

State of Hawaii  
Department of Health  
Indoor and Radiological Health (IRH) Branch  
Noise Section  
591 Ala Moana Boulevard, Room 133  
Honolulu, Hawaii 96813  
(808) 586-4700

**APPLICATION FOR COMMUNITY NOISE VARIANCE**

Refer to “Guide to Application for Community Noise Variance” for instructions. Submit attachments if necessary. Application form and attachments must be submitted in triplicate.

**1. Applicant Identification**

|                        |                                                        |            |                |
|------------------------|--------------------------------------------------------|------------|----------------|
| Company Name:          | State Department of Transportation                     | Telephone: |                |
| Authorized Individual: | Henry Kennedy                                          | Telephone: | (808) 692-7550 |
| Title:                 | Engineering Program Manager, Design Branch             |            |                |
| Mailing Address:       | 601 Kamokila Boulevard, Room 609<br>Honolulu, HI 96707 |            |                |

**2. Type and purpose of activity**

The State of Hawaii Department of Transportation (HDOT) will be undertaking the Seismic Retrofit, Haleakala Highway, Route 377, Waiale Gulch, Alae (Naalae Gulch, and Pulehu Gulch (Pohakuokala) Bridges project, located along Haleakala Highway, Kula, Maui. See Attachment 1 Location Map.

The project’s purpose is to rehabilitate and seismic retrofit three bridges (Alae Bridge, Pohakuokala Bridge and Waiale Bridge) along Haleakala Highway.

Full roadway closures of each bridge will be required to construct the bridge abutments as this will require excavation behind the abutment approaches, filling in the excavated area with concrete and the installation of soil nails. This work will require full closure of each bridge for up to thirty (30) days per bridge.

Since the abutment construction will require the closure of each bridge, we are also proposing to cover the following work during day, nighttime and weekend hours:

- Pier construction including removing debris from the bridge piers, wrapping piers with carbon fiber and pier footing upgrades
- Replacement of creep blocks at the bridge bents

See Attachment 2 Scope of Work for project plans.

### **3. Location of activity**

The project is located at Alae Bridge, Pohakuokala Bridge and Waiale Bridge along Haleakala Highway in Kula on the island of Maui.

All work proposed during Noise Variance hours will be within the State of Hawaii Department of Transportation's right-of-way. The Project also includes a staging area to support construction activities. Staging areas are places where equipment would be parked / stored during the day and would be mobilized at the beginning of work activities during Noise Variance hours; staging areas may be used during a portion of or throughout the Project's construction duration.

The proposed project's staging areas are located within HDOT rights-of-way adjacent to each bridge. See Attachment 1 Location Map for details regarding the Project location, including Staging Area.

### **4. Time of activity**

The project's anticipated start date is as early as November 1, 2026 and major construction activities are expected to be completed within 2 years.

The project requires night and weekend work for the construction of the bridge abutments. The construction of the three bridge's abutments are proposed to be performed through the daytime, nights and weekends for up to thirty consecutive days of bridge closures at each bridge, a total of 90 days over the duration of the entire project.

The abutment construction would not be scheduled during the seabird fledging season (September 15 to December 15). In addition, HDOT typically suspends construction-related road closures on major state highways during State holidays and during the Holiday season.

We are requesting a Community Noise Variance for two years, from November 1, 2026 to October 31, 2028.

A breakdown of the proposed work hours per day for which the variance is being requested is as follows:

- Saturday 6:00 p.m. to Monday 7:00 a.m.
- Monday 6:00 p.m. to Tuesday 7:00 a.m.
- Tuesday 6:00 p.m. to Wednesday 7:00 a.m.
- Wednesday 6:00 p.m. to Thursday 7:00 a.m.
- Thursday 6:00 p.m. to Friday 7:00 a.m.
- Friday 6:00 p.m. to Saturday 9:00 a.m.

### **5. Estimated duration of construction activity (Specify dates)**

The construction duration is estimated to occur from November 1, 2026 to approximately October 31, 2028. A Community Noise Variance is being requested for a two-year duration.

## 6. Schedule of activity (Submit as attachment)

The construction of the entire project is anticipated to be from November 1, 2026 to approximately October 31, 2028. The abutment construction will require the bridge to be closed for up to thirty consecutive days at each bridge. Once construction commences at each bridge, the abutment construction will be performed during daytime, nighttime and weekend hours. The abutment construction will occur within the 2-year project duration and will occur only during the thirty-day closure period of each bridge, a total of ninety days over the duration of the entire project. The pier construction will occur during the 30-day bridge closure period at each bridge, and may also occur prior to and after the bridge closure period during hours allowed under the Community Noise Permit.

## 7. Description of immediate impact area

Existing land use description along Haleakala Road at the three bridges and the staging area are as follows:

| Zone Class                       | Zone Description      |
|----------------------------------|-----------------------|
| <b><u>Alae Bridge</u></b>        |                       |
| AG                               | Agricultural District |
| RU-0.5                           | ½ Acre Rural          |
| <b><u>Pohakuokala Bridge</u></b> |                       |
| AG                               | Agricultural District |
| INT                              | Interim               |
| P-1                              | Public/Quase-Public   |
| R-3                              | Residential           |
| RU-0.5                           | ½ Acre Rural          |
| <b><u>Waiale Bridge</u></b>      |                       |
| AG                               | Agricultural District |

Attachment 3 Zoning Map provides zoning classifications for the affected surrounding area. Within a 500-foot radius of the project area, including access road and staging areas, there are only residential properties and undeveloped agricultural land.

## 8. List of equipment to be utilized (attach list if necessary)

Equipment proposed to be used and their respective noise levels are shown in Attachment 5 Equipment List.

## **9. Plans and procedures for the attenuation of noise emission emanating from the activity**

Noise abatement measures will include:

- The Contractor will be required to maintain all equipment in good working order. All equipment with an exhaust of gas or air will be equipped with mufflers. Any equipment found to be in poor repair or not in compliance with applicable regulations of the State of Hawaii or the County of Maui shall be corrected prior to any use.
- Department of Transportation field personnel and the general contractor will monitor all equipment and construction activities on the job site to ensure the use of noise abatement measures. The Contractor will immediately correct any violations that occur.
- Instructional meetings will be held for construction crews and truck drivers to discuss noise abatement procedures, including the use of engine brakes, loading and unloading cargo, shouting, use of signal callers, and other practices as required.
- A job-site representative will be designated to whom immediate complaints can be forwarded for prompt response and who will have the general responsibility of monitoring quiet work procedures.
- The Contractor will have a corrective action program in place that lays out steps and responsibilities to respond to complaints and correct deficiencies.

## **10. Identify specific provisions of statutes or rules for which the variance is requested (include specific sections)**

The specified rules for which the variance is requested are:

- Hawaii Administrative Rules (HAR), Title 11, Chapter 46, Section 7-(j)-(1), which states “No permit shall allow any construction activities which emit noise...before 7 a.m. and after 6 p.m. of the same day, Monday thru Friday,”;
- HAR, Title 11, Chapter 46, Section 7-(j)-(2), which states “No permit shall allow any construction activities which emit noise...before 9 a.m. and after 6 p.m., on Saturday.”; and
- HAR, Title 11, Chapter 46, Section 7-(j)-(3), which states that “No permit shall allow any construction activities which emit noise...on Sundays and on Holidays.”

## **11. Description of alternatives to the proposed activity**

Alternatives to the proposed activity include either (1) no action, or (2) limit construction of the project to daytime hours only.

- No action (Alternative 1) was eliminated from consideration because it fails to address the project’s purpose and need to upgrade Alae Bridge, Pohakuokala Bridge and Waiale Bridge to current seismic standards.

- Limiting construction to daytime hours (Alternative 2) was also eliminated from consideration since performing the abutment construction only during daytime hours would lengthen the timeframe that the bridges would be closed.

## **12. Describe why the present or proposed activity cannot be altered to comply with applicable statutes or rules**

See response for Alternative 2 in Question 11.

Altering the proposed night and weekend work hours to only daytime hours would lengthen the duration of days that the three bridges would be closed, thereby causing a great inconvenience to the motoring public.

## **13. Description of any adverse environmental effects which cannot be avoided**

No significant adverse environmental impacts are expected to be caused by the proposed night time and weekend construction of the Alae Bridge, Pohakuakala Bridge and Waiale Bridge abutments. The potential impacts are expected to be short-term and will only last up to thirty consecutive days to complete at each bridge.

## **14. Discuss the relationship between short-term (temporary) use of the environment, and the maintenance and enhancement of long-term productivity**

The proposed night and weekend work is intended to shorten the duration of full closure of the Alae Bridge, Pohakuakala Bridge and Waiale Bridge. The elevated noise emissions generated may be bothersome to some in the immediate area, but they will be temporary and short in duration.

The long-term project benefit will allow for continued operation of the three (3) bridges and avoid full bridge replacement along Haleakala Highway.

## **15. Discuss any irreversible and irretrievable commitments of resources which would be involved in the proposed activity.**

The activities involved with this work effort will consume energy, concrete materials, and labor.

## **16. Discuss any possible impact from noise created by any proposed nighttime activity which may affect the immediate surrounding area**

The surrounding area is residential and agricultural and may experience some temporary inconvenience due to noise generated by nighttime construction.

The most common noise source during construction will be engine powered machinery. The loudest noise will be generated by the concrete saw, hoeram, jack hammer and pavement

scarifier machine. Mobile equipment (e.g., trucks) operates in a cyclic manner, and stationary equipment (e.g., generators and compressors) generate noise at fairly constant levels.

## **17. Discuss any plans or procedures for notification of people in the surrounding area of any planned nighttime activity**

The following public notices and outreach will be conducted:

### Notifications of the 30-Day Public Review Period

- For this Noise Variance, HDOT proposes to publish a newspaper advertisement in the *The Maui News* regarding the proposed night work and invite the public to comment during the 30-day Public Review period. A draft of the proposed newspaper announcement is provided in Attachment 6 Newspaper Ad.
- Residents and businesses within a 500-foot radius of the bridges including staging areas (see Attachment 4 Noise Map), will be sent notices informing them about the 30-day Public Review period and inviting them to comment on the proposed night and weekend work. See Attachment 7 Mailing List and Attachment 8 Notice to Residents and Businesses flyer.
- The Maui County Council Upcountry, Hawaii State Senate District 5 Representative, Hawaii State District 12 Representative will be contacted to inform them about the Public Review Period and to solicit comments on the Community Noise Variance.
- The public will be allowed 30 calendar days to submit written comments.

### Notification and Updates Prior to and During Construction

- Residents in surrounding neighborhoods that may use the roadway and be impacted by the project will be given advanced notice in advance of work during Community Noise Variance hours.
- Residents and businesses within a 500-foot radius of the bridges including staging areas, will also be sent notices in advance of the start of night and weekend work and will be provided with the Department of Transportation's website information and name and phone number of a contact person, as previously noted. The website will be regularly updated with times and locations of night work. Any complaints should be directed to the contact person for response. See Attachment 4 Noise Map which identifies the affected residences and businesses within a 500 foot radius of the project. See Attachment 7 Mailing List and Attachment 9 Notice to Motorist flyer which will be distributed prior to construction.
- The Maui County Council Upcountry Representative, Hawaii State Senate District 5 Representative, Hawaii State District 12 Representative will be contacted to inform them about the start of the proposed night work.
- Message boards will be located within the project limits, in both directions to notify motorists of night work several days prior to the start of construction in the area.

## **18. Describe the purpose of the project as relating to public interest**

The purpose of the proposed project is to rehabilitate and seismic retrofit three Maui bridges (Alae Bridge, Pohakuokala Bridge and Waiale Bridge). This requires night work to construct the bridge abutments. This work will improve the service life of the three bridges.

Maintaining HDOT's Highways infrastructure will allow the highway to operate more efficiently, improve vehicular safety and motorist comfort, and achieve higher energy savings. Additionally, regular maintenance such as this defers complete bridge replacement, which is a much costlier and time-consuming endeavor.

CERTIFICATION OF INDIVIDUAL AUTHORIZED TO ACT FOR APPLICANT

I, Henry Kennedy, certify that I have

*Print Name*

knowledge of the facts herein set forth and that the same are true and correct to the best of my knowledge and belief.

