

***ALOHA AND WELCOME***

**HONOAPIILANI HIGHWAY SHORELINE  
PROTECTION AT MILEPOST 16, NEAR  
OLOWALU GENERAL STORE,  
IN OLOWALU, MAUI**

Public Informational Meeting, National  
Environmental Policy Act, and National  
Historic Preservation Act Section 106  
Consultation

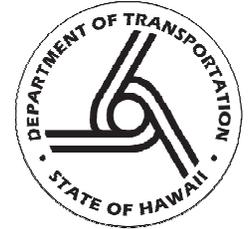
***State of Hawaii, Department of Transportation,  
Highways Division***

***November 20, 2014***

***Lahaina Intermediate School Cafeteria***

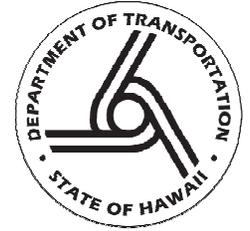
***(6:00 p.m. – 8:00 p.m.)***

# Agenda



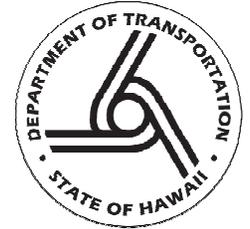
- Purpose of Project
- Background Information
- Studies Conducted to Date
- Alternatives Studied in Chapter 343 HRS Final EA
- Criteria for Alternative Selection
- Environmental Compliance (NEPA and Chapter 343)
- National Historic Preservation Act Section 106 Consultation
- Questions/Comments
- Next Steps

# Purpose of Tonight's Meeting



- Provide the community with an opportunity to comment on the project
- Consult with the community as required by Federal regulations, including the National Historic Preservation Act (NHPA)

# Project Purpose



## Problem:

- Honoapiilani Highway in the vicinity of Milepost 16, is being undermined, threatening access to West Maui

## Purpose:

- The purpose of the project is to analyze the magnitude of the erosion, develop alternatives to mitigate erosion, and ultimately protect a portion of Honoapiilani Highway from further shoreline erosion



