



Submit this application with appropriate attachments to: **Indoor and Radiological Health Branch**

99-945 Halawa Valley Street

Aiea, HI 96701

(808)586-4700

Please make checks payable to STATE DEPARTMENT OF HEALTH. **All fees are non-refundable.**

There will be a service fee of \$25.00 for any check dishonored by the bank.

State of Hawaii

Department of Health

Application for Community Noise Permit

Permit is required by Title 11, Administrative Rules, Department of Health, Chapter 46, Community Noise Control.

Please do not use staples

Part I. Applicant Information

Name of Company			Authorized Individual
Hawaii Department of Transportation, Highways			Henry Kennedy
Mailing Address			Title
601 Kamokila Boulevard, Room 688a			Engineering Program Manager
City	State	Zipcode	Phone and EMAIL
Kapolei	HI	96707	(808) 692-7559 Henry.Kennedy@hawaii.gov

Part II. Community Noise Permit Fee Schedule (Annual) *Check one box

☐	Activities involving demolition, construction, extension, additions, or renovation of a single family dwelling	\$25
☒	All other construction activities	\$50
☐	Operation of stationary noise sources	\$50
☐	Equipment related to agricultural activities	\$50
☐	Equipment related to industrial activities	\$50

Part III. Description of Activity

Seismic Retrofit, Haleakala Highway Route 377, Waiale Gulch, Alae (Naalae Gulch) and Pulehu Gulch (Pohakuokala) Bridges. Please see Attachments.

Part IV. Location of Activity (address including zip code) *Attach map if necessary

Multiple Locations along Haleakala Highway (Route 377). Please see Attachments.

Part V. Equipment to be utilized *Attach list if necessary

Please see Attachments.

Part VI. Estimated duration of construction activity

*Attach activity schedule for construction activities or attenuation of stationary sources. Please specify month/day/year

From November 01, 2026	To October 31, 2028
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Certification of Individual Authorized to Act for Applicant

I certify that I have knowledge of the facts herein set forth and that the same are true and correct to the best of my knowledge and belief. Acceptance of this permit constitutes an acknowledgement and agreement that the permittee will comply with all rules, regulations and orders of the department and the conditions precedent to the granting of this permit.

SIGNATURE <i>Henry Kennedy</i>	Date Feb 5, 2026
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**Seismic Retrofit, Haleakala Highway Route 377, Waiale Gulch, Alae
(Naalae Gulch) and Pulehu Gulch (Pohakuokala) Bridges**

Noise Permit Attachments

Attachment 1: Project Location Map

Attachment 2: Project Area Maps

Attachment 3: Site Photos

Attachment 4: Equipment List

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

NOISE PERMIT ATTACHMENTS

Part III. Description of Activity

The State of Hawaii Department of Transportation (HDOT) is proposing to rehabilitate and seismically retrofit three (3) Maui Bridges (Waiale, Alae, and Pohakuokala) in Kula. The individual project locations are shown in Attachment 1.

The anticipated construction work for the seismic retrofit of all three (3) bridges consists of:

- Removal of debris from the piers
- Wrapping the piers with carbon fiber to the top of footing. Excavation is likely around the footings to expose the piers to the top of the footings.
- Removal of a portion of the backfill from behind the abutments, filling the area with concrete and installation of soil nails.
- Replacement of the creep blocks at the bents
- Pier footing upgrades

Full roadway closures at each bridge would be necessary for a certain period of time. By closing each bridge for a short timeframe, the project would minimize impacts by avoiding the need for access roads to the bottom of the gulch or erecting temporary bridges during construction.

To reduce project duration, construction costs, and traffic impacts, construction will take place during both daytime and nighttime hours when full bridge closure occurs. Bridge closures would occur for 30 consecutive days for each bridge, one bridge at a time. No nightwork will occur when there is no full bridge closure. A job-site representative will be designated to whom immediate complaints can be forwarded for prompt response. That representative will have the general responsibility of monitoring quiet work procedures. Contact information for that job-site representative will be provided after Contractor selection. In addition, HDOT's Resident Engineer will also be available to handle any noise complaints that may arise during construction. HDOT will provide the names and contact information of its Resident Engineer to the Department of Health and to the public when this information becomes available prior to the start of construction.