Signature Henry Kennedy

Date 02/04/2026

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**FOR DEPARTMENT OF HEALTH USE ONLY**

Date received \_\_\_\_\_

Variance Appl. Number \_\_\_\_\_

Variance Docket Number \_\_\_\_\_

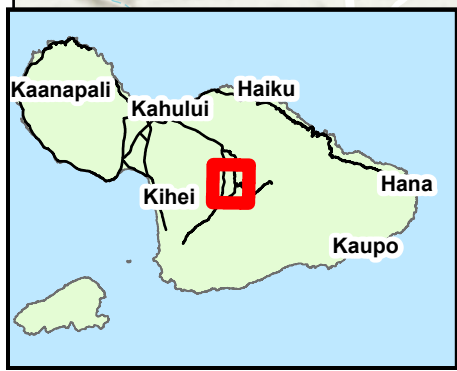
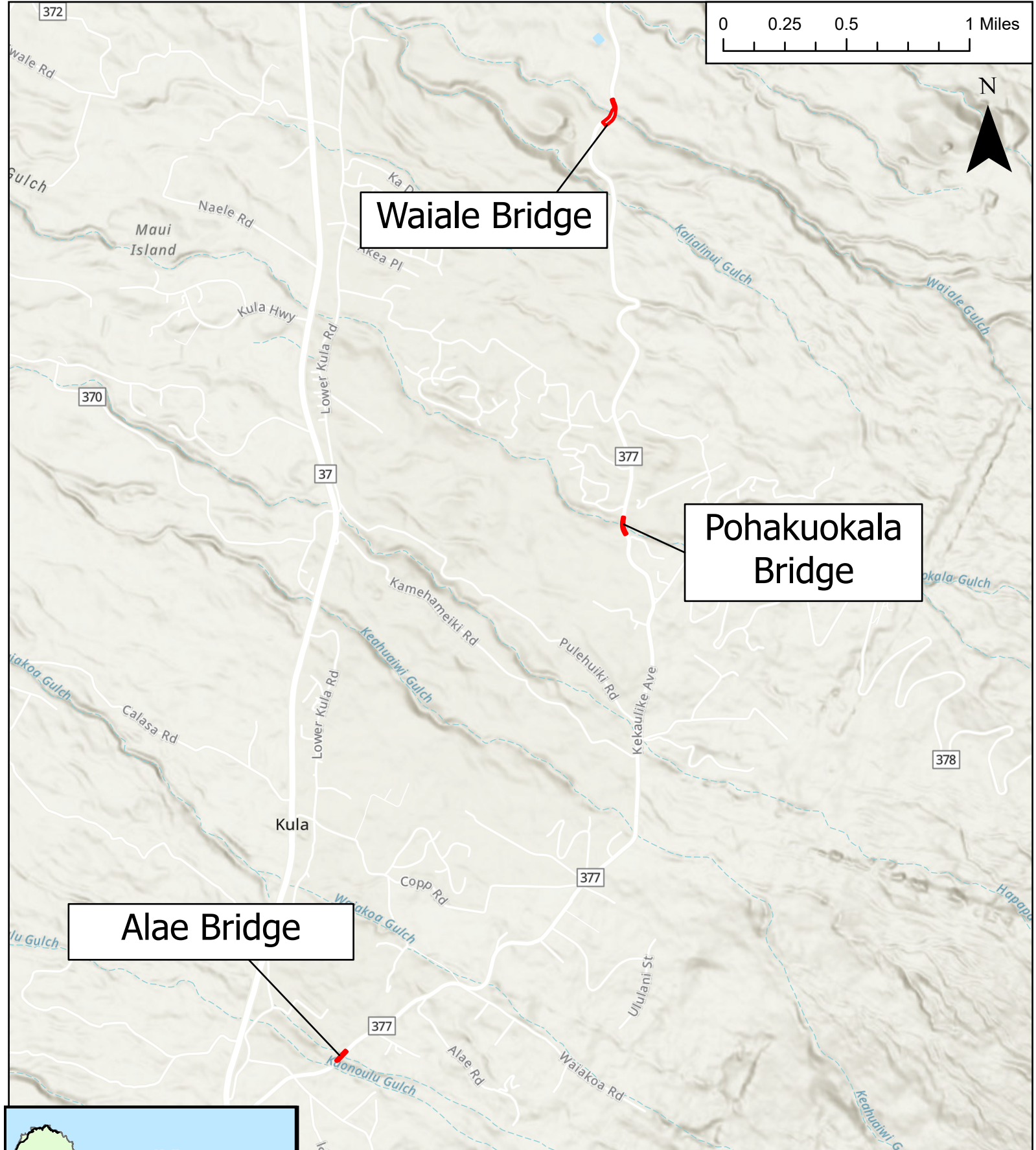
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Receipt No. \_\_\_\_\_

Date Issued \_\_\_\_\_

Exp. Date \_\_\_\_\_

**Attachment 1**  
Location Map



### Legend

 Project Area

### Attachment 1 Project Location Map

**Seismic Retrofit, Haleakala Highway  
Route 377, Waiale Gulch, Alae  
(Naalae Gulch), and Pulehu Gulch  
(Pohakuokala) Bridges Project**

## **Attachment 2**

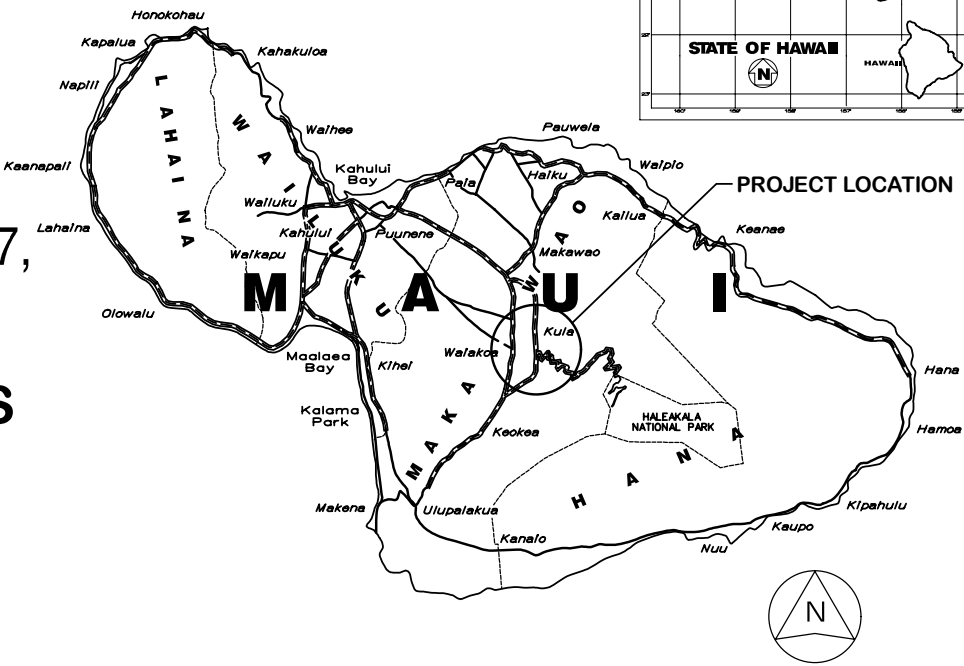
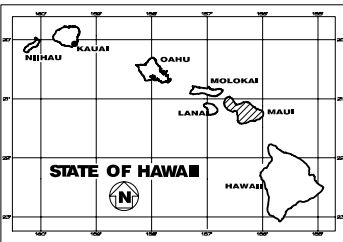
### Scope of Work

| INDEX TO DRAWINGS |                                          |
|-------------------|------------------------------------------|
| SHEET NO.         | DESCRIPTION                              |
| 1                 | TITLE SHEET                              |
| 2                 | STANDARD PLAN SUMMARY                    |
| 3 - 13            | GENERAL NOTES                            |
| 14                | LEGEND AND ABBREVIATIONS                 |
| 15                | GENERAL LAYOUT PLAN                      |
| 16 - 22           | EROSION CONTROL NOTES, PLANS AND DETAILS |
| 23 - 25           | ALIGNMENT & ROADWAY PLANS                |
| 26 - 28           | SCOUR PROTECTION PLANS                   |
| 29 - 32           | SIGNING AND STRIPING NOTES, PLANS        |
| 33 - 49           | TRAFFIC CONTROL NOTES, PLANS             |
| 50 - 118          | STRUCTURAL PLANS                         |
| 119 - 126         | BORING LOG NOTES, PLANS AND DETAILS      |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
HONOLULU, HAWAII

PLANS FOR  
SEISMIC RETROFIT, HALEAKALA HIGHWAY ROUTE 377,  
WAIALE GULCH, ALAE (NAALAE GULCH),  
AND PULEHU GULCH (POHAKUOKALA) BRIDGES  
FEDERAL-AID PROJECT NO. STP-0377(008)  
DISTRICT OF MAKAWAO  
ISLAND OF MAUI

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-0377(008)      | 2026        | 1         | 126          |



5 0 5 10  
SCALE IN MILES

----- FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION

PROJECT SITES

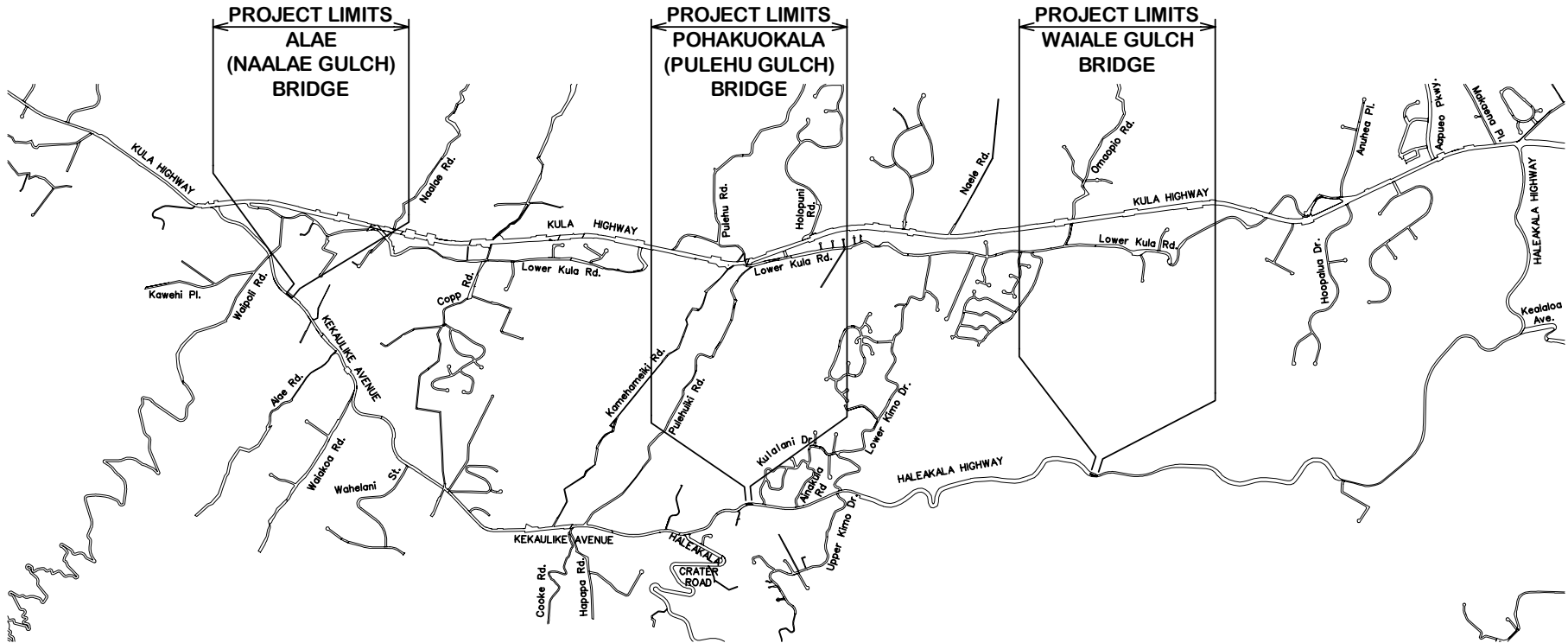
WAIALE GULCH BRIDGE  
MILE POST 3.71 TO MILE POST 3.74

ALAE (NAALAE GULCH) BRIDGE  
MILE POST 8.53 TO MILE POST 8.56

POHAKUOKALA (PULEHU GULCH) BRIDGE  
MILE POST 5.62 TO MILE POST 5.64

DESIGN DESIGNATION

| Traffic Data | Haleakala Highway, Waiale Bridge - Waiale Gulch<br>Kula Hwy to Haleakala Crater Road | Haleakala Highway, Pohakuokela Bridge - Pulehu Gulch<br>Kula Hwy to Haleakala Crater Road | Kekaulike Avenue, Alae Bridge - Naalae Gulch<br>Haleakala Crater Road to Kula Hwy |
|--------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| ADT (2024)   | 4,500                                                                                | 4,500                                                                                     | 1,700                                                                             |
| ADT (2034)   | 5,100                                                                                | 5,100                                                                                     | 1,900                                                                             |
| ADT (2044)   | 5,700                                                                                | 5,700                                                                                     | 2,100                                                                             |
| DHV (2034)   | 480                                                                                  | 480                                                                                       | 180                                                                               |
| DHV (2044)   | 540                                                                                  | 540                                                                                       | 200                                                                               |
| Design K     | 9.5                                                                                  | 9.5                                                                                       | 9.5                                                                               |
| Design D     | 55/45                                                                                | 55/45                                                                                     | 55/45                                                                             |
| Design T     | 6.0                                                                                  | 6.0                                                                                       | 6.0                                                                               |
| T24          | 6.0                                                                                  | 6.0                                                                                       | 6.0                                                                               |



