Replacement of Waipilopilo Stream Bridge
Kamehameha Highway
Hau`ula

Public Information Meeting for
National Environmental Policy Act (NEPA),
Chapter 343 Hawaii Revised Statutes (HRS),
Section 106 Consultation under National Historic
Preservation Act (NHPA)
Meeting Agenda

- Project Background and Purpose
- Project Studies and Consultation
- Alternatives Studied in Chapter 343 HRS DEA
- Criteria for Alternative Selection
- Environmental Compliance (NEPA & Chapter 343)
- National Historic Preservation Act Section 106 Consultation
- Public Comments
- Next Steps

March 13, 2018
Project Background

Project Location
Project Background

Project Timeframe

• Initial Design Phase
  • Initiated community outreach: met with Koolauloa Neighborhood Board and Hauula Community Association in September 2011

• Environmental Evaluation Phase: Draft EA per HRS Chapter 343, and Section 106 NHPA

• Finalize Design

• Anticipated Ready to Advertise in July 2020

• Construction anticipated to take 18-24 months
Proposed Project Overview
HDOT Highways Program Status

http://hidot.hawaii.gov/highways

Waipilopilo Stream Bridge Replacement, Hau`ula, Kamehameha Hwy
Project Purpose

• Built in 1932, bridge now has a Structural Rating (SR) of 47.8 by FHWA National Inventory Bridge Standards.

• Scope changed from Rehabilitation to Replacement to meet current Federal and State design standards

Waipilopilo Stream Bridge Replacement, Hau`ula, Kamehameha Hwy
Project Background

Bridge Replacement Sequence

- Temporary mauka detour vehicular road; temporary makai pedestrian bridge
- Demolish and remove existing bridge
- Construct new bridge substructure and supports for 16- and 12-inch waterlines
- Construct new bridge superstructure and approach, bridge rail and endpost; install new waterlines on new bridge
- Remove temporary facilities
- Restore public and private properties to preconstruction condition
State Chapter 343 HRS EA

- Archaeological Inventory Survey
- Cultural Impact Assessment
- Biological and Water Quality Surveys
- Hazardous Materials Assessment
- Engineering studies: hydrological, geotechnical analyses

Federal NEPA Compliances

Section 106 Consultation per NHPA
- NHOs
- NPS, ACHP
- SHPD

Section 7 ESA
- NOAA
- USFWS

NOAA/NMFS: EFH

Section 4(f): Historic Bridge
Section 4(f): Public Park
Early Consultation (2011-2016) Pre-assessment Phase
• Early consultation began Fall 2011
• Letters to agencies, organizations, utilities, community sent March 2016 responses included in Draft EA

Draft EA Phase (2016 – Present)
• AIS, CIA, Flora and Fauna, and Water Quality Surveys, Hazmat Assessment completed, incorporated into Draft EA
• SHPD accepted AIS report findings and mitigation measures per HRS Section 6E
• Draft EA published in OEQC Environmental Notice March 8, 2018
Alternatives Studied in Chapter 343, HRS Draft EA

- Do Nothing: as is condition
- Rehabilitation: widen/retrofit existing structure
- Replacement: new structure to meet State and Federal design requirements
Criteria for Alternative Selection

• No Action would require on-going maintenance while not updating the bridge to meet current design standards

• Rehabilitation would only partly correct design requirements due to overall deterioration

• Replacement would meet current State and Federal design standards
Environmental Compliance
Federal NEPA

Section 106 NHPA

• Area of Potential Effect (APE) consultation
• SHPO concurred with HDOT’s APE August 2015
• Initiation of the consultation process began with Newspaper ad published in Honolulu Star Advertiser on February 22, 2016 & initiation of consultation announced via letters sent March 2016 to NHOs seeking comments
• Newspaper ad published in the Honolulu Star-Advertiser Feb. 27, 2018 and March 1, 2018 edition of the Ka Wai Ola to announce tonight’s public information meeting.
Environmental Compliance
NHO Consultation
March 2016

SHPD OHA
DHHL Hui Malama
Historic Hawaii Foundation
Koolauloa Hawaiian Civic Club
Punaluu Community Association
Hawaii Laieikawai Association, Inc.
Kahuku Community Association
Council for Native Hawaiian Advancement
Four Points Global Services Corp.
Hawaii Maoli
Hui Hooniho
Meleana Kawaiaea, LLC
Na Ohana o Puuaoi a me Hanawahine
Native Hawaiian Economic Alliance
Pacific American Foundation
Pap Ola Lokahi
Peahi Ohana
Royal Hawaiian Academy of Traditional Arts
The I Mua Group
• Both Federal and State money would fund this project

• Must comply with the following Federal and State laws
  ▪ NEPA
  ▪ Chapter 343, HRS
• Public information meeting: March 13, 2018
• FHWA, with SHPD concurrence, rendered determination of adverse effect on the bridge as a historic property: HAER completed, Memorandum of Agreement is in progress
• Finalize environmental documentations: Chapter 343 HRS EA (comment period March 8, 2018-April 9, 2018) and NEPA Categorical Exclusion (Catex) Doc.
Section 106 Consultation under NHPA

- Requires Federal agencies to consider the effects of their actions on historic properties
- Related State requirement is HRS Chapter 6E: archaeological inventory survey and cultural impact assessment
- Section 106 is a consultation process
  Requires consultation with NHOs, community.

Waipilopilo Stream Bridge Replacement, Hau`ula, Kamehameha Hwy
National Historic Preservation Act
Section 106 Consultation

Steps involved:

1. Initiated the process by inviting parties to consult
2. Identified historic properties
3. Assess effects: FHWA made the determination, SHPD concurred the action is adverse due to proposed replacement of historic bridge
4. Steps needed to resolve adverse effects: HAER, MOA, archaeological monitoring during construction

Waipilopilo Stream Bridge Replacement, Hau`ula, Kamehameha Hwy
What are your comments for this project regarding

- Section 106 (historical and cultural sites)
- Chapter 343 and NEPA (comment about this project)

Please be respectful to those speaking

Please keep focused on the proposed project

Make comments here tonight or take home a comment form and mail it to us on or before April 9, 2018

Access the DEA on OEQC’s website:
More Information

HDOT

dotpao@hawaii.gov
hidot.hawaii.gov
HDOT Facebook & Twitter
587-2160
Chapter 343, HRS
- Finalize EA/Finding of No Significant Impact (FONSI)

Design
- Plans, Specifications & Cost Estimates

Prepare Federal Environmental Document
- NEPA Catex

Obtain Permits

Anticipated Ready to Advertise Date: July 2020
- Construction Duration: 18 to 24 months
Mahalo

Thank you for your patience as HDOT works to improve our state highways
Contact Information

Contact:  Sharen Cho-Ibanez  
DOT Highways Division  
Phone:  (808) 692-7551  
Email: Sharen.H.Cho-Ibanez@hawaii.gov  
Address:  601 Kamokila Blvd., Rm. 688  
Kapolei, Hawaii  96707

Contact:  Liana Choy  
Sato & Associates, Project Manager  
Phone:  (808) 955-4441  
Email: Ichoy@satoandassociates.com