Part IV. Location of Activity

The proposed construction activity will be located at three discrete locations along Haleakala Highway (Route 377) in Kula on the island of Maui. All bridges are located within the Zipcode 96790. Construction work and staging of equipment and materials would take place within the HDOT operational right-of-way. The project locations are shown in Attachment 1 through 3.

- Alae Bridge (Bridge Number 009003770500058) carries Kekaulike Avenue (State Route 377) over Naalae Gulch (Zipcode 96790). It is located approximately 0.21 miles north of Waipoli Road at the approximate coordinates of 156.3261058°W 20.7422215°N.
- Waiale Gulch Bridge (Bridge Number 009003770500540) carries Haleakala Highway (State Route 377) over Waiale Gulch. It is located approximately 1.44 miles north of Lower Kimo Drive at the approximate coordinates of 156.3078070°W 20.7730253°N.
- Pohakuokala Bridge (Bridge Number 009003770500349) carries Haleakala Highway (State Route 377) over Pulehu Gulch. It is located approximately 0.08 miles north Kulalani Drive at the approximate coordinates of 156.3080541°W 20.7976234°N.

Part V. Equipment to be Utilized

See Attachment 4 for Equipment List.

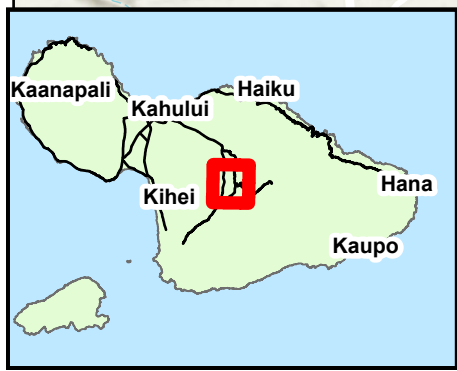
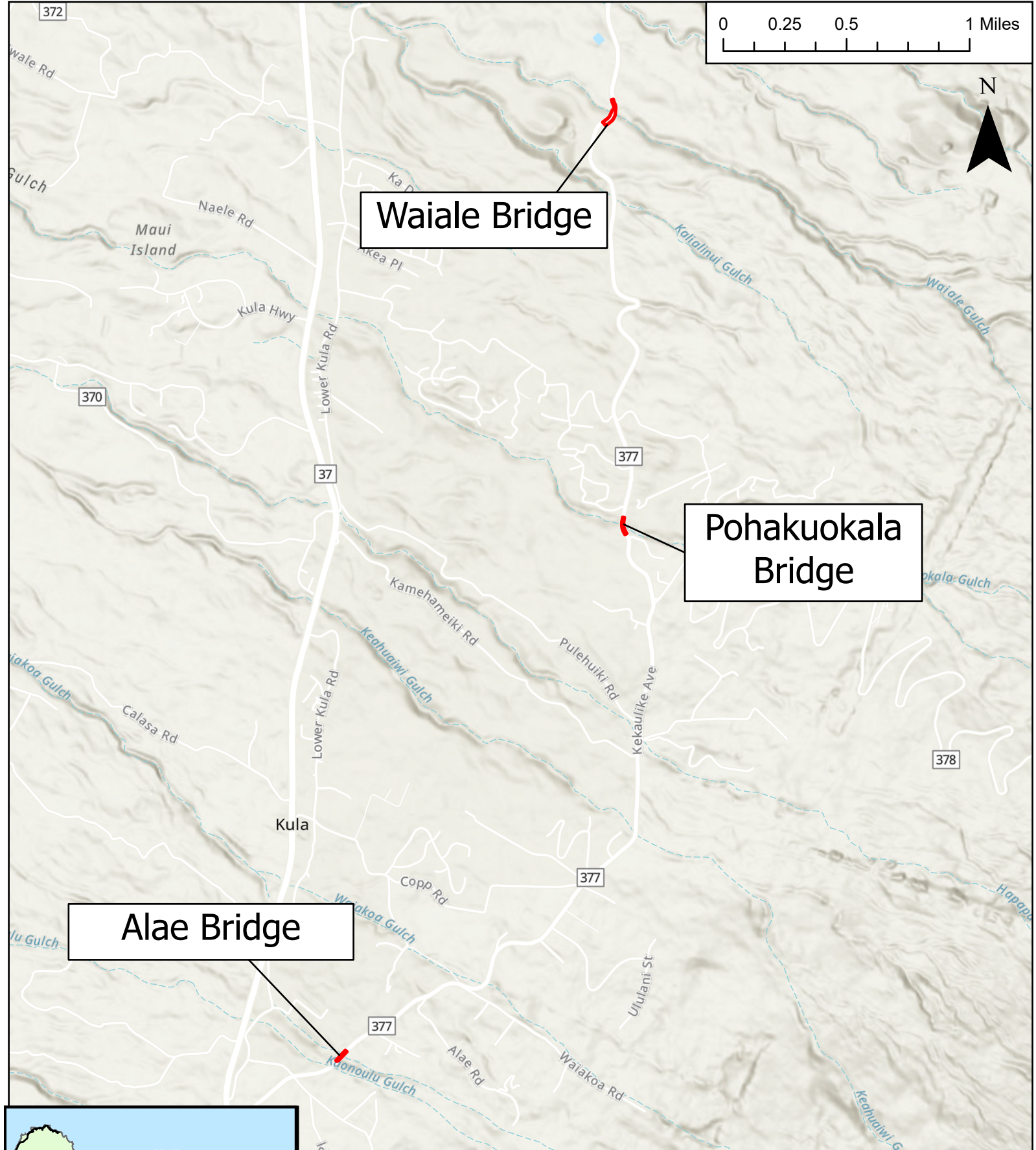
Part VI. Estimated duration of construction activity

