

Cultural Resources Commission Meeting

October 8th, 2025

Waikaumalo Stream Bridge Rehabilitation Project

Federal Aid Project No. BR-019-2(087)

Ninole, North Hilo District

Puaakuloa, Kapena & Piha, Kahuku Ahupuaa

Hilo Moku, Island of Hawaii

Hawaii Department of Transportation



Photo source: KSF 2025

Overview

- Bridge Information
- Project Scope
- Area of Potential Effects (APE)
- Historic, Archaeological, & Cultural Resources in the Project Area
- Project Outreach
- Project Design & Schedule Estimates
- Project Contacts





Bridge Information

- Waikamalo Stream Bridge
- Bridge No. 001000190308092
- Constructed in 1952
- Considered a typical post-war bridge under Program Comments (i.e., typical or ordinary)
- Not listed on the National Register of Historic Places (NRHP)
- Not listed on the State Register of Historic Places (SRHP)

Project Scope

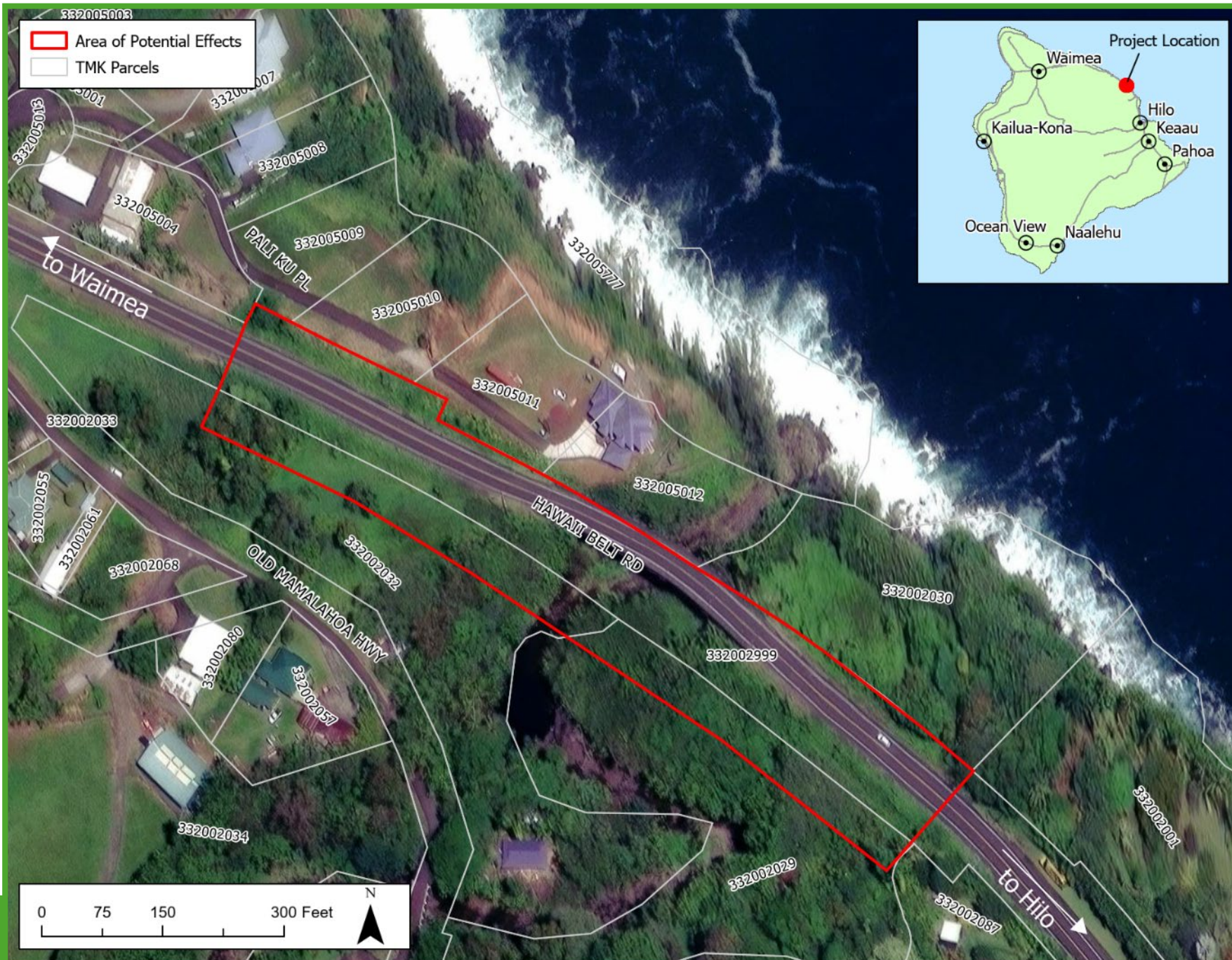
- Repairing/replacing and repainting all deteriorated steel members
- Repairing spalls and delamination in the abutments, pier, concrete deck, sidewalk, and bridge railing
- Repairing cracks in the abutments, piers, concrete deck, sidewalk, and deck railings
- Repairing/replacing bridge bearings
- Replacing deck joints/joint seals
- Evaluating and rehabilitating Concrete Rubble Masonry (CRM) wingwall
- Repairing spalling on pier caps and changing bearings