LAYOUT PLAN



NOT TO SCALE  
GROSS LENGTH OF PROJECT 5.00 MILES  
NET LENGTH OF PROJECT 0.10 MILES

DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII

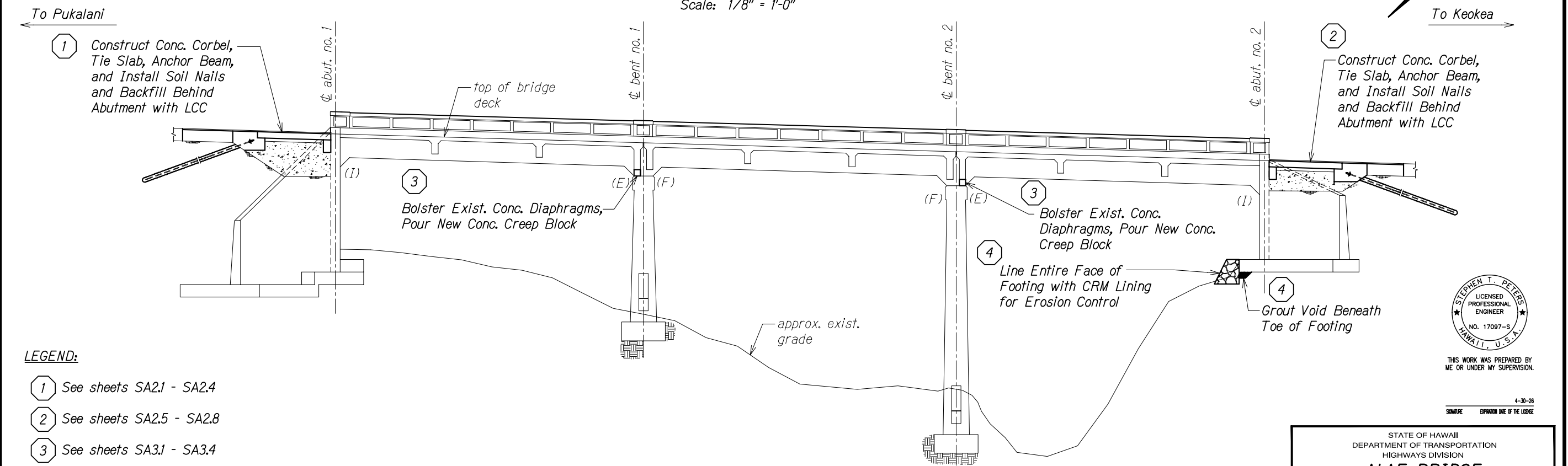
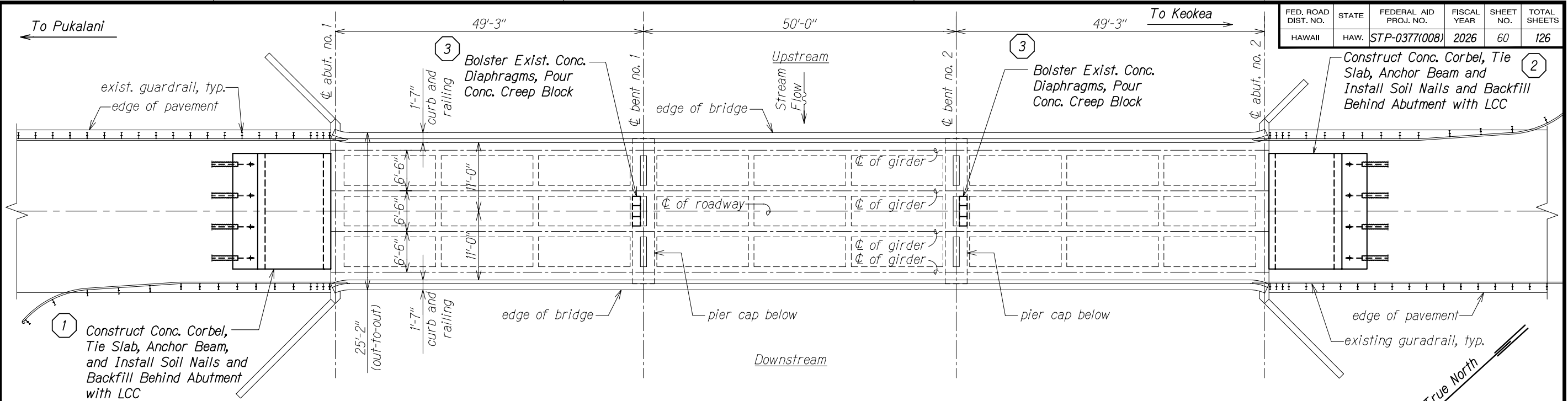
APPROVED:

HIGHWAYS ADMINISTRATOR DATE

|               |                   |      |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK     | DESIGNED BY       |      |
|               | CHECKED BY        |      |

WSP USA DESIGNED BY MAUI DISTRICT MANAGED BY 587-X PHONE DEC. 2025 DATE

| FED. ROAD DIST. NO. | STATE | FEDERAL AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-0377(008)         | 2026        | 60        | 126          |



- LEGEND:**
- ① See sheets SA2.1 - SA2.4
  - ② See sheets SA2.5 - SA2.8
  - ③ See sheets SA3.1 - SA3.4
  - ④ See sheet SA4.1
  - (A) Integral Abutment
  - (E) Expansion Bearing
  - (F) Fixed Bearing

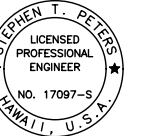
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ALAE BRIDGE**  
**PLAN AND LONG. SECTION**

**SEISMIC RETROFIT, HALEAKALA HIGHWAY ROUTE 377**  
**Waiale Gulch, Alae (Naalae Gulch) and**  
**Pulehu Gulch (Pohakuokala) Bridges**  
**Federal Aid Project No. STP-0377(008)**

Scale: As Noted      Date: Dec, 2025

SHEET No. **SA11** OF **4** SHEETS



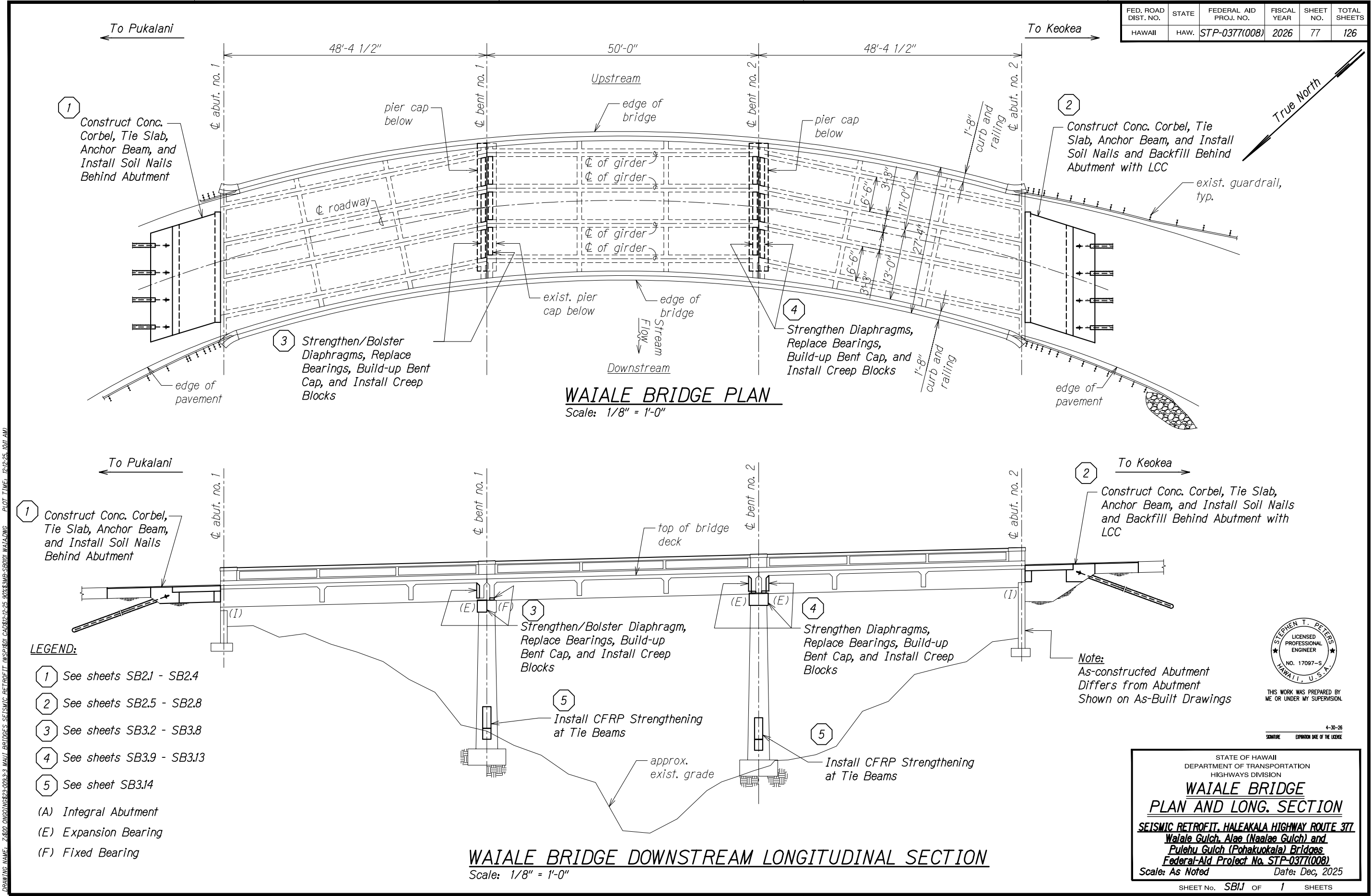
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

4-30-26  
SIGNATURE      EXPIRATION DATE OF THE LICENSE

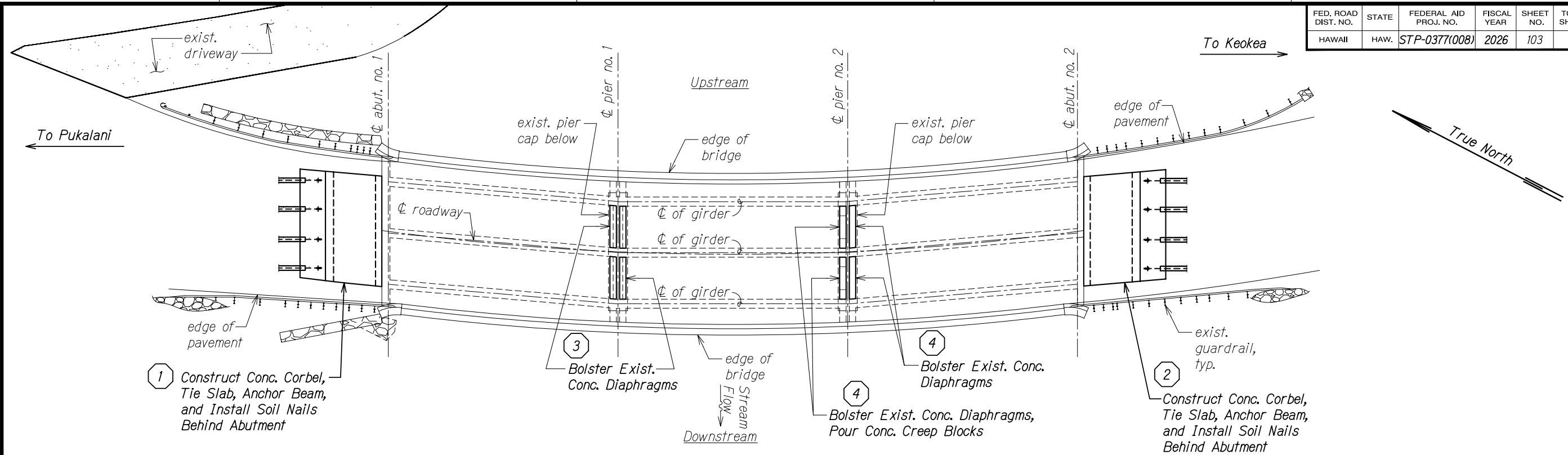
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|               | DRAWN BY          |      |
|               | TRACED BY         |      |
|               | CHECKED BY        |      |
| NOTE BOOK     | QUANTITIES BY     |      |
|               | CHECKED BY        |      |
| No.           |                   |      |

DRAWING NAME: 2-800-DWG/NGS/2-003-3-3 MAUI BRIDGES SEISMIC RETROFIT (NPSISU) CAD92-12-25 90433MP-S4001 ALAE.DWG      PLOT TIME: 12-12-25 9:56 AM

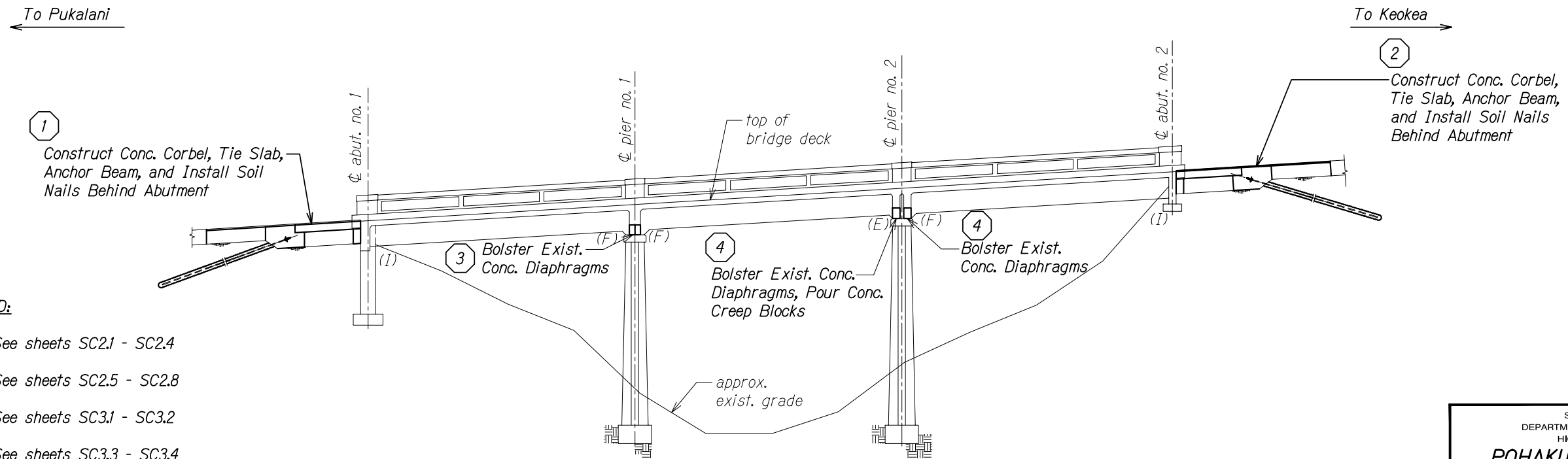
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|---------------------|-------|-----------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-0377(008)         | 2026        | 77        | 126          |



| FED. ROAD DIST. NO. | STATE | FEDERAL AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-0377(008)         | 2026        | 103       | 126          |