November 1, 2026 to October 31, 2028

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

Noise Permit Attachments

Attachment 1: Project Location Map



Legend

 Project Area

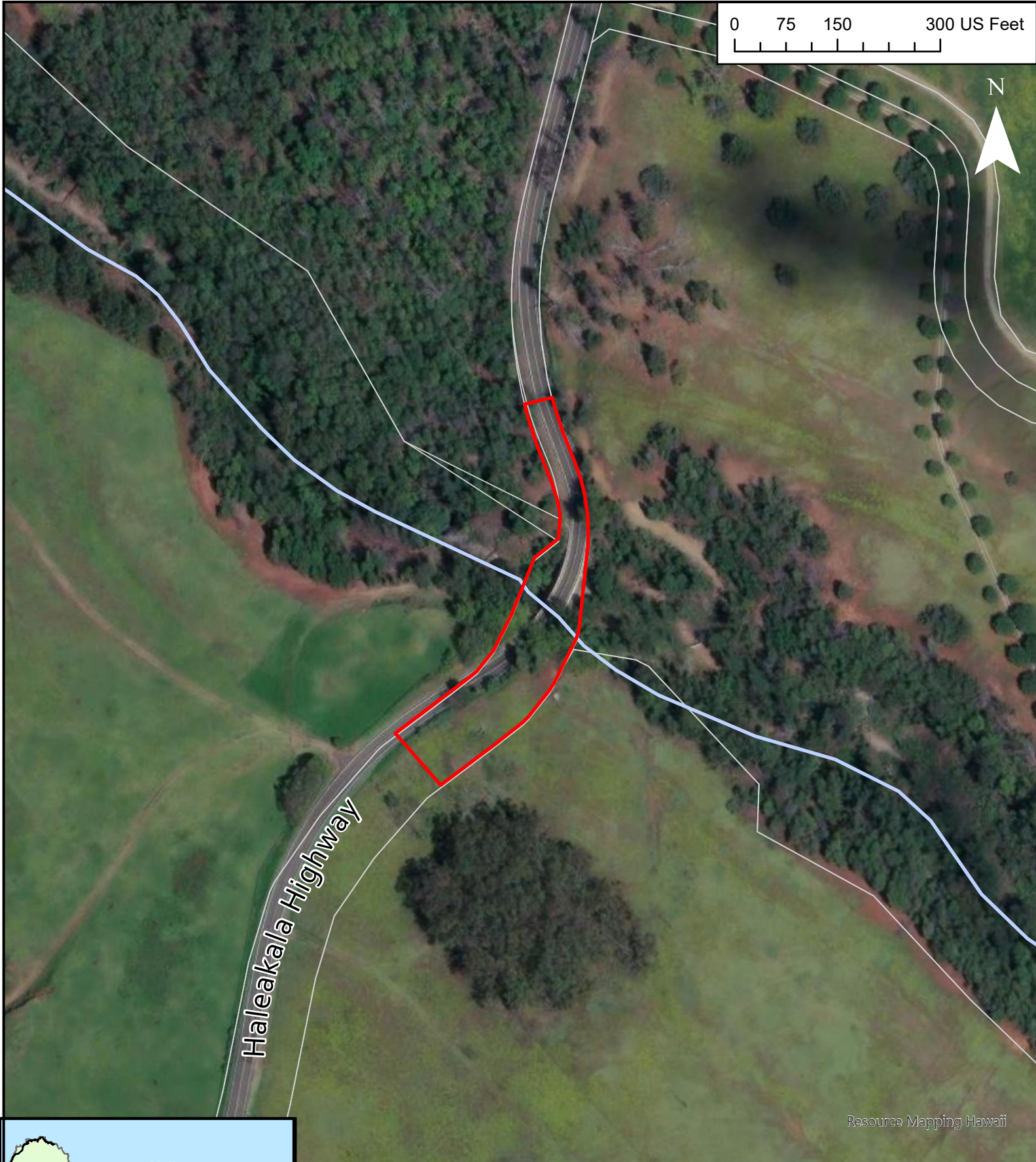
Attachment 1 Project Location Map

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

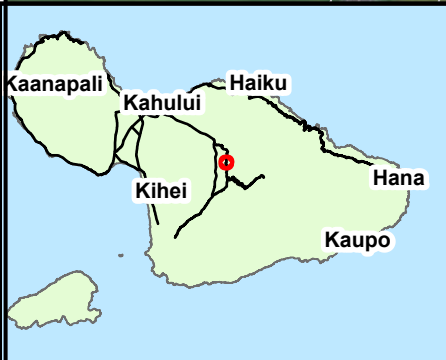
**Seismic Retrofit, Haleakala Highway Route 377, Waiale Gulch, Alae
(Naalae Gulch) and Pulehu Gulch (Pohakuokala) Bridges**

Noise Permit Attachments

Attachment 2: Project Area Maps



Resource Mapping Hawaii

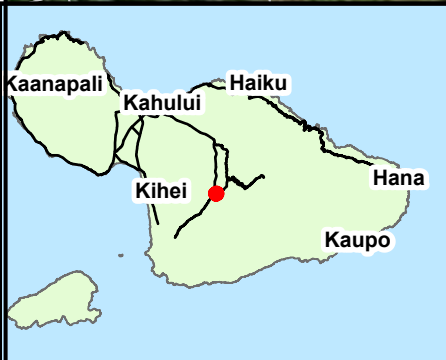


Legend

-  Project Area
-  TMK Parcels
-  Waiale Gulch Stream

**Attachment 2
Waiale Project Area Map**

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

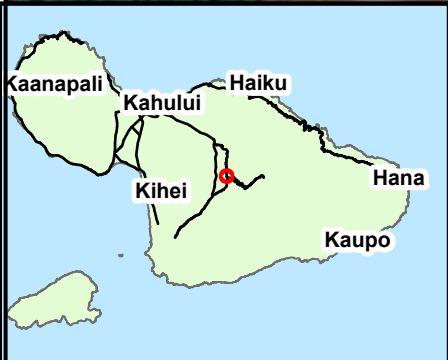


Legend

-  Project Area
-  TMK Parcels
-  Naale Gulch Stream

Attachment 2 Alae Project Area Map

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



Legend

 Project Area  TMK Parcels

 Pulehu Gulch Stream

Attachment 2
Pohakuokala Project Area Map

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

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

Noise Permit Attachments

Attachment 3: Site Photos



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

Waiale Bridge
Photo from the South East Side of the Bridge facing North West



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

Waiale Bridge
Photo from the North Westt Side of the Bridge facing South East



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

Alae Bridge
Photo from the South East Side of the Bridge facing North West



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

Alae Bridge
Photo from the North West Side of the Bridge facing South East



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

Pohakuokala Bridge - Pulehu Gulch
Photo from the South Side of the Bridge facing North



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

Pohakuokala Bridge - Pulehu Gulch
Photo from the North Side of the Bridge facing South

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

Noise Permit Attachments

Attachment 4: 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.

Equipment Description	Impact Device?	Spec. 721.560 Lmax @ 50 feet (dBA, slow)	Actual Measured Lmax @ 50 feet (dBA, slow) (Samples Averaged)
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

Equipment Description	Impact Device?	Spec. 721.560 Lmax @ 50 feet (dBA, slow)	Actual Measured Lmax @ 50 feet (dBA, slow) (Samples Averaged)
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.