Approximate Project Limits

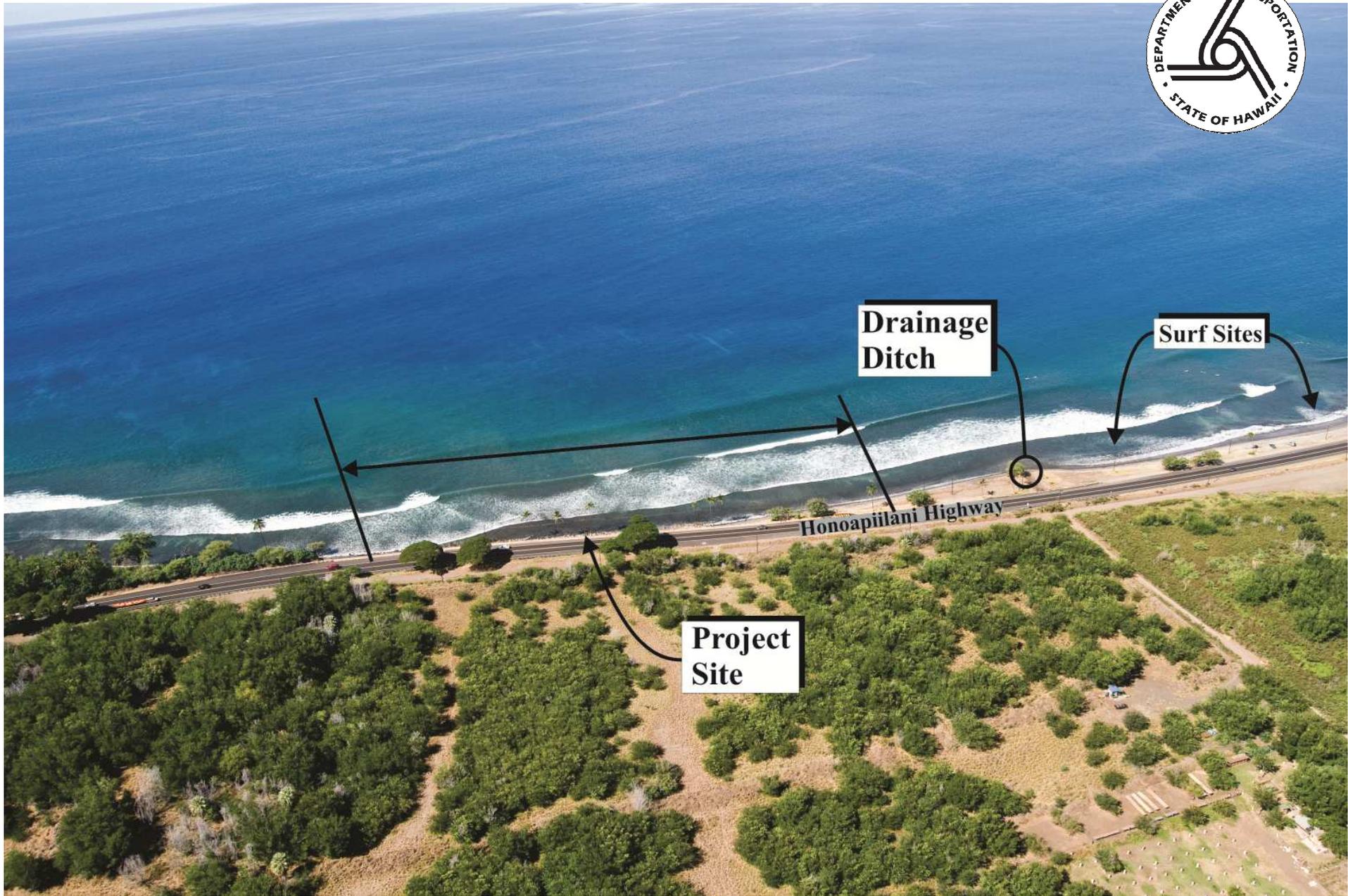
Honoapiilani Highway

Olowalu General Store

Google earth

© 2014 Google

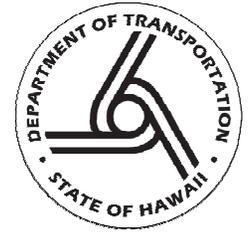
2000 ft





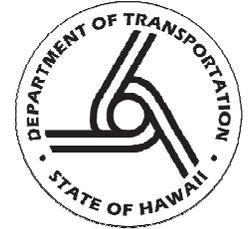
**Project  
Site**

# Background Information



- July 2010 DOT Issued FONSI on Chapter 343, Hawaii Revised Statutes (HRS) Final EA
- April 2011 Maui Planning Commission approval of SMA and Shoreline Setback Variance applications
- April 2012 Department of Army, Section 404 Permit
- June 2013 Section 401 Water Quality Certification from Department of Health
- April 2014 Board of Land and Natural Resources approval of Conservation District Use Permit
- October 2014 National Pollutant Discharge Elimination System
- Coastal Zone Management Consistency Approval from State Office of Planning – Pending
- NEPA Categorical Exclusion - Pending

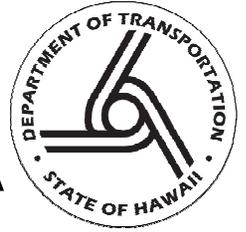
# Studies Conducted to Date



- Topographic and Hydrographic Surveys
- Coastal Engineering Assessment
- Water Quality and Marine Biota Report
- Archaeological Inventory Survey
- Cultural Assessment Study
- Drainage Report

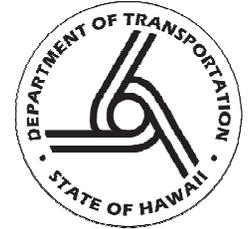
Findings from these studies were included in the Chapter 343, HRS Final Environmental Assessment.

# Alternatives Studied in Chapter 343, HRS Final EA



- No Action/No Build
- Sandbag Revetment
- Cobble Beach
- Mauka Shift of Highway
  - Within existing Right-of-Way
  - Beyond Right-of-Way (including permanent relocation of highway)
- Alternative Materials
- Boulder Fill

# Criteria for Preferred Alternative Selection

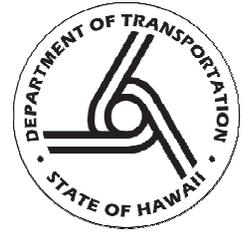


- Provide immediate solution to protect Honoapiilani Highway
- Cost-effective solution (including future maintenance)
- Provide continued public access to shoreline

