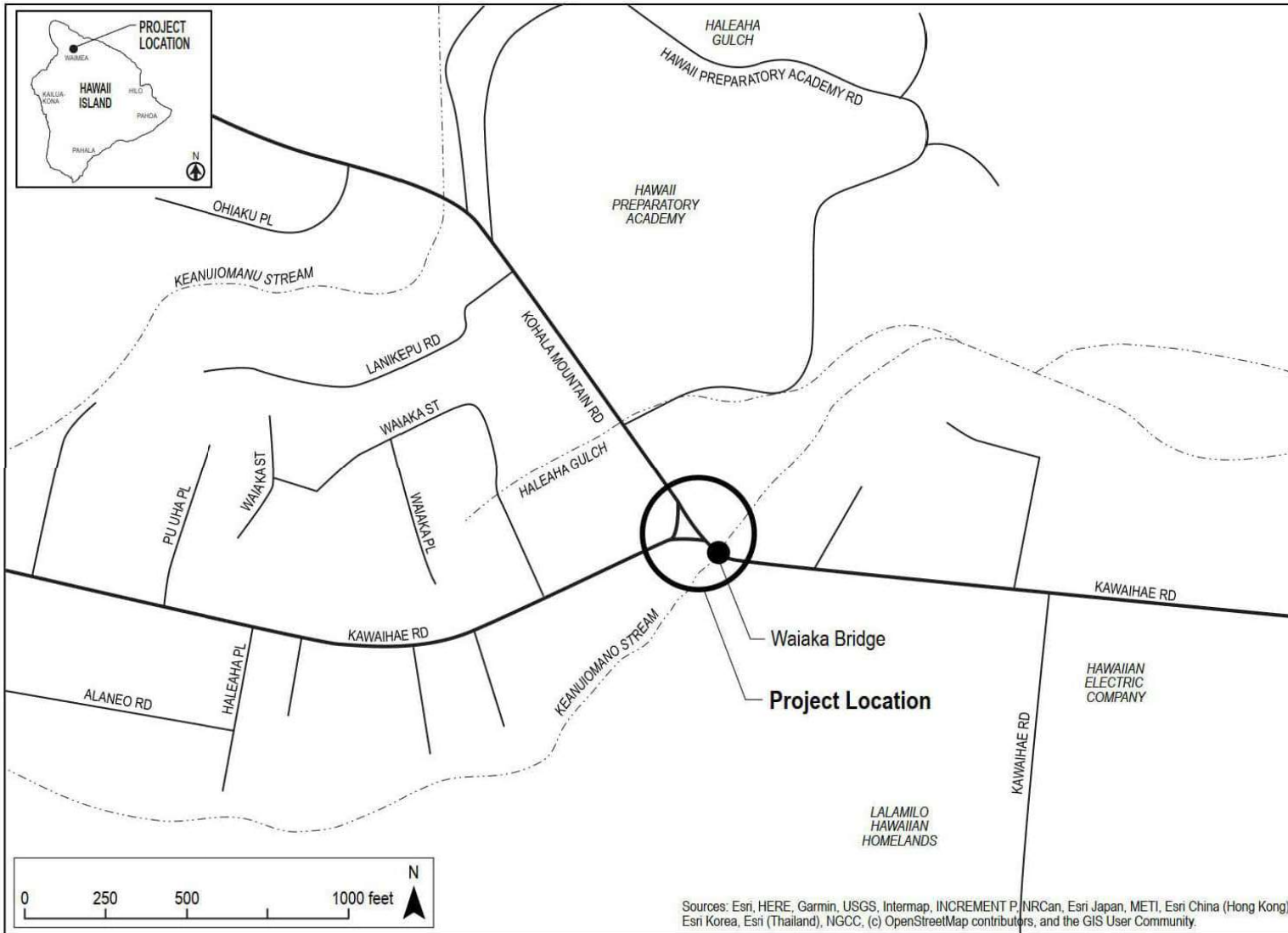


Figure 1-1: Project Location Map





**Photograph of Keanuiomano Stream with the existing Waiaka Bridge to the left**

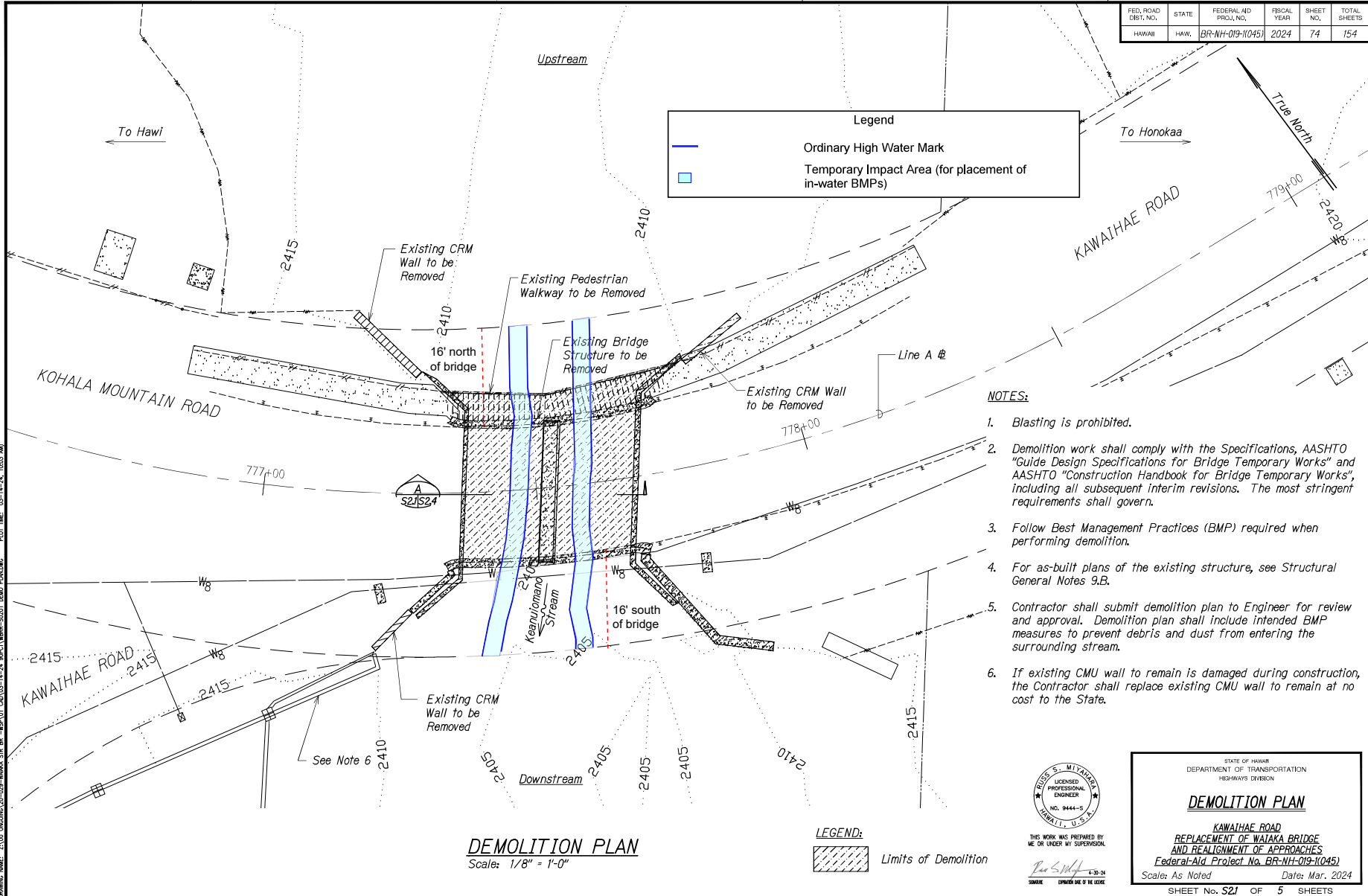


**East Approach, looking Northwest**



**Staging Area Along the South side of Kawaihae Road, East of Project Area**

| FED. ROAD DIST. NO. | STATE  | FEDERAL AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|--------|-----------------------|-------------|-----------|--------------|
| HAWAII              | HAWAII | BR-NH-019-1045        | 2024        | 74        | 154          |



**Legend**

- Ordinary High Water Mark
- Temporary Impact Area (for placement of in-water BMPs)

- NOTES:**
- Blasting is prohibited.
  - Demolition work shall comply with the Specifications, AASHTO "Guide Design Specifications for Bridge Temporary Works" and AASHTO "Construction Handbook for Bridge Temporary Works", including all subsequent interim revisions. The most stringent requirements shall govern.
  - Follow Best Management Practices (BMP) required when performing demolition.
  - For as-built plans of the existing structure, see Structural General Notes 9.B.
  - Contractor shall submit demolition plan to Engineer for review and approval. Demolition plan shall include intended BMP measures to prevent debris and dust from entering the surrounding stream.
  - If existing CMU wall to remain is damaged during construction, the Contractor shall replace existing CMU wall to remain at no cost to the State.