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



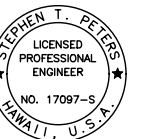
**LEGEND:**

- 1 See sheets SC2.1 - SC2.4
- 2 See sheets SC2.5 - SC2.8
- 3 See sheets SC3.1 - SC3.2
- 4 See sheets SC3.3 - SC3.4
- (A) Integral Abutment
- (E) Expansion Bearing
- (F) Fixed Bearing

**POHAKUOKALA BRIDGE DOWNSTREAM LONGITUDINAL SECTION**  
Scale: 1/8" = 1'-0"

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| TRACED BY         |      |
| CHECKED BY        |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| No.               |      |

DRAWING NAME: 2-300 DINGUNGS-2-003-3 MAUI BRIDGES SEISMIC RETROFIT (NPSIS) CAD92-12-25 9043MB-SC001 POHAOKA PLOT TIME: 12-12-25 11:43 AM



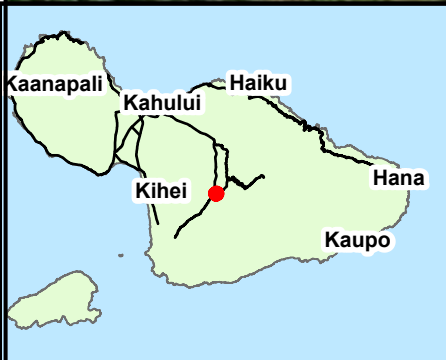
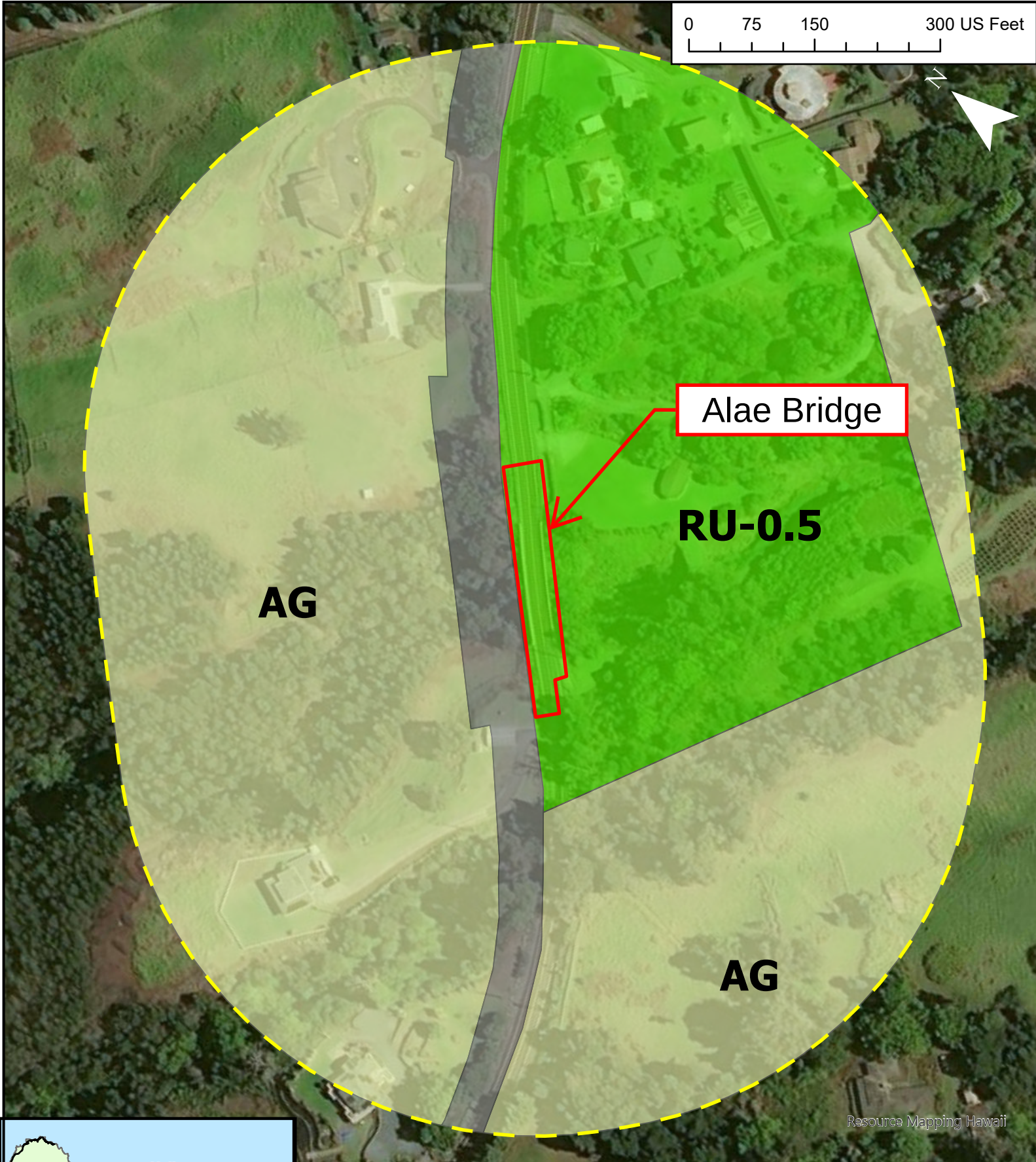
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION.

4-30-26  
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**POHAKUOKALA BRIDGE  
PLAN AND LONG. SECTION**  
**SEISMIC RETROFIT, HALEAKALA HIGHWAY ROUTE 377  
Waiale Gulch, Alae (Naalae Gulch) and  
Pulehu Gulch (Pohakuokala) Bridges  
Federal Aid Project No. STP-0377(008)**  
Scale: As Noted Date: Dec, 2025

SHEET No. SC11 OF 1 SHEETS

**Attachment 3**  
Zoning Map

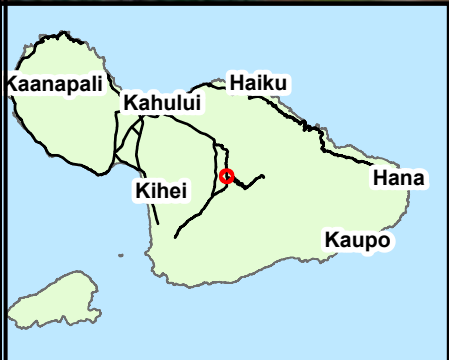
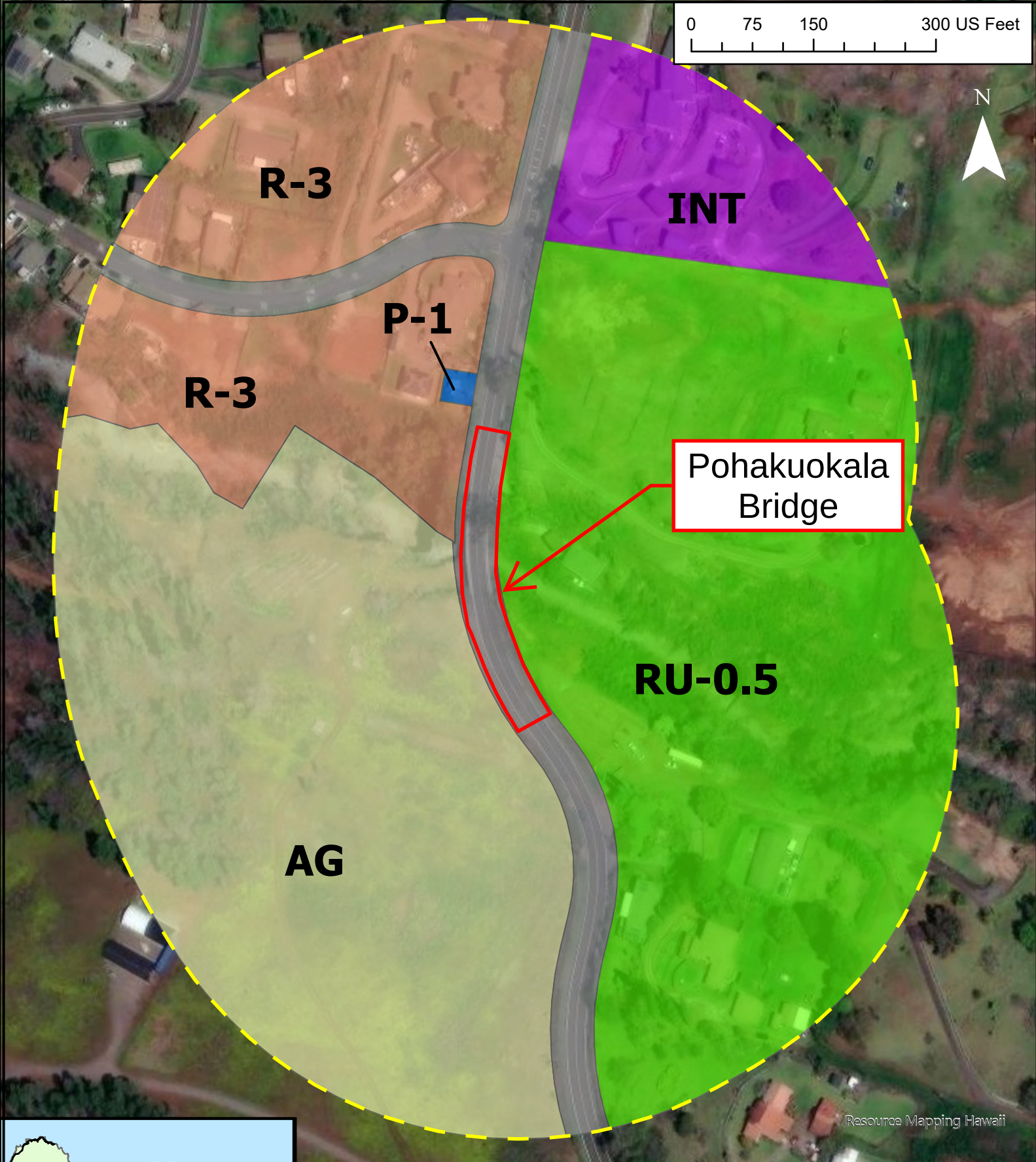


### Legend

- |                                                                                                     |                                                                                                              |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|  Project Area    |  Zone                     |
|  500 Foot Buffer |  Agriculture- AG          |
|                                                                                                     |  Rural - 1/2 Acre- RU-0.5 |
|                                                                                                     |  Road                     |

### Attachment 3 Alae Zoning Map

**Seismic Retrofit, Haleakala Highway  
Route 377, Waiale Gulch, Alae  
(Naalae Gulch), and Pulehu Gulch  
(Pohakuokala) Bridges Project**

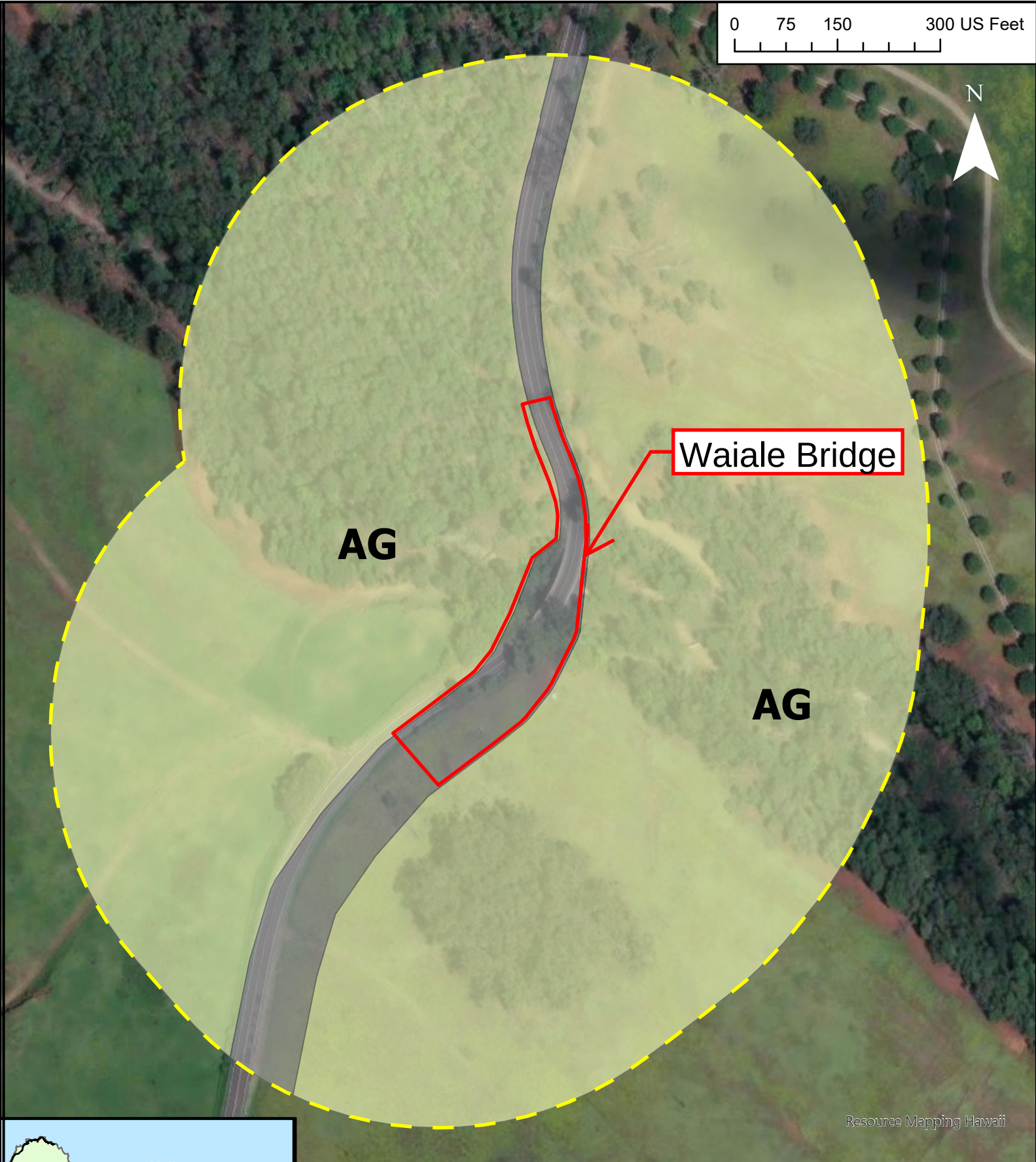


| Legend          |                          |
|-----------------|--------------------------|
| Project Area    | Public/Quasi-Public- P-1 |
| 500 Foot Buffer | Residential- R-3         |
| Zone            |                          |
| Agriculture- AG | Rural - 1/2 Acre- RU-0.5 |
| Interim- INT    | Road                     |

