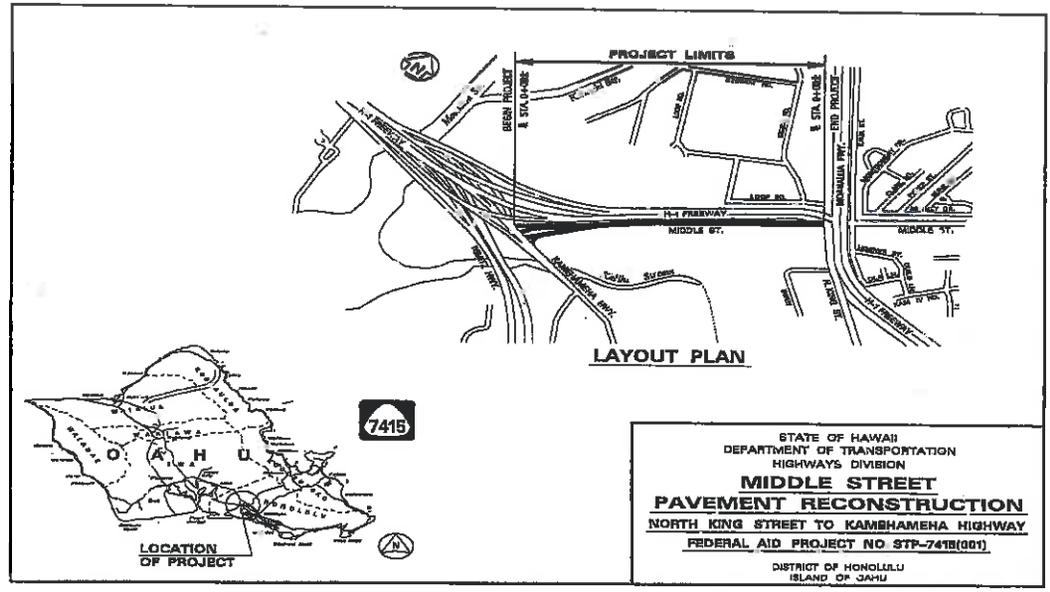
Anticipated Award: June 2014
(pending bid protests)





New Day in Hawaii

Middle Street Pavement Reconstruction King Street to Kamehameha Highway



SCOPE – Replace concrete and AC pavement sections of Middle Street with cast-in-place concrete pavement, pre-cast concrete pavement and pre-cast post-tensioned concrete pavement. Install asphalt 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

Bid Open: Anticipate July 2014
Estimated construction duration 12 months



Kalaniana'ole 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. Approximately 1.6 miles.

EST. COST

13.2 Million

EST. SCHEDULE

Anticipated advertisement/bid: July 2014



New Day in Hawaii

Kamehameha Highway, Repair and Repainting of Karsten Thot Bridge

SCOPE

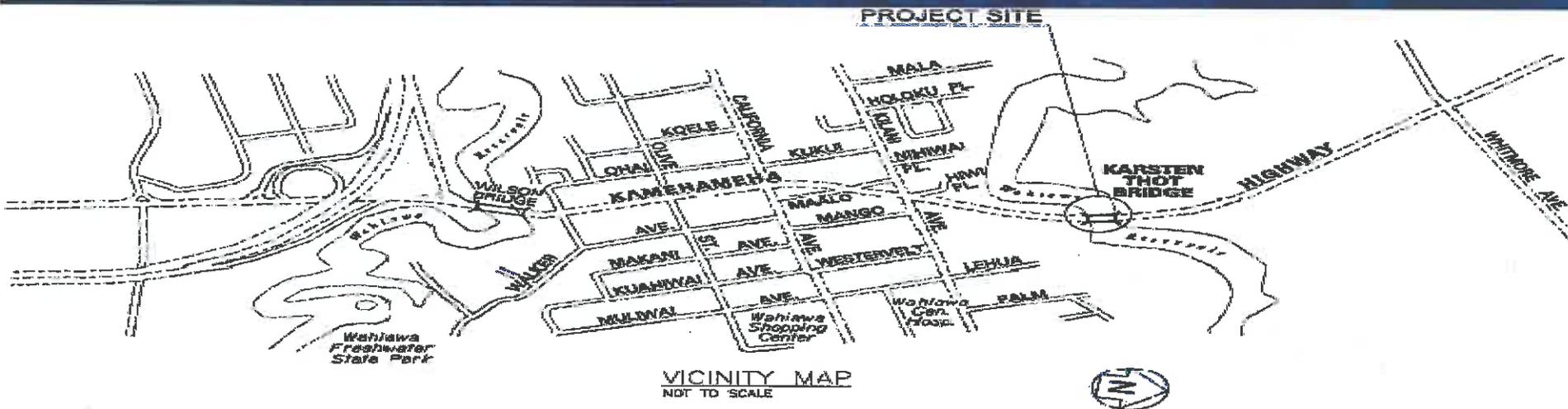
Repair all deteriorated framing and connections, repair concrete slab soffit and paint all structural steel framing of Karsten Thot Bridge.

