

DAVID Y. IGE
GOVERNOR

HIGHWAY DESIGN BRANCH, ROOM 688A
BRIDGE DESIGN SECTION, ROOM 611
CADASTRAL DESIGN SECTION, ROOM 600
ENVIRONMENTAL DESIGN SECTION, ROOM 688A
HIGHWAY DESIGN SECTION, ROOM 609
HYDRAULIC DESIGN SECTION, ROOM 636
TECHNICAL DESIGN SECTION, ROOM 688



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
601 KAMOKILA BOULEVARD
KAPOLEI, HAWAII 96707

Communication No. 2022-28

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IN REPLY REFER TO:

HWY-DS 2.9901

November 25, 2022

VIA EMAIL: hawaiiancelebration@hotmail.com

Mr. Chad R. Walker
Hakalua Neighborhood Watch

Dear Mr. Walker:

Subject: Hawaii Revised Statutes (HRS) Chapter 343 Scoping and
Pre-Assessment Consultation
Hakalau Stream Bridge Rehabilitation
Hakalau, Island of Hawaii, State of Hawaii
Project No. BR-019-2(075)

The Hawaii Department of Transportation, Highways Division (HDOT) in cooperation with the Federal Highway Administration (FHWA) is proposing the Hakalau Stream Bridge Rehabilitation project, located along Hawaii Belt Road (Route 19) near Hilo on the Island of Hawaii. HDOT is preparing an Environmental Assessment (EA) in compliance with HRS Chapter 343, Hawaii's environmental impact statement law, to evaluate and disclose the project's potential environmental impacts and identify any potential permitting requirements. At this time, we are seeking input on the project, as well as information related to any environmental, social, or economic concerns related to the project or project area. Please refer to the enclosed project location map.

As a federally funded project, this project is considered a federal undertaking and must also comply with the National Environmental Policy Act. FHWA anticipates preparation of a Categorical Exclusion in accordance with the *Code of Federal Regulations*, Section 771.117 of Title 23 (23 *CFR* 771.117).

Project Overview

HDOT is proposing this project to bring the bridge into compliance with current safety standards, facilitate safe park use and access, as well as to allow for continued use of this vital transportation link. This project proposes the following improvements:

- Remove or remediate lead contaminated soils around the bridge;
- Rehabilitate the bridge's deteriorating substructure; and
- Upgrade the bridge railings.

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Hakalau Bridge was painted with lead-based paint that has contaminated the soil around the bridge extending into Hakalau Beach Park. Although the lead paint was removed from the bridge in 2000, remediation is needed for the surrounding areas beneath the bridge. Remediation may involve removal or encapsulation of lead contaminated soils or implementation of controls to prevent access to lead contaminated areas. Soil removal activities could disturb up to 24 inches of vegetation and topsoil. A combination of these solutions may be incorporated as an overall solution.

The bridge's substructure rehabilitation would be performed by replacing bridge steel bents with concrete bents (similar to Kolekole Bridge, another historic steel trestle bridge on the Hamakua Coast that has been previously reconstructed with concrete bents). Replacing the steel bents with concrete bents would allow the superstructure to remain largely intact with minimal repairs. The concrete bents would be installed using drilled shafts up to six feet in diameter. Refer to the enclosed figures for an illustration of a typical tower and bent at Hakalau Stream Bridge and a sketch of the proposed design. Bridge railings would be upgraded to meet current safety standards.

During construction, a temporary trestle bridge may be used to support the drill rig for the drilled shafts. Best Management Practices will be implemented during construction to minimize the potential for impacts to water quality.

HDOT is reaching out to you as well as other City, State, federal agencies, and the surrounding community to gather project input. We are interested in any information you may have related to the project, including any design concerns, as well as any environmental or social concerns within the project area. Also, we would like to know if you have any recent or upcoming projects planned in the area, or if there are any specific permitting issues or considerations that you would like to bring to our attention. We would appreciate receiving such information in writing within thirty (30) days of the date of this letter. The information will assist us in preparing the Draft EA.

If you have any questions or concerns, please contact our Project Manager, Ms. Holly Yuen, at (808) 692-7548, Technical Design Services Section, Design Branch, Highways Division or by email at holly.yuen@hawaii.gov.

The project team looks forward to working with you, and greatly appreciates your participation.