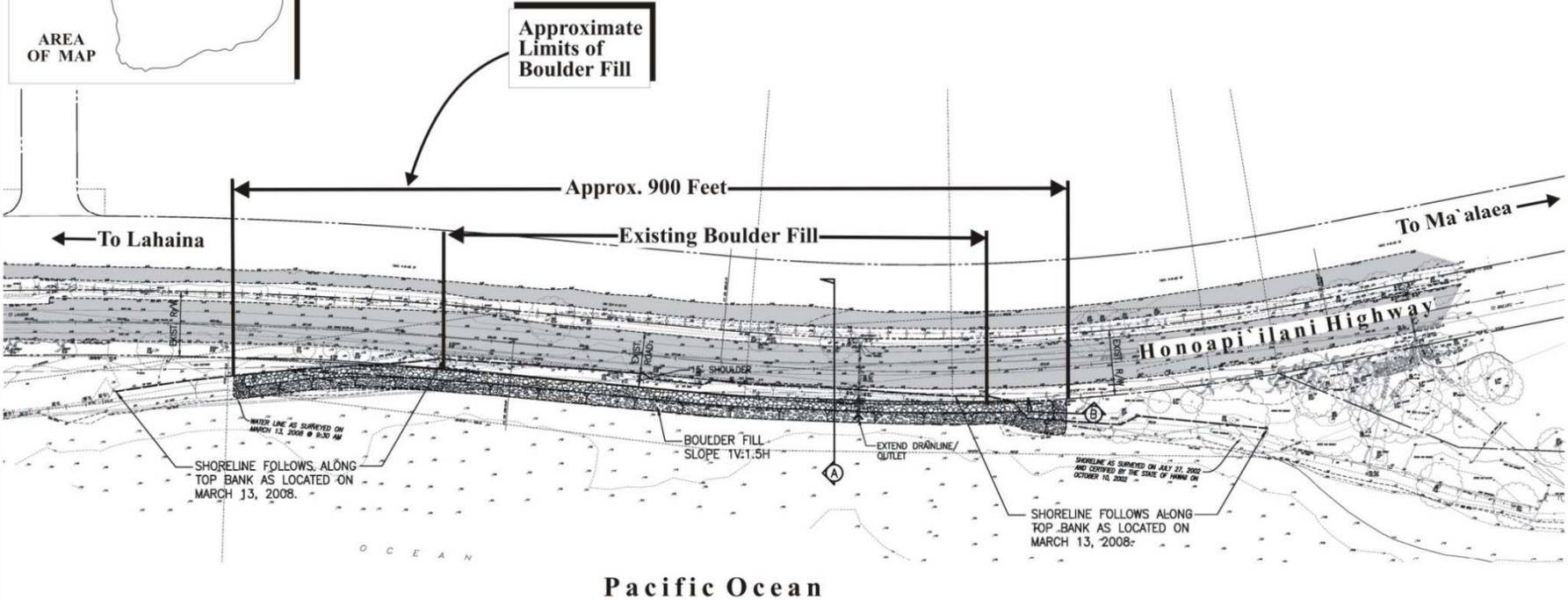
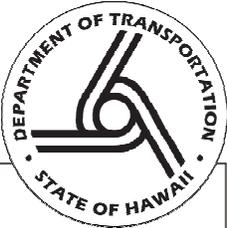
Based on these criteria, the preferred alternative is boulder fill

# Ukumehame Mitigation Project

(Example of boulder fill, the preferred alternative for proposed project)