**Attachment 3**  
**Pohakuokala Zoning Map**

**Seismic Retrofit, Haleakala Highway**  
**Route 377, Waiale Gulch, Alae**  
**(Naalae Gulch), and Pulehu Gulch**  
**(Pohakuokala) Bridges Project**

Resource Mapping Hawaii



0 75 150 300 US Feet

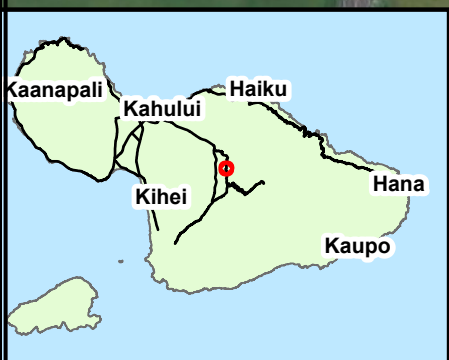


Waiale Bridge

AG

AG

Resource Mapping Hawaii



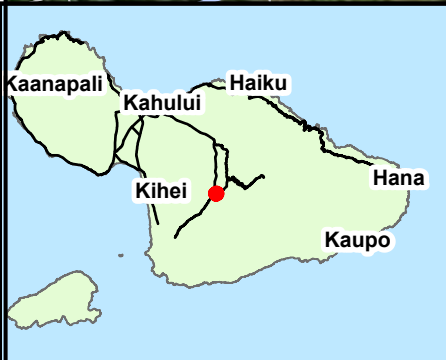
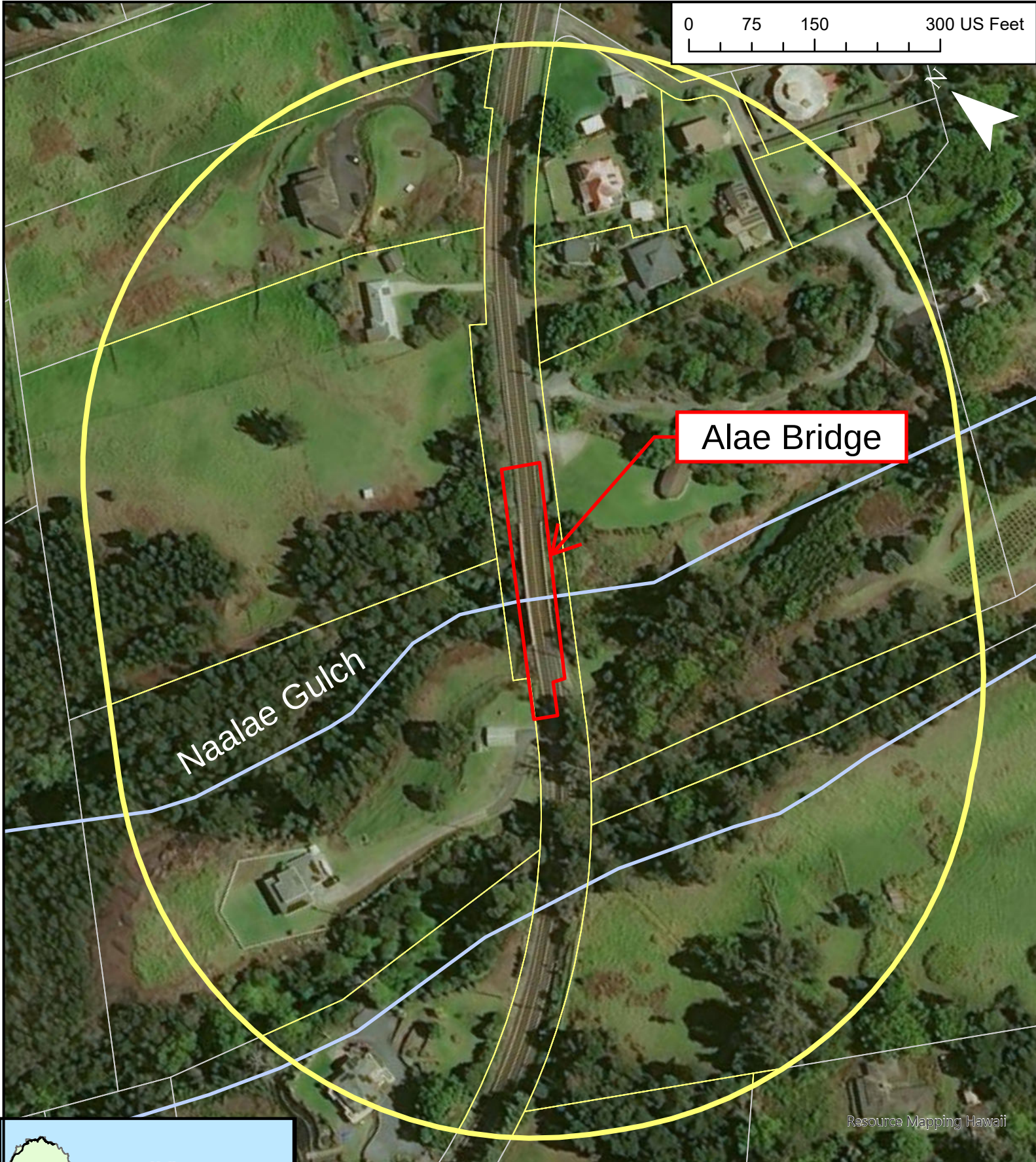
### Legend

-  Project Area
-  500 Foot Buffer
- Zone
  -  Agriculture- AG

### Attachment 3 Waiale Zoning Map

**Seismic Retrofit, Haleakala Highway  
Route 377, Waiale Gulch, Alae (Naalae  
Gulch), and Pulehu Gulch  
(Pohakuokala) Bridges Project**

**Attachment 4**  
Noise Map

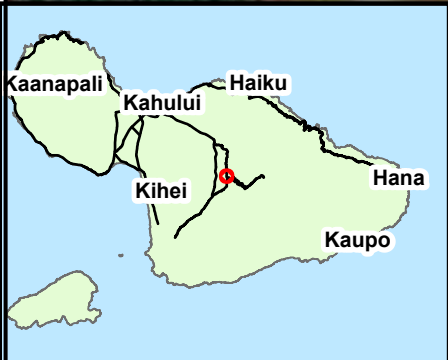
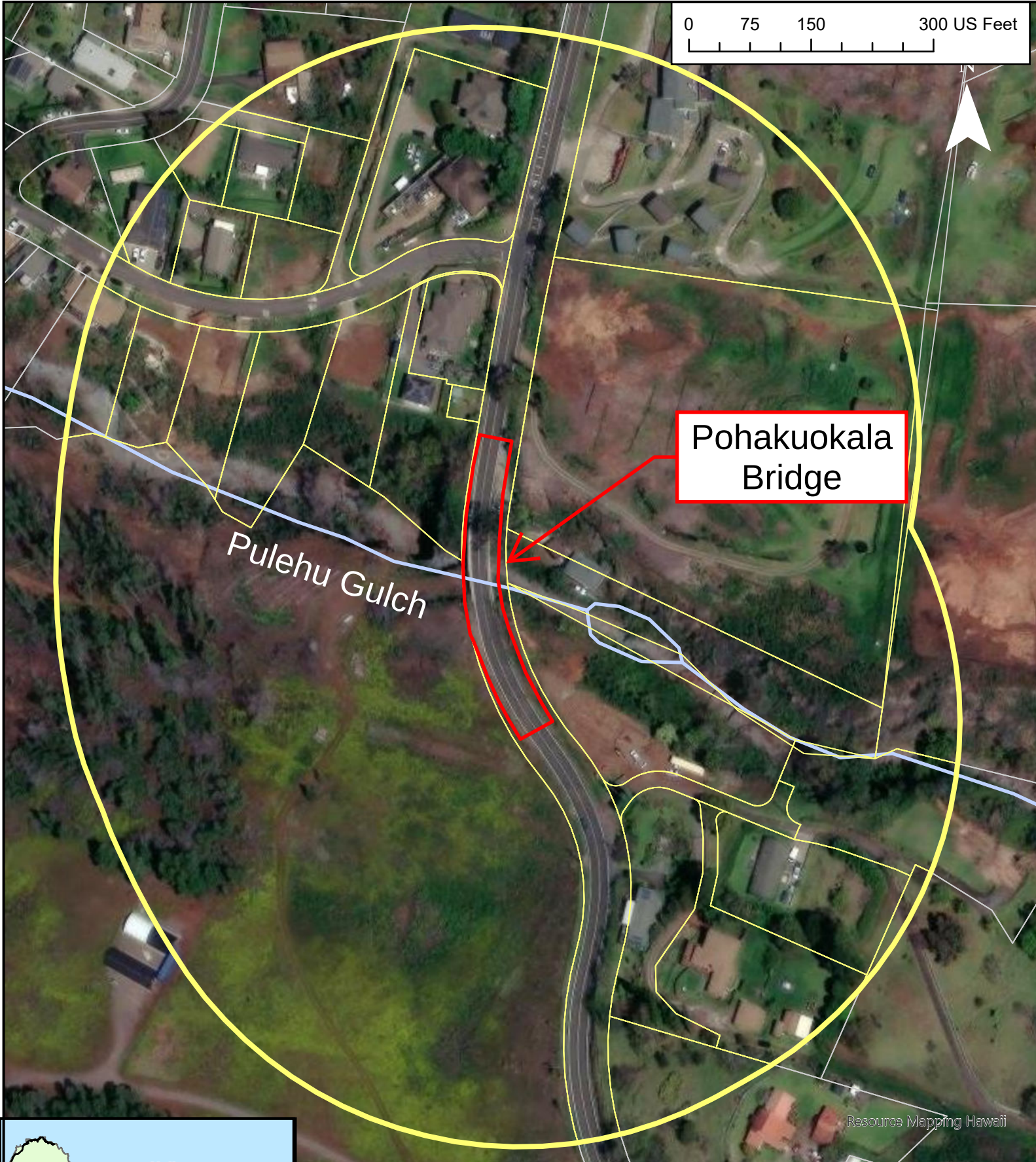


| Legend                                                                              |                             |
|-------------------------------------------------------------------------------------|-----------------------------|
|  | Project Area                |
|  | 500 foot buffer             |
|  | TMK Parcels within 500 feet |
|  | Streams                     |
|  | TMK Parcels                 |

**Attachment 4**  
**Alae 500 Foot Buffer Map**

**Seismic Retrofit, Haleakala Highway Route 377, Waiale Gulch, Alae (Naalae Gulch), and Pulehu Gulch (Pohakuokala) Bridges Project**

Resource Mapping Hawaii

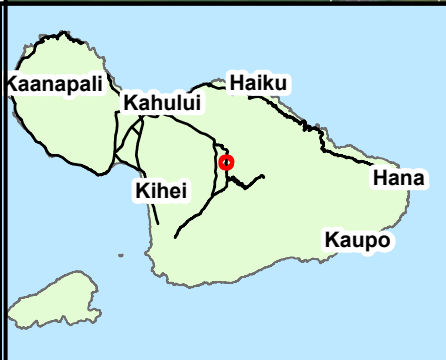
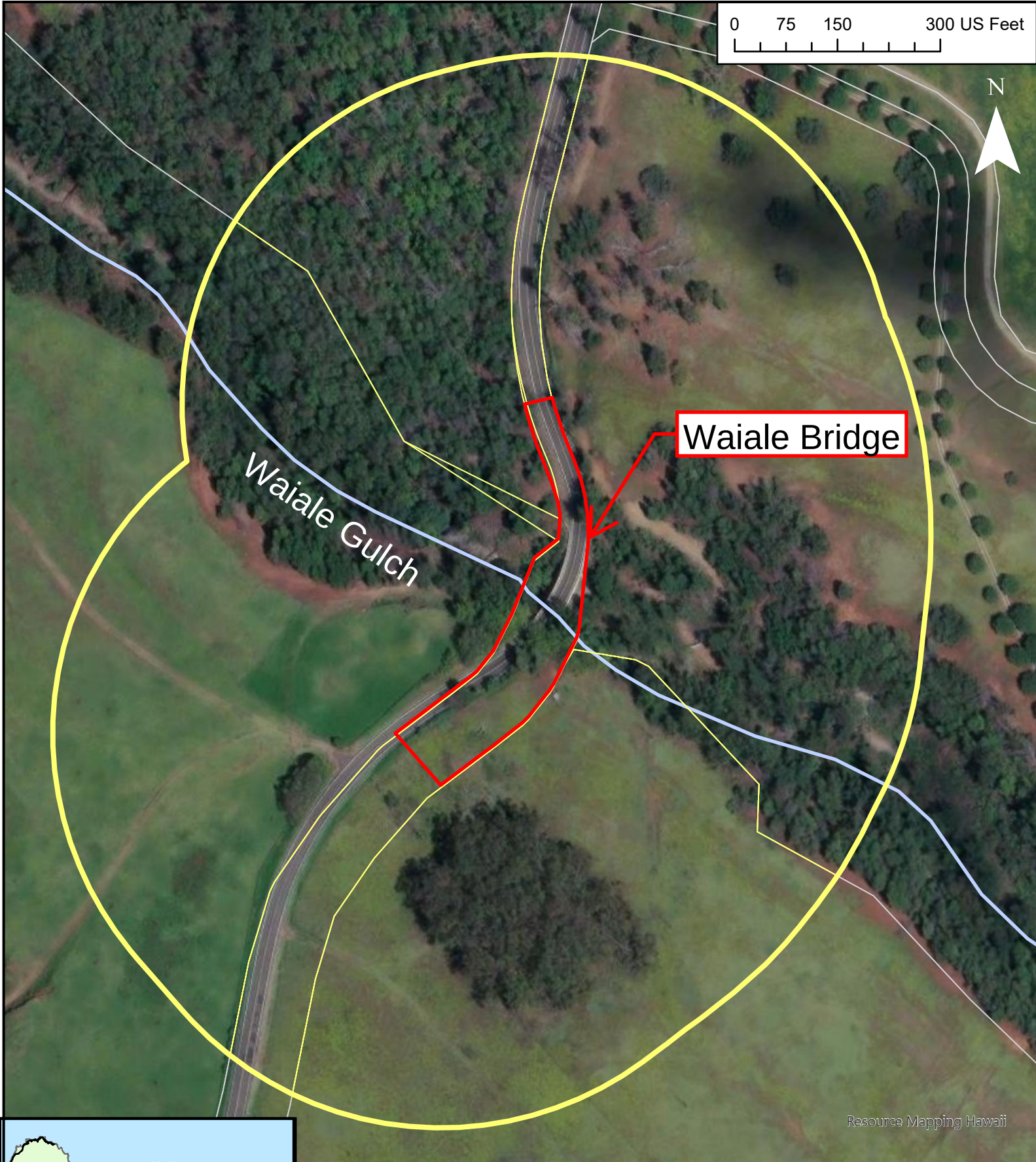