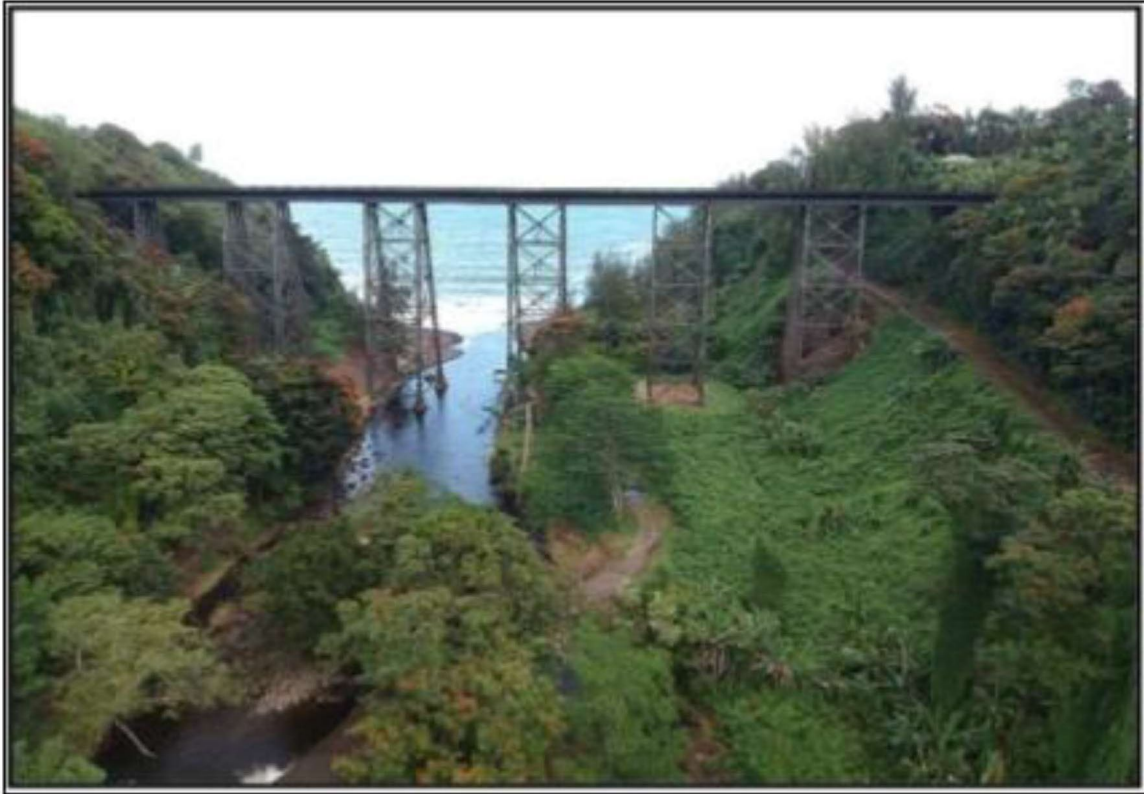
Sincerely,

Henry Kennedy

HENRY KENNEDY
Acting Engineering Program Manager
Design Branch, Highways Division

