Nuuanu-Liliha Town Meeting
Deputy Director Jadine Urasaki, P.E., LEED AP
September 24, 2014
Nuuanu/Liliha Town Meeting

PRESENTATION AGENDA

- Current Projects in Construction
- Current Projects with future phases
- Upcoming Projects
Current Construction Projects

- Nimitz Highway and Ala Moana Boulevard, Resurfacing and Highway Lighting Replacement Fort Street to Kalakaua Avenue
- 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
- Vineyard Boulevard Resurfacing, Vicinity of Palama Street to Interstate Route H-1 On and Off Ramp
- Middle Street Pavement Reconstruction, King Street to Kamehameha Highway
- Liliha Street Rehabilitation, North King St. to School St.
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
$63.2 Million

EST. COMPLETION DATE
April 2015
Interstate Route H-1 Rehabilitation
Middle Street to Vicinity of Ward Avenue

SCOPE
Repair and restripe H-1.

CONSTRUCTION COST
$44.4 Million

EST. SCHEDULE
Anticipated Completion: Nov. 2014
Interstate Route H-1, Airport Viaduct Improvements, Valkenburgh Street to Middle Street

SCOPE
Repair the concrete deck,
Repair the joint armor,
Overlaying with a thin layer of concrete.

CONSTRUCTION COST
$16.4 Million

EST. SCHEDULE
Anticipated Completion: December 2015
Vineyard Boulevard Resurfacing
Palama Street to H-1 On-and-Off Ramp

SCOPE
Replace the existing pavement at Vineyard Boulevard.
Replace damaged curb, gutter, and sidewalk.
Installing new concrete bus pads.

CONSTRUCTION COST
$8.8 Million

EST. SCHEDULE
Anticipated Completion: Dec. 2014
SCOPE
Replace concrete and AC pavement sections of Middle Street with cast-in-place PCC pavement, pre-cast PCC pavement and pre-cast post-tensioned PCC pavement
Install HMA 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
$12.1 Million

EST. SCHEDULE
Bid Opened: Sept. 4, 2014
Liliha Street Rehabilitation
North King Street to School Street

**SCOPE**
Resurfacing of existing pavement. Constructing curb ramps, driveways, sidewalks, bus pads, concrete guardrail. Installing guardrail, loop detectors, pavement marking, signing and striping.

**EST. COST**
$4.0 Million

**EST. SCHEDULE**
Advertised June 2014
Current Projects with Future Phases

- Traffic
  - 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
  - H-1 Core Variable Message Signs and Traffic Cameras
  - ITS Statewide Architecture
**SCOPE** - Primary goals for HDOT's FMS program:

- Implement an interagency incident management program.
- Provide advanced traveler information.

**COST** - $200 million
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
Incident Management Program - Freeway Service Patrol Limits

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

COST
$3 million per year
Advanced Traveler Information System – Goakamai

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

- Gives motorists real-time traffic info via phone and electronic dynamic message signs.
- Info will also be used by TV newscasts & radio traffic reports.
- 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.
H-1 Core Variable Message Signs and Traffic Cameras

SCOPE
Installation of additional Variable Message Signs and CCTV Traffic Cameras.

EST. COST
$8 Million

EST. SCHEDULE
Anticipated RTA: October 2014
H-1 Core Variable Message Sign Locations
H-1 Core CCTV Traffic Camera Locations
ITS Statewide Architecture

SCOPE
- Develop ITS architecture plans for Maui, Kauai and Statewide functions
- Integrate existing Oahu and Big Island plans into statewide architecture
- Fulfills requirements to allow Federal Funds to be used for ITS Projects on the neighbor islands.

EST. COST
$800 thousand

EST. SCHEDULE
- NTP in August 2014
- Completion: Fall 2016
Upcoming Projects

- Interstate Route H-1 Corridor Study - Kapolei to Ainakoa Ave
- Interstate Route H-1 Bridge Rehabilitation, Kapalama Canal Bridge
- Pali Highway: Resurfacing/Reconstructing, Waokanaka St to Kamehameha Hwy, Lighting & Guardrail Improvements, Vineyard Blvd to Kamehameha Hwy
- Likelike Hwy Resurfacing, School St to Emmeline St
SCOPE
Identify areas within the H-1 Corridor that require improvements, with a focus on congestion and capacity

EST. COST
$2.0 Million

SCHEDULE
Anticipated Completion: Spring 2105
Interstate Route H-1 Bridge Rehabilitation - Kapalama Canal Bridge

SCOPE
Rehabilitate or reconstruction the existing bridge to meet current design standards. Making provisions to discourage people from making temporary shelters and living under the bridges.

EST. COST
$6 ~ 8 Million

SCHEDULE
Preliminary engineering in progress
Pali Highway - Resurfacing/Reconstructing, Waokanaka St to Kamehameha Hwy, Lighting & Guardrail Improvements, Vineyard Blvd to Kamehameha Hwy

**SCOPE**
Resurfacing and reconstructing existing roadway
Improving / Replacing existing street lighting with a flat lenses lighting
Upgrading guardrail and attenuators.

**PART 1**
*EST. COST:* $30 Million
*EST. Advertisement:* April 2015

**PART 2**
*EST. COST:* $8 Million
*EST. Advertisement:* Fall 2015
Likeliike Hwy Resurfacing, School St to Emmeline St

**SCOPE**
Resurfacing, guardrail replacement, signing, striping, and pavement marking.

**EST. COST**
$16 Million

**EST. SCHEDULE**
Anticipated Advertisement: April 2015
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