Project Scope (Continued)

- May also consist of footing upgrades if scour is discovered
- Lead soil sampling will take place below the embankment areas of the bridge
- If lead is present, remediation will occur if required by the Hawaii Dept of Health





Area of Potential Effects (APE)

- Located mostly within the previously disturbed Highway Right of Way (ROW)
- Contains a small portion of two other parcels [(3)3-2-002:029 and 032]] which will be used for equipment staging and access to the bridge foundations

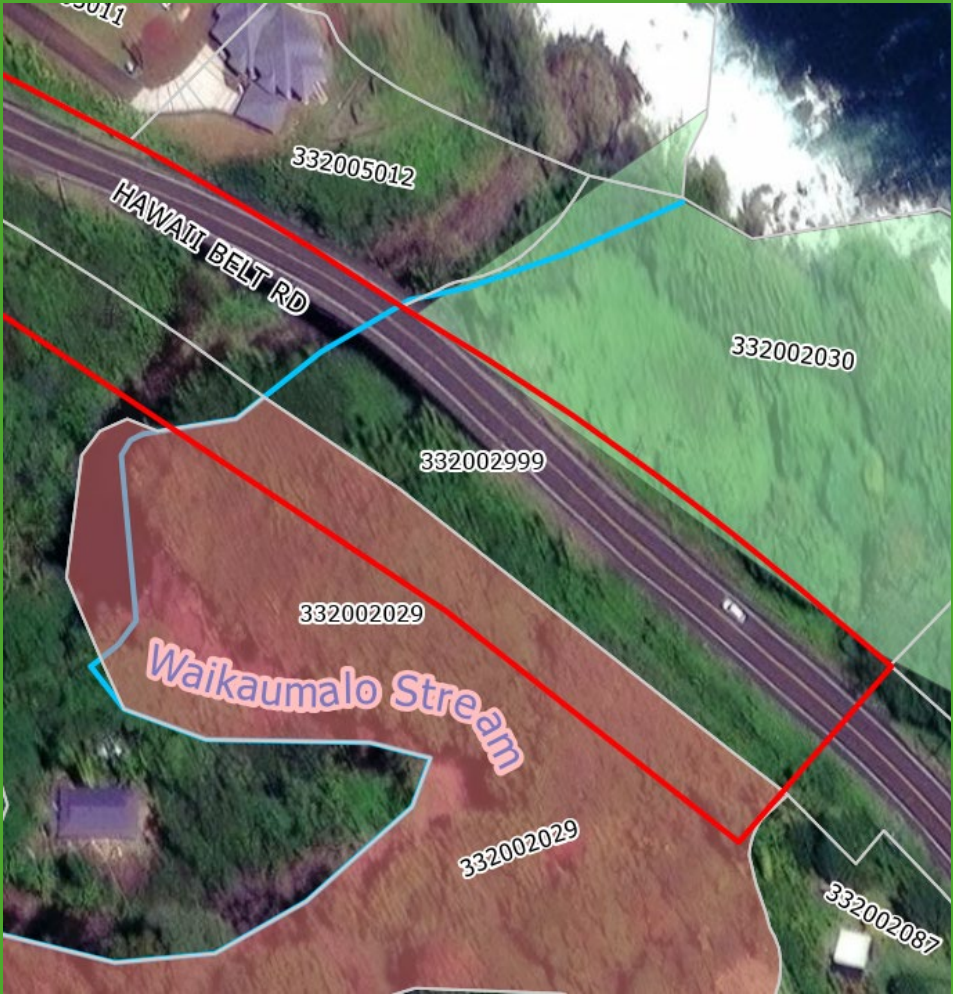
Historic, Archaeological, & Cultural Resources in the Project Area