EST. COST

\$6.5 Million

EST. SCHEDULE

Anticipated advertisement: July 2014
Construction duration 18 months





Kamehameha Highway Resurfacing Dairy Rd. to Kahuku Training Area



SCOPE

Resurface Kamehameha Hwy. from Dairy Rd. to Kahuku Training Area (Mile Post 9.72 to 13.62)

EST. COST

\$5.46 Million

EST. SCHEDULE

Fall 2014





Kamehameha Highway Resurfacing Kahuku Training Area to Laiwai Stream Bridge



SCOPE

Resurface Kamehameha Hwy.
from Kahuku Training Area to
Laiwai Stream Bridge
(Mile Post 13.62 to 17.66)

EST. COST

\$6.5 Million

EST. SCHEDULE

Advertisement end of 2014



Open Day in Hawaii

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; estimated
construction 18 months





New Day in Hawaii

Liliha Street Rehabilitation, North King Street to School Street

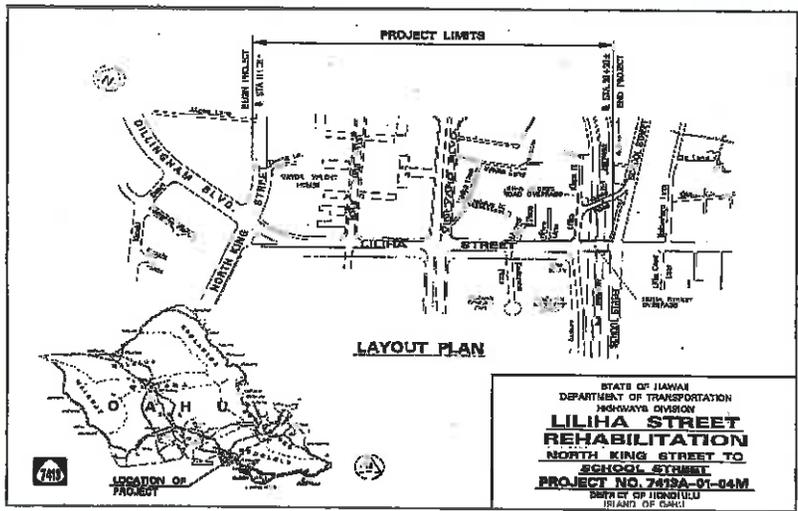
SCOPE

Coldplaning and rehabilitate the existing AC pavement; reconstruction in some areas; construct curb ramps, sidewalks, bus pads; guardrail improvements, loop detectors, signing, marking and striping.