# Proposed Project Plan



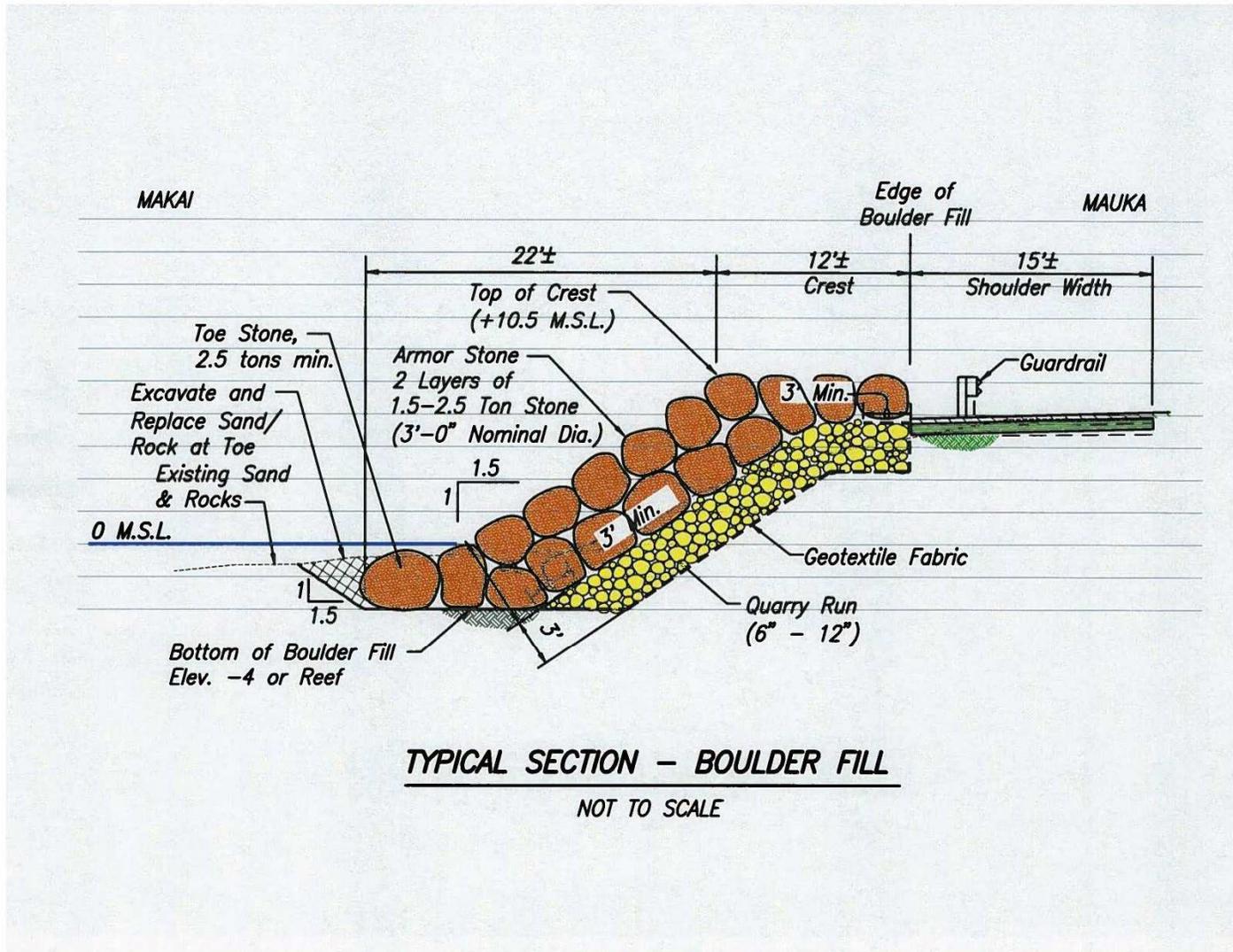
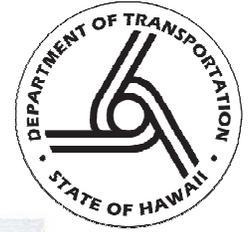
Source: Sato & Associates, Inc.

## Proposed Honoapi'ilani Highway Shoreline Protection Boulder Fill Plan

NOT TO SCALE

Prepared for: State of Hawai'i, Department of Transportation

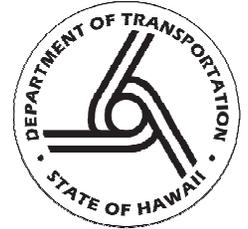
# Boulder Fill Section



**TYPICAL SECTION - BOULDER FILL**

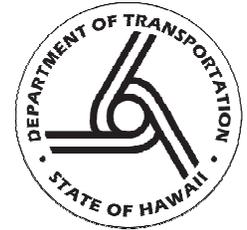
NOT TO SCALE

# Environmental Compliance



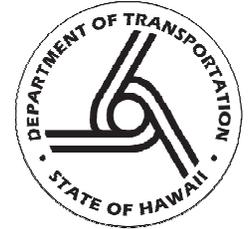
- Both the State of Hawaii and Federal monies fund this project. Therefore, both State and Federal laws must be complied with, including the National Environmental Policy Act (NEPA) and HRS Chapter 343.
- The related laws are numerous.