- Reviewed the following sources for historic properties or cultural resources:
 - State Historic Preservation Division (SHPD) Library documents
 - Hawaii Cultural Resource Information System (HICRIS)
 - National Register of Historic Places (NRHP)
 - State Register of Historic Places (SRHP)
- No records were found for historic properties or cultural resources within, or in the vicinity of the APE.

Photo source:
KSF 2025

Historic, Archaeological, & Cultural Resources in the Project Area (Continued)



- No Archaeological Inventory Surveys (AIS), Cultural Impact Assessments (CIA), or Archaeological Literature Review and Field Inspections (ALRFI) were found within the SHPD library for the project area.
- A previous SHPD review of a 1990 project noted the *potential* for archaeological remains associated with irrigated taro cultivation within TMK parcel 3-2-002:029. The SHPD report did not identify a specific site or region of the parcel as an area of concern.
 - This project area (Waikaumalo Bridge) only encroaches upon a portion of this TMK parcel adjacent to the right-of-way.
 - Disturbance in this parcel could potentially only consist of vegetation clearing (i.e., no sub-surface work) directly mauka of the right-of-way for equipment staging purposes.

Photo source:
KSF 2025



Project Outreach

- Section 106 Native Hawaiian Organizations (NHO) and Potential Consulting Parties listed in the chart to the right
- NHO letters sent August 28th and September 2nd
- News Ad published Sept 4th in the *Hawaii Tribune Herald & West Hawaii Today*
- Only response was from Office of Hawaiian Affairs (Sept 5th)

State Historic Preservation Division (DLNR)	Aha Moku Advisory Committee (DLNR)
Department of Hawaiian Homelands	Office of Hawaiian Affairs
Hawaii Island Burial Council	Association of Hawaiian Civics Clubs
Au Puni O Hawaii	Council for Native Hawaiian Advancement
Hale Mua Cultural Group	Hawaii Land Trust
Historic Hawaii Foundation	The I Mua Group
Na Koa Ikaika Ka Lahui Hawaii	Na Kupuna Moku O Keawe
Ohana Keawamahi	Protect Keopuka Ohana
National Trust for Historic Preservation	Sovereign Council of Hawaiian Homestead Associations
Nohopapa Hawaii	Newspaper Advertisement in Hawaii Tribune Herald and West Hawaii Today
Association of Hawaiians for Homestead Lands	Hawaii County Cultural Resources Commission



Project Design & Schedule Estimates

Project Milestone	Estimated Date
Environmental permitting	Now – Spring 2026
100% design	Fall 2026
Advertise for construction	Winter 2026
Bridge reconstruction timeline	Summer 2027 – Summer 2028



Project Contacts

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Thank you!