**Legend**

- |                                                                                                                 |                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  Project Area                |  Streams     |
|  500 foot buffer             |  TMK Parcels |
|  TMK Parcels within 500 feet |                                                                                                 |

**Attachment 4  
Pohakuokala 500 Foot Buffer Map**

**Seismic Retrofit, Haleakala Highway  
Route 377, Waiale Gulch, Alae  
(Naalae Gulch), and Pulehu Gulch  
(Pohakuokala) Bridges Project**



**Legend**

|                             |             |
|-----------------------------|-------------|
| Project Area                | Streams     |
| 500 foot buffer             | TMK Parcels |
| TMK Parcels within 500 feet |             |

**Attachment 4**  
**Waiale 500 Foot Buffer Map**

**Seismic Retrofit, Haleakala Highway Route 377, Waiale Gulch, Alae (Naalae Gulch), and Pulehu Gulch (Pohakuokala) Bridges Project**

Resource Mapping Hawaii

**Attachment 5**  
Equipment List

The following table provides a list of equipment that is likely to be used along with the associated operational noise levels of that equipment.

| <b>Equipment Description</b>    | <b>Impact Device?</b> | <b>Spec. 721.560 Lmax @ 50 feet (dBA, slow)</b> | <b>Actual Measured Lmax @ 50 feet (dBA, slow) (Samples Averaged)</b> |
|---------------------------------|-----------------------|-------------------------------------------------|----------------------------------------------------------------------|
| Auger Drill Rig                 | No                    | 85                                              | 84                                                                   |
| Backhoe                         | No                    | 80                                              | 78                                                                   |
| Compactor (ground)              | No                    | 80                                              | 83                                                                   |
| Compressor (air)                | No                    | 80                                              | 78                                                                   |
| Concrete Mixer Truck            | No                    | 85                                              | 79                                                                   |
| Concrete Pump Truck             | No                    | 82                                              | 81                                                                   |
| Concrete Saw                    | No                    | 90                                              | 90                                                                   |
| Crane                           | No                    | 85                                              | 81                                                                   |
| Drill Rig Truck                 | No                    | 84                                              | 79                                                                   |
| Dump Truck                      | No                    | 84                                              | 76                                                                   |
| Excavator                       | No                    | 85                                              | 81                                                                   |
| Flat Bed Truck                  | No                    | 84                                              | 74                                                                   |
| Front End Loader                | No                    | 80                                              | 79                                                                   |
| Generator                       | No                    | 82                                              | 81                                                                   |
| Generator (<25KVA, VMS Signs)   | No                    | 70                                              | 73                                                                   |
| Grout Plant                     | No                    | Not Applicable                                  | 81                                                                   |
| Hand Tools                      | No                    | Not Applicable                                  | 80                                                                   |
| Hauling Truck                   | No                    | Not Applicable                                  | 78                                                                   |
| Jackhammer                      | Yes                   | 85                                              | 89                                                                   |
| Light Tower                     | No                    | Not Applicable                                  | 62                                                                   |
| Man Lift                        | No                    | 85                                              | 75                                                                   |
| Mounted Impact Hammer (hoe ram) | Yes                   | 90                                              | 90                                                                   |
| Pavement Scarifier              | No                    | 85                                              | 90                                                                   |
| Paver                           | No                    | 85                                              | 77                                                                   |
| Pickup Truck                    | No                    | 55                                              | 75                                                                   |
| Pneumatic Tools                 | No                    | 85                                              | 85                                                                   |
| Pumps                           | No                    | 77                                              | 81                                                                   |
| Rivit Buster/Chipping Gun       | Yes                   | 85                                              | 79                                                                   |
| Rock Drill                      | No                    | 85                                              | 81                                                                   |

| <b>Equipment Description</b> | <b>Impact Device?</b> | <b>Spec. 721.560 Lmax @ 50 feet (dBA, slow)</b> | <b>Actual Measured Lmax @ 50 feet (dBA, slow) (Samples Averaged)</b> |
|------------------------------|-----------------------|-------------------------------------------------|----------------------------------------------------------------------|
| Roller                       | No                    | 85                                              | 80                                                                   |
| Scraper                      | No                    | 85                                              | 84                                                                   |
| Shotcrete Pump               | No                    | Not Applicable                                  | 85                                                                   |
| Skidsteer                    | No                    | Not Applicable                                  | 85                                                                   |
| Vacuum Excavator (Vac-Truck) | No                    | 85                                              | 85                                                                   |
| Vacuum Street Sweeper        | No                    | 80                                              | 82                                                                   |
| Welder/Torch                 | No                    | 73                                              | 74                                                                   |

Source: Table 9.1, U.S. Department of Transportation, Construction Noise Handbook, FHWA-HEP-06-015, Final Report: August 2006.

**Attachment 6**  
Newspaper Ad

NOTICE OF APPLICATION FOR VARIANCE RECEIVED BY THE  
DEPARTMENT OF HEALTH  
STATE OF HAWAII

**Seismic Retrofit, Haleakala Highway Route 377, Waiale Gulch, Alae (Naalae Gulch),  
and Pulehu Gulch (Pohakuokala) Bridges Project  
Island of Maui  
Federal-Aid Project No. STP-0377(008)**

**Community Noise Control  
Variance Application No. V-XXXX  
(Docket No. XX-XX-XX-XX)**

Pursuant to Hawaii Revised Statutes, Chapter 342F-5, subsection (h), the State of Hawaii, Department of Transportation, Highways, seeks written comments from interested persons regarding the following Community Noise Variance Application.

The State of Hawaii, Department of Transportation, Highways, Design Branch, has applied to the Department of Health for a variance from Hawaii Administrative Rules, Chapter 11-46, Section 11-46-6(a), which states, “**General Prohibition.** Without a permit or variance issued pursuant to section 11-46-7 or 11-46-8, no person within the State shall operate, from any premises or land owned, rented, leased, occupied, or controlled by that person, any excessive noise source.”

The applicant proposes to perform the construction for the new bridge abutments and piers for the Alae Bridge, Pohakuokala Bridge and Waiale Bridge located on Haleakala Highway, Kula, on the Island of Maui. The construction of the bridge abutments and piers will require work during night and weekend hours. Work will be at Alae Bridge, Pohakuokala Bridge and Waiale Bridge shown in the Location Map.

The project is estimated to begin as early as November 1, 2026 with major construction activities expected to be completed by approximately October 31, 2028, and the night and weekend work will occur within this timeframe. The construction of the bridge abutments and piers will require night work and weekend work of up to 30 consecutive days at each of the three bridges, during which each bridge will be fully closed, one bridge at a time, totaling 90 days over the duration of the entire project.

HDOT is working with the Hawaii Department of Health (DOH) to obtain a Community Noise Variance to allow work during the following times:

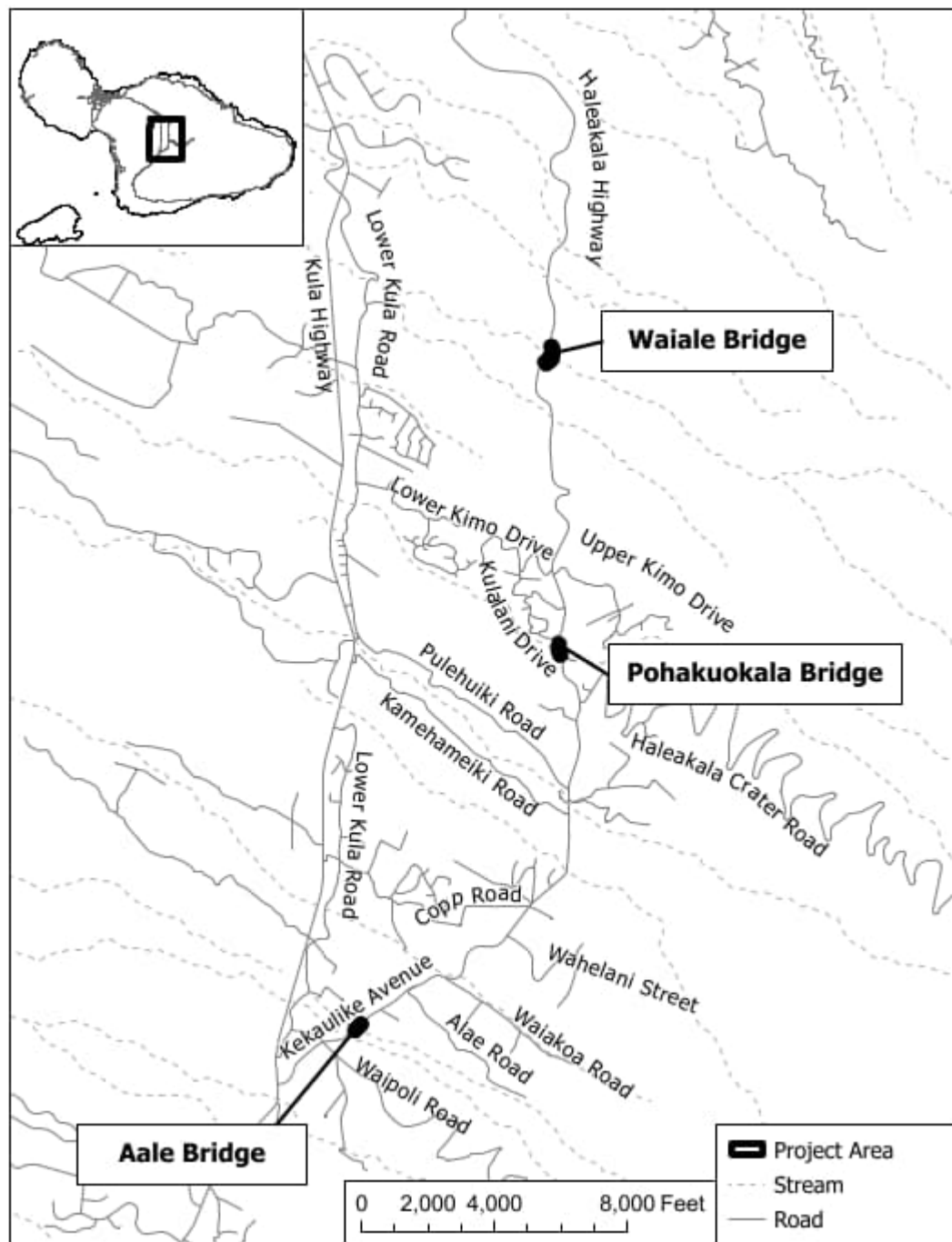
Saturday 6:00 p.m. to Monday 7:00 a.m.  
Monday 6:00 p.m. to Tuesday 7:00 a.m.  
Tuesday 6:00 p.m. to Wednesday 7:00 a.m.  
Wednesday 6:00 p.m. to Thursday 7:00 a.m.  
Thursday 6:00 p.m. to Friday 7:00 a.m.  
Friday 6:00 p.m. to Saturday 9:00 a.m.

The Hawaii Administrative Rules, Chapter 11-46 requires that a Community Noise Variance be requested regarding the noise limits and construction hours.

If the comments received by Month Day, Year warrant it, the Department of Health may hold a public hearing regarding the request for this Community Noise Variance at least thirty (30) days after

public notice. The final decision will be made on the basis of the application, related documents, written comments and the public hearing, if any.

Written comments and requests for information or inspection of the variance application and related documents should be directed to: State of Hawaii, Department of Transportation, 601 Kamokila Boulevard, Room 609, Kapolei, Hawaii 96707, Attention: Jillian Chen.