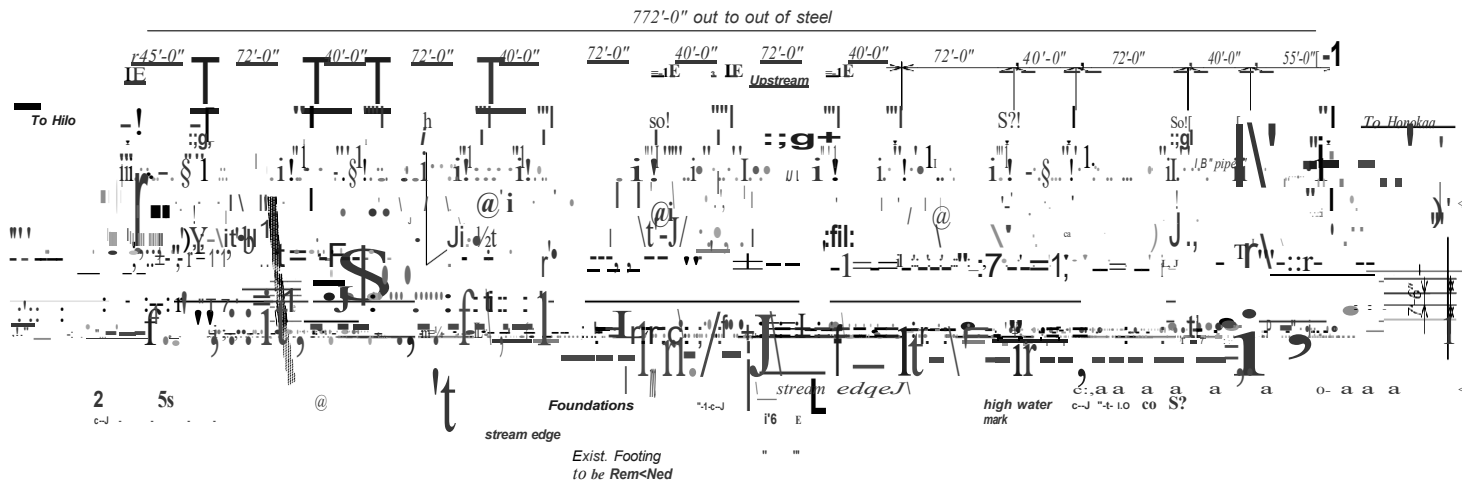
Enclosures



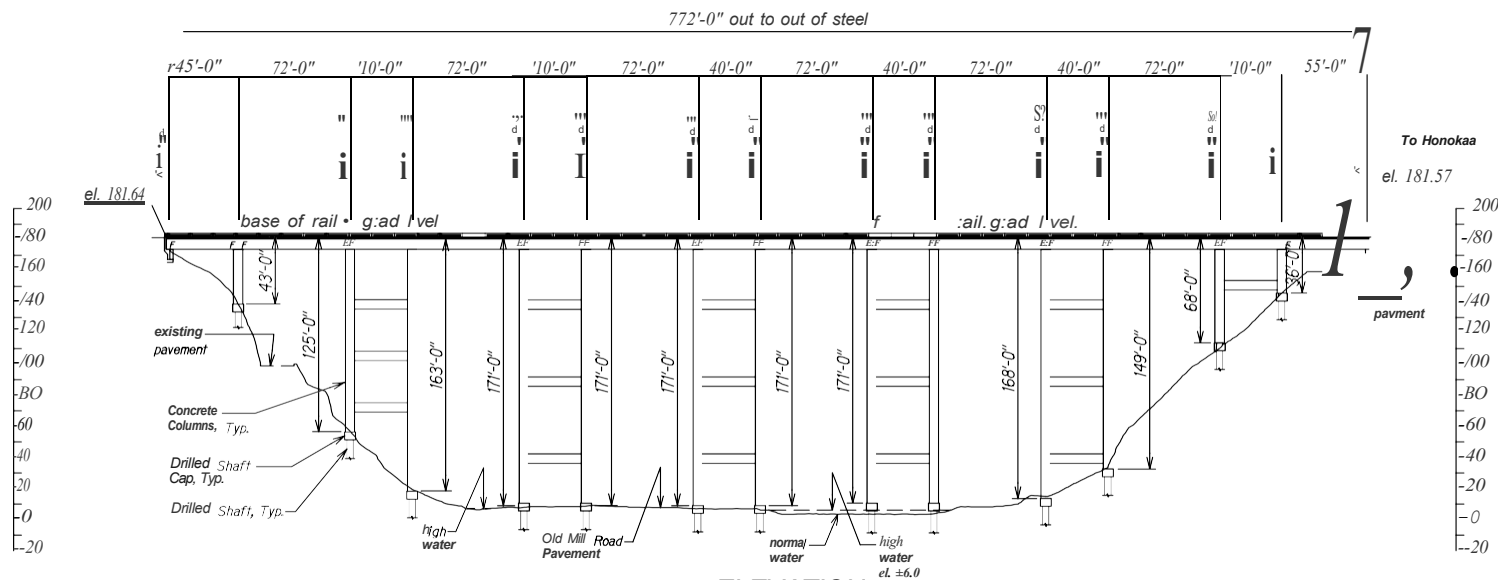




FED. ROAD DIST. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	2022	00



LAYOUT PLAN
Scale: 1" = 40'-0"



ELEVATION
Scale: 1" = 40'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HAWAIIAN HIGHWAYS

**HAKALAU STREAM BRIDGE
LAYOUT PLAN AND ELEVATION**

HAWAII BELT ROAD
HAKALAU STREAM BRIDGE SCOUR REPAIRS
Proj. No. XXX-XX-XX

Scale: As Noted Date: Nov. 2021
SHEET No. **51** OF **c.J** SHEETS

FED. ROAD DIST. NO.		FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	2022		00

Existing
Superstructure
to Remain

Concrete *Beam*

Concrete Column,
Typ.

Concrete Beam,
Typ.

Drilled Shaft/
Cap, Typ.

Drilled Shaft
Typ.

SECTION
Scale: 3/32" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BENTS ELEVATION

HAWAII BELT ROAD
HAKALAU STREAM BRIDGE SCOUR REPAIRS
Proj. No. XXX-XX-XX

Scale: As Noted Date: Nov. 2021

SHEET No. **Sf.2** OF SHEETS