**DEMOLITION PLAN**  
Scale: 1/8" = 1'-0"

**LEGEND:**

- ▨ Limits of Demolition

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.  
*Paul S. Miyahara*  
 LICENSED PROFESSIONAL ENGINEER  
 NO. 9444-S  
 HAWAII, U.S.A.  
 11-23-24  
 SIGNATURE EXPIRES ONE YEAR FROM DATE OF THIS LICENSE

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**DEMOLITION PLAN**

KAWAIHAE ROAD  
 REPLACEMENT OF WAIKAHA BRIDGE  
 AND REALIGNMENT OF APPROACHES  
 Federal-Aid Project No. BR-NH-019-1045

Scale: As Noted Date: Mar. 2024

SHEET No. S21 OF 5 SHEETS

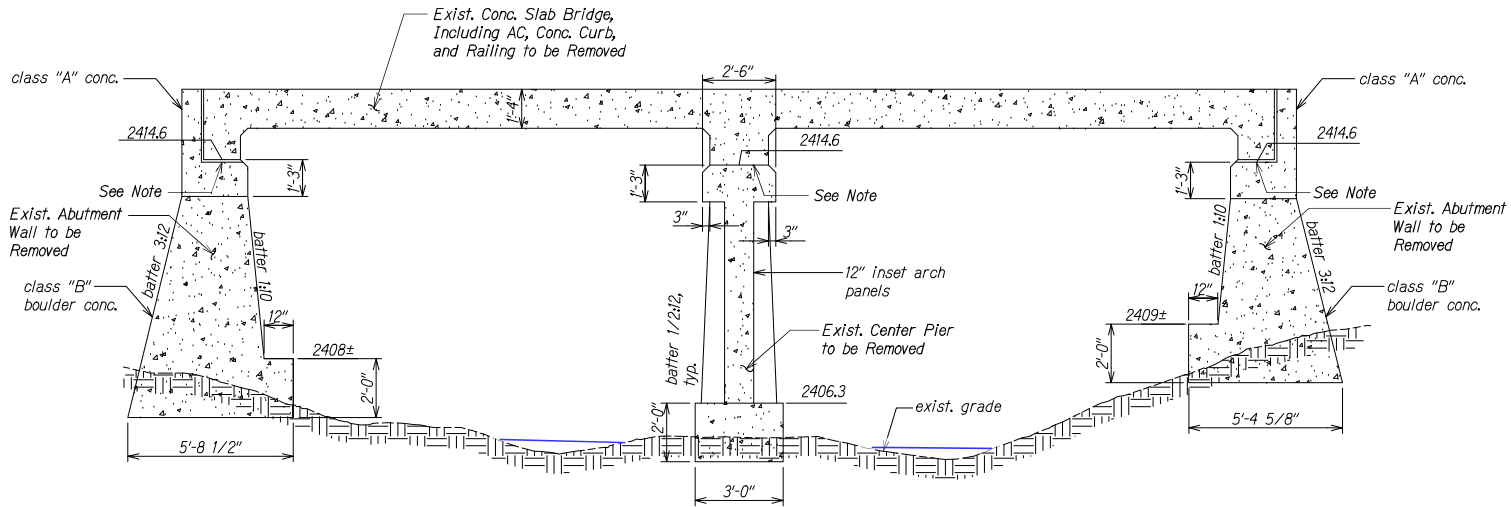
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DRAWING NAME: 2102-000002-02-02P-HAWAII SITE BR - BR-NH-019-1045-11-24 SUBJECT: BRIDGE-REPLACEMENT PLAN SHEET 74 OF 154 DATE: 03-14-24 10:03 AM

To Hawi

To Waimea

| FED. ROAD DIST. NO. | STATE  | FEDERAL AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|--------|-----------------------|-------------|-----------|--------------|
| HAWAII              | HAWAII | BR-NH-019-1045        | 2024        | 77        | 154          |



**Legend**

— Ordinary High Water Mark

**NOTE:**

Existing slab superstructure bears on abutments and pier and is separated by roofing paper and may not be anchored. Contractor shall submit demolition plan to Engineer for review and approval. Demolition plan shall include intended BMP measures to prevent debris and dust from entering the surrounding stream.

**LONGITUDINAL SECTION A**  
 Scale: 1/2" = 1'-0"



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

*Russell S. Mitzel*  
 ENGINEER EXPIRES 06/30/24

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**DEMOLITION  
 LONGITUDINAL SECTION**

KAWAIIHAE ROAD  
 REPLACEMENT OF WAIAKA BRIDGE  
 AND REALIGNMENT OF APPROACHES  
 Federal-Aid Project No. BR-NH-019-1045

Scale: As Noted Date: Mar. 2024  
 SHEET No. S24 OF 5 SHEETS

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| SCALE       |      |
| PROJECT NO. |      |
| SHEET NO.   |      |

DRAWING NAME: Z:\03\_02\CONCRETE\2024\WAIKAWA SITE BR - WAIKAWA\CONCRETE\17-24 WAIKAWA\WBR-2024 DEMO ELEVATIONS PLOT TIME: 03-12-24 10:35 AM