Queen Ka‘ahumanu Highway Widening, Phase 2

Kealakehe Parkway to Keahole Airport Road

August 25, 2015
Meeting Objectives

- Project Status
- Project Design Overview
- What to Expect During Construction
- Public Information Program
- Questions and Answers
Project Status

- Section 106 Consultations Completed
- Section 106 MOA Signed and Accepted
- Section 4f Evaluation Accepted
- SHPD Review Letter Issued
- All Required Project Permits Issued
- 100% Design Plans Finalized
- NTP for 9/1/15 Start of Construction Issued
- South Segment Redesign to Avoid Historic Sites 80% Complete
Project location
Overview

- Project Highlights
  - Six Signalized Intersections
  - Highway Lighting at Intersections
  - Culvert Extensions
  - Landscaping
  - Utility Relocations
Overview Continued

- Private Developer and County Participation
  - Hulikoa Intersection
  - Improved Water System
  - Improved Sewer Utilities
Improved Traffic Flow

- Honokohau Small Boat Harbor
- Kaloko-Honokohau National Historic Park
- Ala Nui Kaloko
- Queen Kaahumanu Highway (Kailua-Kona End)
- Kealakehe Pkwy.
- Honokohau St.
- Lanihau St.
- OTEC Rd.
- Keahole Airport Rd.
- Hulikoa Dr.
- Hina Lani St.
- Kohanaiki
- Kaiminani Dr.

Passenger Vehicles Only
To Quarry

SSFM INTERNATIONAL

STATE OF HAWAII
Department of Transportation

U.S. Department of Transportation
Federal Highway Administration

GOODFELLOW BROS., INC.
GENERAL CONTRACTOR
ESTABLISHED 1931
Design Highlights

- All pavement will be asphalt
- Traffic signals will be equipped with video cam capabilities
- Traffic signals will be interconnected and coordinated for maximum traffic flow
- Street lights spacing will be increased from 90 to 120 ft
- All street light will be LED technology providing a 50% savings in energy cost
- 8 -10 feet wide shoulders for bicycles
- Pedestrians crossing provided at three intersections
10 Ft. Shoulder
Typical

8 Ft. Shoulder
At Intersections

14' Wide Shared
Acceleration/Deceleration lanes
5' Wide Space for Bikes at Stop Bar

BIKE ROUTE THRU INTERSECTION
ON A SHARED ROADWAY
WITH POSTED SPEED LIMIT > 35 MPH

NOTES:
1. Pavement markers shall be placed away from bike travel zone.
2. Place W11-1 and W16-1 signs as shown.

*5' Min. Space Between Curb Face and Striping

DATE: 11/30/02

STATE OF HAWAII
Department of Transportation

Goodfellow Bros., Inc.
Federal Highway Administration
What to Expect During Construction

- 15 – 20 Trucks Hauling Materials During Day Time Only
- Up to 6 Days a Week for First Year
- When Paving After That
- Limited Night Work on Intersections and Water Line Connections
- Lower Speed Limit (35 MPH)
- Always at Least One Lane in Each Direction
Truck Crossings

- Most Significant Traffic Impact During Construction
- Slow Trucks Entering or Exiting Highway Ahead
- See Website Traffic Control Page for Traffic Control Updates
Minimize Impact on Traffic

- Work Zones Kept Separate from Traffic Lanes
- Temporary Lane Shifts at Side Streets to Maintain Two-Way Traffic
- Maintain Existing Access and Turning Movements until Completion – NELHA
- Maintain Paved Shoulders for Bicycles During Construction
- Maintain Existing Pedestrian Crossings
- Flaggers and Police Officers to Direct Traffic When Necessary
Minimizing Other Impacts

- Minimal Night Work at Intersections and Utility Connections
- No Adverse Impacts to Ironman Triathlon
- Pro-Active Communication with Community
- Project Will be Built in Five Stages
CONSTRUCTION AND TRAFFIC CONTROL STAGES

MAKAI

SOUTH

MAUKA

Hina Lani St.

Kealakehe Parkway

Keahole Airport Road

NORTH

EXISTING HIGHWAY

KEY

Existing Highway – one lane each direction
CONSTRUCTION AND TRAFFIC CONTROL STAGES

STAGE 1
September 2015 – January 2016

KEY
- Existing Highway
- Under Construction – Cross traffic only
- Temporary Roadway
- Completed New Roadway
CONSTRUCTION AND TRAFFIC CONTROL STAGES

STAGE 2
February 2016 – July 2016
CONSTRUCTION AND TRAFFIC CONTROL STAGES

STAGE 3
August 2016 – October 2016

KEY
- Existing Highway
- Under Construction – Cross traffic only
- Temporary Roadway
- Completed New Roadway
Stage 3 Diversions

KEYMAP

TEMPORARY DIVERSION BETWEEN HINA LANI STREET & HULIKOA DRIVE

TEMPORARY DIVERSION NORTH OF KEAHOLE AIRPORT ROAD
CONSTRUCTION AND TRAFFIC CONTROL STAGES

STAGE 4
November 2016 – April 2017

KEY
- **Existing Highway**
- **Under Construction – Cross traffic only**
- **Temporary Roadway**
- **Completed New Roadway**
CONSTRUCTION AND TRAFFIC CONTROL STAGES

SOUTH
- Kealakehe Parkway
- Quarry Rd.
- Hina Lani St.
- Hulikoa Drive
- Kohalaiki Shores
- OTEC Road (NELHA)
- Kaiminani Street
- Keahole Airport Road

MAKAI

MAUKA

NORTH

KEY
- Completed New Roadway

COMPLETED PROJECT

September 2017
Roadside Memorials

- HDOT and the project team are attempting to identify the families associated with memorials in the project right of way.

- Please assist us in identifying contact information for the families.

- Memorials will be removed and stored by HDOT staff on Friday, September 18th
Roadside Memorials

Milepost 94.8

Milepost 95.9

Milepost 93.4

Milepost 97.5
Ongoing Public Information Program

- Queen Ka’ahumanu Website
- 24 Hour Hotline
- Changeable Message Signs
- Community Meetings as Needed
Home

Highway Widening Phase 2

Kanahole Parkway to Kaneohe Airport Road
Project No. HH-010-128R

The goal of this design-build project is to improve traffic flow from Kaneohe Airport Road to Kanahole Parkway. This 5.2 mile section of the Queen Ka‘ahumanu Highway will be widened from two lanes to four lanes. New coordinated traffic signals will be installed at all intersections with left-turn access to or from the highway.

Project Updates

HDOT BEGIN ARCHAEOLOGICAL DATA RECOVERY PHASE
May 30, 2011

PUBLIC INFORMATION MEETING NO. 3
Nov 16, 2011

ROADSIDE MEMORIALS
Nov 16, 2011

Traffic Control

Select the following link for information on the currently planned traffic control and construction stages.
CLICK HERE to view Construction and Traffic Control Stages.

Project Schedule

The State Department of Transportation currently expects to be able to issue construction Notice to Proceed by August or September of 2015. Construction is expected to be completed within twenty-four months.

A more detailed progress schedule will be posted to this web page following issuance of Notice to Proceed for construction.
Project hotline (888) 440-7988

- Hot Line Answered 24/7
- General Inquiries and Concerns
- Goodfellow Bros. is committed to one working day response to concerns expressed on the website or hotline.
- In Emergencies – CALL 911 not the Hot Line!
Questions

CONTACT US AT

www.buildqueenk.com

OR Call the Hotline at: 1-888-440-7988

MAHALO!