**Attachment 7**  
Mailing List

| TMK                   | Suffix             | First                               | Last       | Attn/Organization | Address                 | City      | State       | Zipcode |
|-----------------------|--------------------|-------------------------------------|------------|-------------------|-------------------------|-----------|-------------|---------|
| 222006029 and         | 222006026 Ms.      | Martha                              | Watkins    |                   | 321 Waipoli Road        | Kula      | Hawaii      | 96790   |
|                       | 222006086          | Paul and Barbara                    | Seitz      |                   | 734 Kekaulike Avenue    | Kula      | Hawaii      | 96790   |
|                       | 222006031 Ms.      | Violet                              | Medeiros   |                   | 750 Kekaulike Avenue    | Kula      | Hawaii      | 96790   |
|                       | 222006037 Mr.      | Clay                                | Sutherland |                   | 477 Waipoli Road        | Kula      | Hawaii      | 96790   |
|                       | 222006083          | Kula Botanical Garden Inc.          |            |                   | 638 Kekaulike Avenue    | Kula      | Hawaii      | 96790   |
|                       | 222006084 Mr.      | Kevin                               | Mccord     |                   | 656 Kekaulike Avenue    | Kula      | Hawaii      | 96790   |
|                       | 222006085 Mr.      | Charles                             | Guard      |                   | 688 Kekaulike           | Kula      | Hawaii      | 96790   |
|                       | 222006087 Mr.      | Brian                               | Haruguchi  |                   | 738 Kekaulike Avenue    | Kula      | Hawaii      | 96790   |
|                       | 222006088 Mr.      | Lawrence                            | Shim       |                   | 742 Kekaulike Avenue    | Kula      | Hawaii      | 96790   |
|                       | 222006097          | Warren Mccord Trust                 |            |                   | 638 Kekaulike Avenue    | Kula      | Hawaii      | 96790   |
| 223004013 and         | 222006112          | Peter Hickman Trust                 |            |                   | 201 Waipoli Road        | Kula      | Hawaii      | 96790   |
|                       | 222019001          | Gerald Silva Trust                  |            |                   | 735 Kekaulike Avenue    | Kula      | Hawaii      | 96790   |
|                       | 222019002          | Elizabeth Seely Trust               |            |                   | P.O. Box 867            | Kula      | Hawaii      | 96790   |
|                       | 222019003          | Chris & Emi-Jo Mossman Famuly Trust |            |                   | 555 Kekaulike Avenue    | Kula      | Hawaii      | 96790   |
|                       | 222019004 Ms.      | Christine                           | Akins      |                   | 501 Kekaulike Avenue    | Kula      | Hawaii      | 96790   |
|                       | 222019048          | Jody Ann Joaquin Trust              |            |                   | 679 Kekaulike Avenue    | Kula      | Hawaii      | 96790   |
|                       | 223001072 Mr.      | David                               | Chevalier  |                   | 640 Cross Road          | Kula      | Hawaii      | 96790   |
|                       | 223004016          | Haleakala Ranch Company             |            |                   | 529 Kealaloa Avenue     | Makawao   | Hawaii      | 96768   |
|                       | 223006014          | G.R. Carter IV Carter Trust         |            |                   | P.O. Box 338            | Makawao   | Hawaii      | 96768   |
|                       | 223007001          | Pan Pacific Ventures                |            |                   | P.O. Box 672            | Kula      | Hawaii      | 96790   |
| 223022002, 223022146, | 223020008          | Haleakala Hui LLC                   |            |                   | P.O. Box 1764           | Makawao   | Hawaii      | 96768   |
|                       | 223020009 Mr.      | Michael                             | Adams      |                   | 167 Franklin Street     | Juneau    | Alaska      | 99801   |
|                       | 223020010 Ms.      | Harriette                           | Holt       |                   | P.O. Box 367            | Kula      | Hawaii      | 96790   |
|                       | 223020011          | Alberta Loui Trust                  |            |                   | 15427 Haleakala Highway | Kula      | Hawaii      | 96790   |
|                       | 223022001          | County of Maui                      |            |                   |                         |           |             |         |
|                       | 223022147          | Glenn Okazaki Trust                 |            |                   | P.O. Box 5018           | Kahului   | Hawaii      | 96733   |
|                       | 223022012          | Ross and Gayle Hart Family Trust    |            |                   | 382 Kulalani Drive      | Kula      | Hawaii      | 96790   |
|                       | 223022013 Mr.      | Owen                                | Shiroma    |                   | 10054 River Oaks Drive  | Stockton  | California  | 95209   |
|                       | 223022014          | David Jr. and Barbara Kong Trust    |            |                   | 15 One Malia Way        | Wailuku   | Hawaii      | 96793   |
|                       | 223022015          | Kim Renz Family Trust               |            | Horst Renze       | 162 Brooklawn Terrace   | Fairfield | Connecticut | 06825   |
| 223059001,            | 223022016 Mr.      | Francis                             | Unabia     |                   |                         |           |             |         |
|                       | 223022057 Mr.      | Robert                              | Luuwai     |                   | 301 Kulalani Drive      | Kula      | Hawaii      | 96790   |
|                       | 223022058 Mr.      | Lambert                             | Hoopii     |                   | P.O. Box 880653         | Pukalani  | Hawaii      | 96788   |
|                       | 223022059 Mr.      | Andre                               | Fehlmann   |                   | 367 Kulalani Drive      | Kula      | Hawaii      | 96790   |
|                       | 223022060 Ms.      | Adele                               | Suminda    |                   | 280 Kaualani Drive      | Makawao   | Hawaii      | 96768   |
|                       | 223022061          | Joey & Johnnette Cremer Joint Trust |            |                   | 391 Kualani Drive       | Kula      | Hawaii      | 96790   |
|                       | 223022062 Mr.      | Andrew                              | Dunn       |                   | 135 Kulalani Circle     | Kula      | Hawaii      | 96790   |
|                       | 223022063          | Donald McCann Trust                 |            |                   | 371 Kulalani Drive      | Kula      | Hawaii      | 96790   |
|                       | 223022091          | Oliver Ignacio Trust                |            |                   | 339 Kulalani Drive      | Kula      | Hawaii      | 96790   |
|                       | 223022095 Ms.      | Donna                               | Roy        |                   | 177 Kulalani Circle     | Kula      | Hawaii      | 96790   |
| 223059002 Ms.         | 223022096 Mr.      | Lloyd                               | Arisumi    |                   | 2401 Placid Way         | Ann Arbor | Michigan    | 48105   |
|                       | 223022097 Driveway |                                     |            |                   |                         |           |             |         |
|                       | 223059004          | Alan King Revocable Trust           |            |                   | P.O. Box 400            | Kalaheo   | Hawaii      | 96741   |
|                       | 223059002 Ms.      | Karen                               | McCarthy   |                   | 40 Kualono Place        | Kula      | Hawaii      | 96790   |
|                       | 223059003          | Mark and Carol Ross Trust           |            |                   | 355 Kaupea Street       | Makawao   | Hawaii      | 96768   |
|                       | 223059005 Mr.      | John                                | Haley      |                   | 15601 Haleakala Highway | Kula      | Hawaii      | 96790   |
|                       | 223059006          | Alan and Quinn Kaufman Trust        |            |                   | P.O. Box 297            | Kula      | Hawaii      | 96790   |
| 223059007             | 223059007          | SOL Maui Trust                      |            | Timothy S Lara    | 20 Kualono Place        | Kula      | Hawaii      | 96790   |
|                       | 223059021          | Paul Singleton Trust                |            |                   | 15665 Haleakala Highway | Kula      | Hawaii      | 96790   |

## **Attachment 8**

Notice to Residents and Businesses



## **NOTICE TO RESIDENTS AND BUSINESSES**

### **SEISMIC RETROFIT, HALEAKALA HIGHWAY, ROUTE 377, WAIALE GULCH, ALAE (NAALAE GULCH) AND PULEHU GULCH (POHAKUOKALA) BRIDGE FEDERAL-AID PROJECT NO. STP-0377(008)**

Community Noise Control, Variance Application No. V-XXXX, Docket No. 25-NR-VN-XX

The State of Hawaii Department of Transportation (HDOT) is undertaking the Seismic Retrofit, Haleakala Highway Route 377, Waiale Gulch, Alae (Naalae Gulch), and Pulehu Gulch (Pohakuokala) Bridges Project to upgrade the Alae Bridge, Pohakuokala Bridge and Waiale Bridge project, located along Haleakala Highway in Kula, Maui.

HDOT has filed a Community Noise Variance Application with the State of Hawaii Department of Health to allow the construction of the abutments for the Alae Bridge, Pohakuokala Bridge and Waiale Bridge to occur during night and weekend hours. See Location Map on the next page.

The project is estimated to begin as early as November 1, 2026 with major construction activities expected to be completed by approximately October 31, 2028, and the night and weekend work will occur within this timeframe. The construction of the bridge abutments and piers will require night work and weekend work of up to 30 consecutive days at each of the three bridges, during which each bridge will be fully closed, one bridge at a time, totaling 90 days over the duration of the entire project.

HDOT is working with the Hawaii Department of Health (DOH) to obtain a Community Noise Variance to allow work during the following times:

Saturday 6:00 p.m. to Monday 7:00 a.m.

Monday 6:00 p.m. to Tuesday 7:00 a.m.

Tuesday 6:00 p.m. to Wednesday 7:00 a.m.

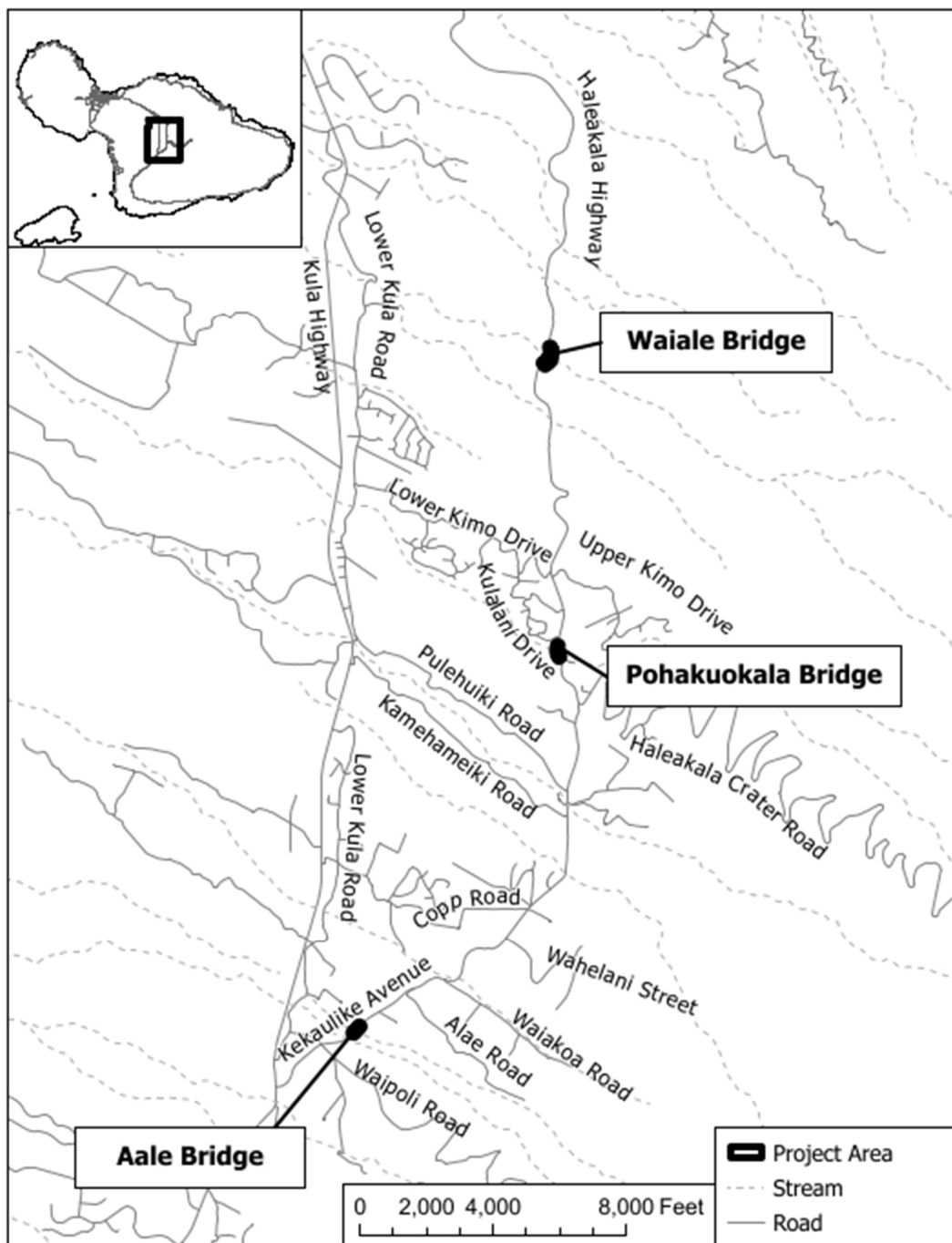
Wednesday 6:00 p.m. to Thursday 7:00 a.m.

Thursday 6:00 p.m. to Friday 7:00 a.m.

Friday 6:00 p.m. to Saturday 9:00 a.m.

HDOT is soliciting comments from the public on the proposed night and weekend work hours during a 30-day Public Comment period starting on February XX, 2026, and extending to March XX, 2026.

If you would like to submit written comments on the proposed night and Sunday work, please contact our Project Manager, Ms. Jillian Chen, by email at [jillian.m.chen@hawaii.gov](mailto:jillian.m.chen@hawaii.gov) or mail to: State of Hawaii, Department of Transportation, 601 Kamokila Boulevard, Room 609, Kapolei, Hawaii 96707, Attention: Jillian Chen.