EST. COST - \$4 Million

EST. SCHEDULE

Pending BWS completion of work





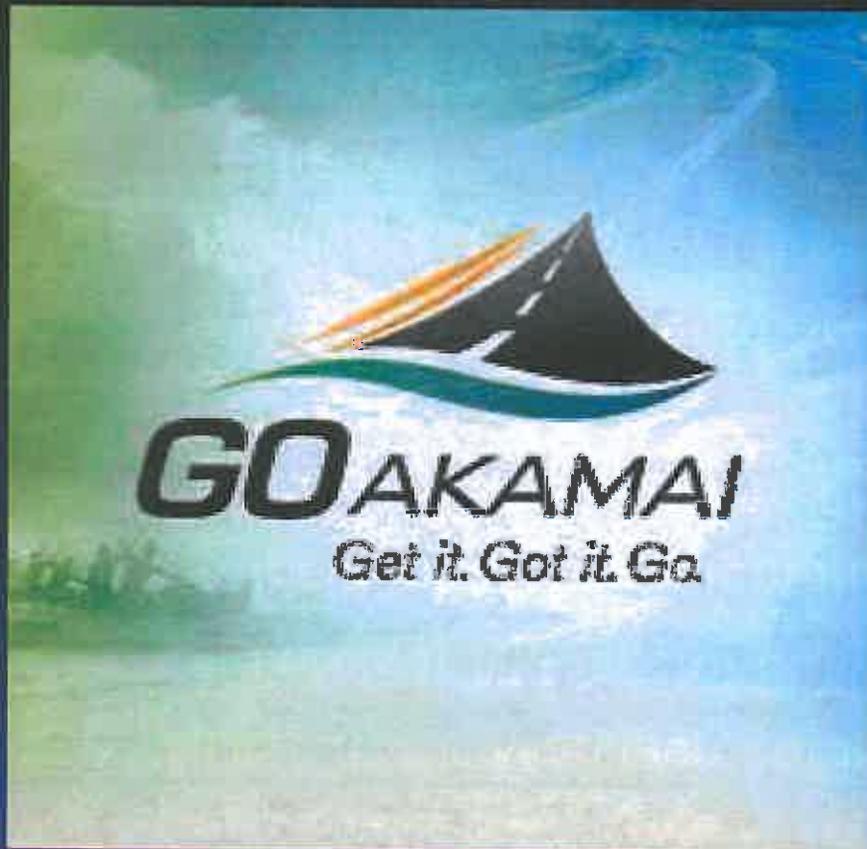
New Day in Hawaii

- **HDOT Traffic Management Initiatives**
 - Freeway Management System (FMS)
 - Incident Management Program & Interagency
 - Incident Management Program - Freeway Service Patrol Limits
 - Advanced Traveler Information System – Goakamai
 - Advanced Traveler Information System – 511 Phone Hotline, Highway Signs
 - Installation of CCTV at Pearl Harbor IC
 - H-1 Core Variable Message Signs and Traffic Cameras



New Day in Hawaii

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 (over a 10 year period from 2012-2022)



New Day in Hawaii

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 (City & County lead) (target 2017 to house staff from HDOT, C&C DTS, HART, HPD, HFD and EMS)



New Day in Hawaii

Advanced Traveler Information System – GOakamai

Traffic Congestion

- No congestion
- Moderate
- Heavy
- Stop and Go
- No Data

Freeway Driving Times

Area:

TheBusHEA (Est. Bus Arrival)

Enter street name or location:

Select a camera set: H-1 Ewa

H-1 & KIHUNA RD (EASTBD) | H-1 & WAIKELE (WESTBD) | H-1 & WAIKELE (EASTBD)

Popular Travel Routes

Freeway Trips from Pearl City

Pearl City to Airport (6mi.)	7 min
Pearl City to Downtown (via H-1) (13mi.)	14 min
Pearl City to Downtown (via H-1/H-201) (16mi.)	13 min
Pearl City to Kaimuki via H-1 (16mi.)	22 min
Pearl City to Kaimuki (via H-1/H-201) (24mi.)	21 min
Pearl City to MBARI (6mi.)	8 min
Pearl City to Moduli Street (via H-1/H-201) (8mi.)	10 min
Pearl City to Kapolei (19mi.)	10 min
Pearl City to Middle Street (via H-1) (9mi.)	11 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



New Day in Hawaii

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 Sigs – travel times are planned to be posted at Liliha St. and Kaamilo St.
- Gives motorists real-time traffic info via phone, internet & signs



New Day in Hawaii

PUBLIC CONTACT INFORMATION

- Questions & Concerns:
 - DOT Community Affairs Office: 587-2160
 - E-mail: dotpao@hawaii.gov
 - DOT Website: hidot.hawaii.gov
 - Like us on Facebook and follow us on Twitter
 - GoAkamai.org website for real time traffic information
- Report Potholes, Graffiti, Hazards
 - Highways Division, Oahu District Maintenance Hotline:
831-6714

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII



NEW DAY IN HAWAII

Mahalo and Aloha