# National Historic Preservation Act Section 106 Consultation



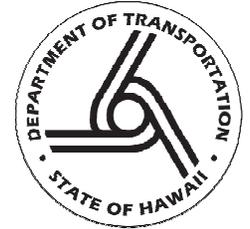
- Requires Federal agencies to consider the effects of their actions on historic properties.
- Related State requirement is HRS Chapter 6E.
- Section 106 is a consultation process.
  - Requires consultation with Native Hawaiian Organizations (NHOs)
  - Consultation also occurs with other stakeholders
- Although not strictly required by law, our goal is to:
  1. AVOID adverse effects
  2. MINIMIZE adverse effects
  3. MITIGATE adverse effects

# Section 106 Consulted Parties Included:



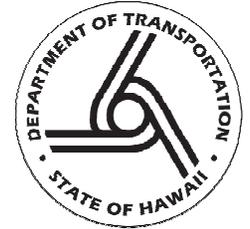
- Office of Hawaiian Affairs
- State of Hawaii, Department of Hawaiian Home Lands
- State of Hawaii, Department of Land and Natural Resources, State Historic Preservation Division
- Aha Moku o Maui
- Historic Hawaii Foundation
- Hui Malama I Na Kupuna O Hawaii Nei
- Hui O Waa Kaulua
- Kuleana Kuikahi
- Hawaiian Civic Club, Lahaina Chapter

# Section 106 Consultation



- Letters sent to Native Hawaiian Organizations by SDOT in July 2013 requesting Section 106 comments.
- Newspaper ads published in Maui News and Honolulu Star Advertiser in August 2013.

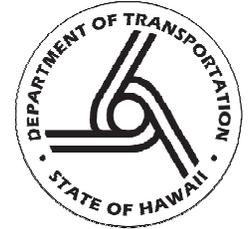
# Criteria to be Listed in the National Register of Historic Preservation (NRHP):



- **Steps Involved:**

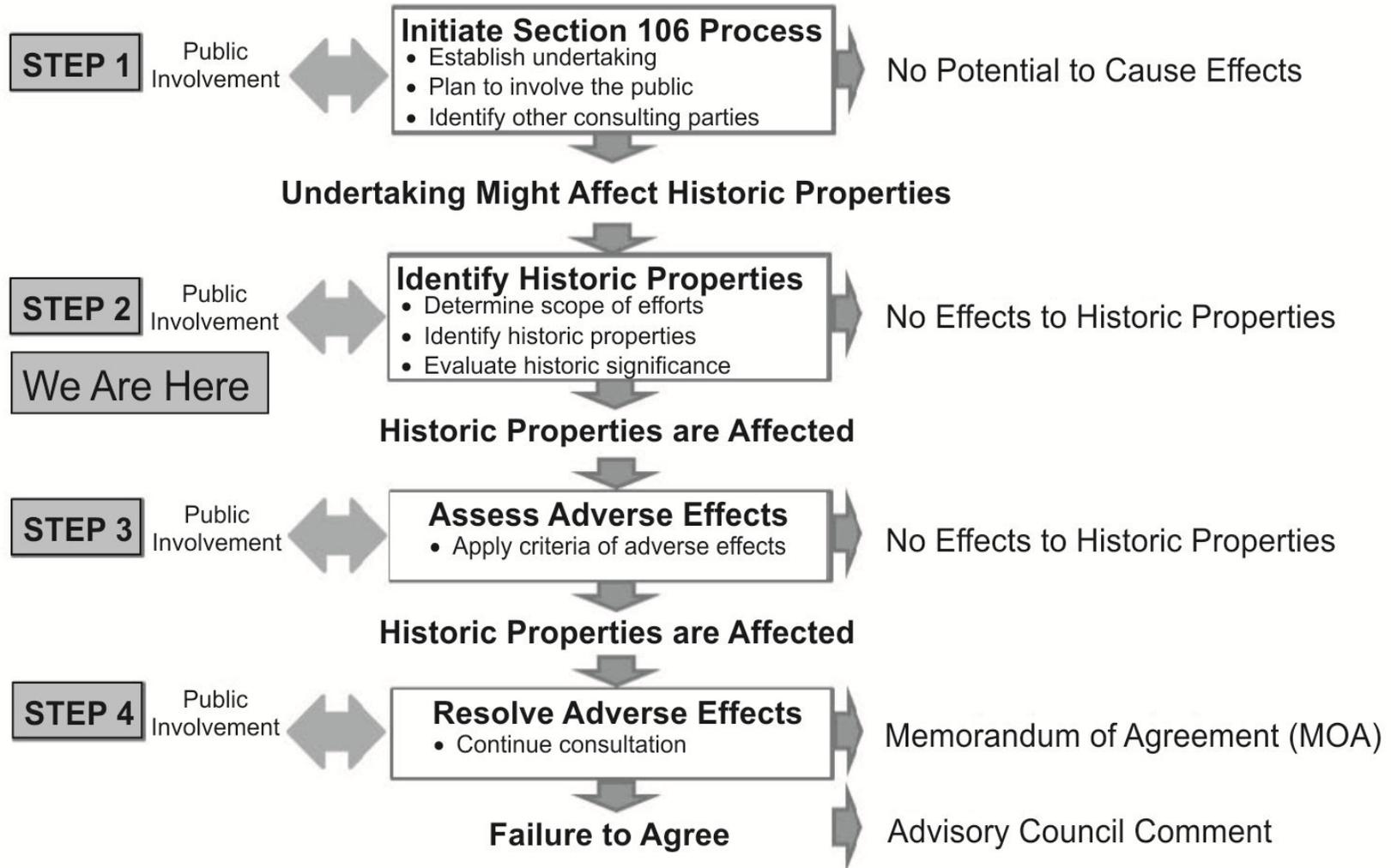
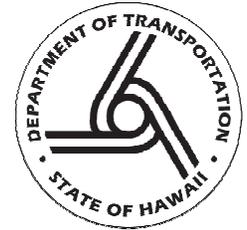
1. Identify the process by inviting parties to consult
2. Identify and evaluate historic properties
3. Assess effects, if any
4. Resolve adverse effects, if any