**Attachment 9**  
Notice to Motorists

# NOTICE TO MOTORISTS OF NIGHTWORK

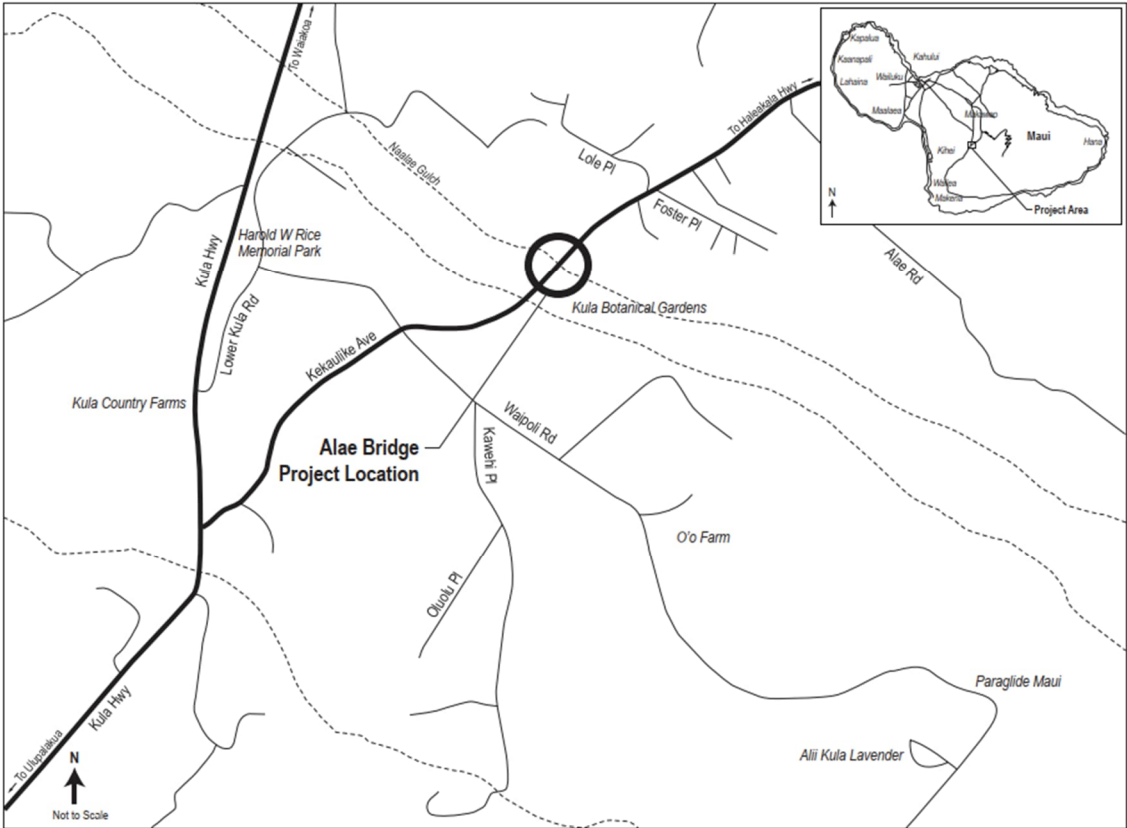
## SEISMIC RETROFIT, HALEAKALA HIGHWAY, ROUTE 377, WAIALE GULCH, ALAE (NAALAE GULCH) AND PULEHU GULCH (POHAKUOKALA) BRIDGE

### FEDERAL-AID PROJECT NO. STP-0377(008)

The State of Hawaii Department of Transportation (HDOT) is undertaking the Seismic Retrofit, Haleakala Highway Route 377, Waiale Gulch, Alae (Naalae Gulch), and Pulehu Gulch (Pohakuokala) Bridges Project to upgrade the Alae Bridge, Pohakuokala Bridge and Waiale Bridge to current design standards.

The construction of the abutments and piers at Alae Bridge will require night and weekend work of up to 30 consecutive nights during which the bridge will also be fully closed.

Construction is scheduled to begin on Month XX, 202X and is anticipated to be completed by the end of Month XX, 202X.



Nighttime and weekend construction hours are as follows:

- Saturday 6:00 p.m. to Monday 7:00 a.m.
- Monday 6:00 p.m. to Tuesday 7:00 a.m.
- Tuesday 6:00 p.m. to Wednesday 7:00 a.m.
- Wednesday 6:00 p.m. to Thursday 7:00 a.m.
- Thursday 6:00 p.m. to Friday 7:00 a.m.
- Friday 6:00 p.m. to Saturday 9:00 a.m.

Vehicular traffic will be detoured around the work zone during these hours and roadway users are reminded to observe and obey all traffic controls, posted signs, and Special Duty Officers.

Motorists are advised to proceed with caution through the construction area. For project updates, see the Department of Transportation website: <https://hidot.hawaii.gov/highways/roadwork/maui/>

Any comments or concerns regarding the project including noise emissions should be directed to the following on-site Project Manager:

Contractor Representative, Title, Phone No.: (808) XXX-XXXX or email at XXXXX.

# NOTICE TO MOTORISTS OF NIGHTWORK

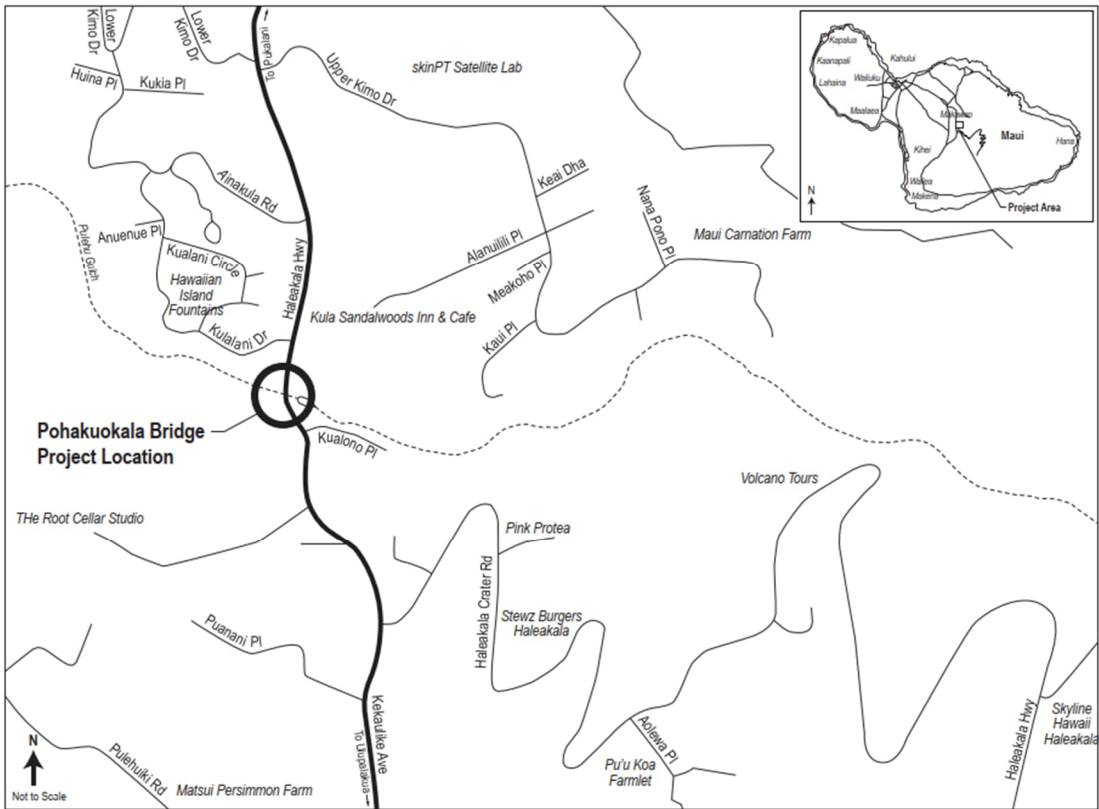
## SEISMIC RETROFIT, HALEAKALA HIGHWAY, ROUTE 377, WAIALE GULCH, ALAE (NAALAE GULCH) AND PULEHU GULCH (POHAKUOKALA) BRIDGE

### FEDERAL-AID PROJECT NO. STP-0377(008)

The State of Hawaii Department of Transportation (HDOT) is undertaking the Seismic Retrofit, Haleakala Highway Route 377, Waiale Gulch, Alae (Naalae Gulch), and Pulehu Gulch (Pohakuokala) Bridges Project to upgrade the Alae Bridge, Pohakuokala Bridge and Waiale Bridge to current design standards.

The construction of the abutments and piers at Pohakuokala Bridge will require night and weekend work of up to 30 consecutive nights during which the bridge will also be fully closed.

Construction is scheduled to begin on Month XX, 202X and is anticipated to be completed by the end of Month XX, 202X



Nighttime and weekend construction hours are as follows:

- Saturday 6:00 p.m. to Monday 7:00 a.m.
- Monday 6:00 p.m. to Tuesday 7:00 a.m.
- Tuesday 6:00 p.m. to Wednesday 7:00 a.m.
- Wednesday 6:00 p.m. to Thursday 7:00 a.m.
- Thursday 6:00 p.m. to Friday 7:00 a.m.
- Friday 6:00 p.m. to Saturday 9:00 a.m.

Vehicular traffic will be detoured around the work zone during these hours and roadway users are reminded to observe and obey all traffic controls, posted signs, and Special Duty Officers.

Motorists are advised to proceed with caution through the construction area. For project updates, see the Department of Transportation website: <https://hidot.hawaii.gov/highways/roadwork/maui/>

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# NOTICE TO MOTORISTS OF NIGHTWORK

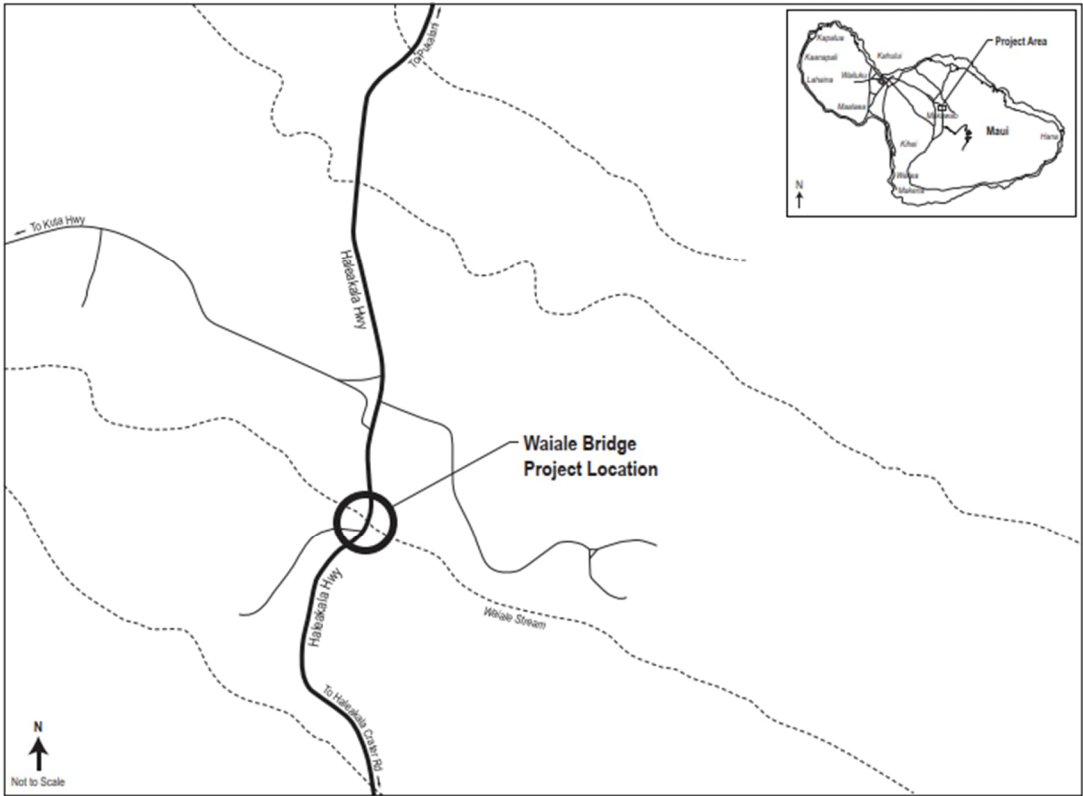
## SEISMIC RETROFIT, HALEAKALA HIGHWAY, ROUTE 377, WAIALE GULCH, ALAE (NAALAE GULCH) AND PULEHU GULCH (POHAKUOKALA) BRIDGE

### FEDERAL-AID PROJECT NO. STP-0377(008)

The State of Hawaii Department of Transportation (HDOT) is undertaking the Seismic Retrofit, Haleakala Highway Route 377, Waiale Gulch, Alae (Naalae Gulch), and Pulehu Gulch (Pohakuokala) Bridges Project to upgrade the Alae Bridge, Pohakuokala Bridge and Waiale Bridge to current design standards.

The construction of the abutments and piers at Waiale Bridge will require night and weekend work of up to 30 consecutive nights during which the bridge will also be fully closed.

Construction is scheduled to begin on Month XX, 202X and is anticipated to be completed by the end of Month XX, 202X



Nighttime and weekend construction hours are as follows:

- Saturday 6:00 p.m. to Monday 7:00 a.m.
- Monday 6:00 p.m. to Tuesday 7:00 a.m.
- Tuesday 6:00 p.m. to Wednesday 7:00 a.m.
- Wednesday 6:00 p.m. to Thursday 7:00 a.m.
- Thursday 6:00 p.m. to Friday 7:00 a.m.
- Friday 6:00 p.m. to Saturday 9:00 a.m.

Vehicular traffic will be detoured around the work zone during these hours and roadway users are reminded to observe and obey all traffic controls, posted signs, and Special Duty Officers.

Motorists are advised to proceed with caution through the construction area. For project updates, see the Department of Transportation website: <https://hidot.hawaii.gov/highways/roadwork/maui/>

Any comments or concerns regarding the project including noise emissions should be directed to the following on-site Project Manager:

Contractor Representative, Title, Phone No.: (808) XXX-XXXX or email at XXXXX.