PRESENTATION AGENDA
Mililani Town Transportation Meeting
Jadine Urasaki, P.E., LEED AP
Deputy Director - Projects
April 10, 2013

SPONSORED BY: REPRESENTATIVE RYAN YAMANE (CHAIR – TRANSPORTATION), SENATOR MICHELLE KIDANI, AND SENATOR DONOVAN DELA CRUZ
Current Projects and Updates

1. Interstate Route H1 Projects
2. Interstate Route H1/H2 Projects
3. Kamehameha Highway Projects
4. Roosevelt (Kipapa) Bridge
1. Vehicle Registration and Weight Fees
2. Fuel Taxes
3. Rental and Tour Vehicle Surcharge Tax
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
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
Interstate Route H-1, Airport Viaduct Improvements, Valkenburgh Street to Middle Street

**SCOPE**
Repair the concrete deck.

**EST. CONSTRUCTION COST**
$26 Million

**EST. BID/ADVERTISE SCHEDULE**
April 2013
SCOPE
Replace and/or upgrade existing destination signs & sign support structures on Interstate Routes H-1 & H-2.

EST. CONSTRUCTION COST
PH2: $4.2 Million *
PH3: $5.5 Million

*Notice to Proceed with Construction issued March 2013
Interstate Route H-1 Rehabilitation, Middle Street to Vicinity of Ward Avenue

**SCOPE**

Pavement Rehabilitation and drainage improvements throughout the corridor, including ramps, replacement of highway lighting system and restriping the roadway to 4 lanes in both directions.

**EST. CONSTRUCTION COST**

$40M

**EST. BID/ADVERTISE SCHEDULE**

MAY 2013
Interstate Route H-2, Joint Repair
Waiawa Interchange to Wahiawa Interchange

**SCOPE**
Replace joint seals and expansion joints and several structures: Waiawa Interchange Structure Nos 13, 14, 15 & 16, Kipapa Stream Bridge, Waikakalaua Stream Northbound and Southbound Bridges, and Wahiawa Interchange Bridges 1 & 2.

**EST. COST**
$1.7 Million

**EST. BID/ADVERTISE SCHEDULE**
May 2013
Moanalua Freeway and Interstate Route H-2, Guardrail and Shoulder Improvements

**SCOPE**
Installation and upgrading all guardrails, guardrail to bridge connections, bridge railings, guardrail end terminals, crash attenuators, shoulder improvements, miscellaneous drainage and other appurtenant improvements.

**EST. COST**
$5.4 Million
SCOPE
Collect current traffic data, simulate traffic and propose various alternatives to improve traffic flow in a comprehensive Traffic Evaluation Study.
1. Interstate Route H1 Corridor Study

2. Interstate Route H2 Lighting – The existing lamps for the lighting were replaced in March 2013.

3. Interstate Route H2 Ka Uka On and Off Ramps
Freeway Service Patrol

**SCOPE**
To provide minor assistance to motorists on the freeway and to assist emergency responders in clearing freeway incidents.

**COST**
$8.5 Million
SCOPE
Three goals for HDOT’s ITS program:
1. Implement an interagency incident management program
2. Provide advanced traveler information
3. Expand ITS Statewide

COST
$200 Million
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

Travel Time Generation System

- 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.
Kamehameha Highway Resurfacing
Waihau Street to Ka Uka Boulevard

SCOPE
Resurface 13.0 lane-miles of Kamehameha Highway and install new guardrails.

EST. COST
$13.0 Million

EST. BID/ADVERTISE SCHEDULE
September 2013
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
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
DOT 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
MAHALO AND ALOHA

NEW DAY IN HAWAII

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