# Criteria to be Listed in the NRHP:

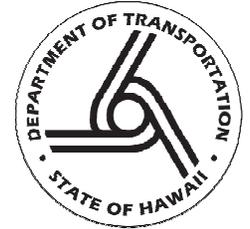


- Properties that are at least 50 years old
- Properties associated with particular events of historical significance
- Properties associated with persons of historical significance
- Properties that represent a particular architectural period of distinction
- Properties that yield important information about the past

# Section 106 Consultation Process

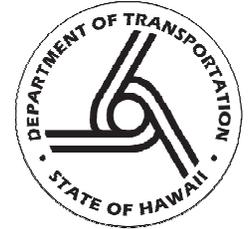


# Public Comment



1. Please sign up on list if you would like to testify in person tonight. Each person will have three (3) minutes to testify.
2. Comment forms are also available at the registration table. Please fill out form and drop it in comment box at registration table or take it home and mail it to us.

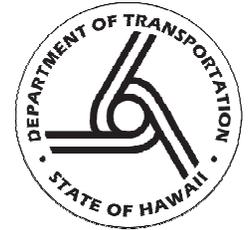
# Next Steps



## Phase I (6 months)

- Design
  - Plans, Specifications & Cost Estimates
- Prepare Federal Environmental Document
  - Categorical Exclusions Document
- Conduct consultations with government agencies
  - Prepare Essential Fish Habitat Assessment Report and consult with National Marine Fisheries Service
  - Section 106 National Historic Preservation Act Consultation
  - Section 7 Endangered Species Act Coordination

# Next Steps (continued)

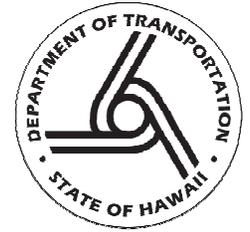


- Obtain Permit/Concurrence
  - Coastal Zone Management Consistency (CZM)

## Phase 2 (12 months)

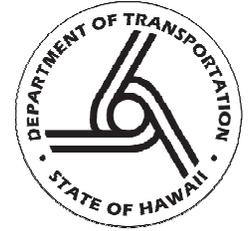
- Construction

Estimated construction cost: \$2.2 million



**Mahalo**

# Contact Information



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