

Electronic Signature CWB NOI Form

version 1.11

(Submission #: HQ2-THX7-PBPKX, version 1)

Details

Submission Alias Hawaii Belt Road Seismic Retrofit of Kaholo Stream Bridge NOI Form
Originally Started By Larissa Sato
Project Name Hawaii Belt Road Seismic Retrofit of Kaholo Stream Bridge
Submission ID HQ2-THX7-PBPKX
Status Draft

Fees

Base Fee (non-refundable) \$500.00
Payments/Adjustments \$0.00
Balance Due \$500.00 (None)

Form Input

NPDES General Permit Requirements

Select the general permit you are requesting coverage under.

Appendix C - Storm Water Associated with Construction Activity

Are you conducting earth-disturbing activities in response to a public emergency that meets the eligibility requirements under HAR, Chapter 11-55, Appendix C, Sections 1.3 and 7.2.3?

No

Notice of Intent (NOI) General Requirements

By submitting this NOI application, you are certifying the following statements:

- I read HAR, Chapters 11-54 and 11-55;
- I understand that State law prohibits any water pollutant to be discharged to a State water except in compliance with HAR, Chapters 11-54 and 11-55;
- I understand that the NPDES General Permits are a privilege and not my right or entitlement;
- I understand that the NPDES General Permits are rules, not permits to be issued;
- I understand that the NPDES General Permits only authorize a specific discharge/activity when I comply with all conditions of the NPDES General Permit;
- I have read every condition of the NPDES General Permit I am requesting coverage under;
- I have determined that my project/activity and organization can, and will, comply with every condition of the applicable NPDES General Permit, and any and all legal obligations;
- I understand that I may only submit the NOI after determining that my project/activity and organization can, and will, comply with every condition of the applicable NPDES General Permit;
- I understand that if I cannot comply with any condition of the NPDES General Permit I need to either fix my organization so that I can comply or I cannot discharge water pollutants to State waters;
- I understand that the Notice of General Permit Coverage (NGPC) is not a permit; it is an authorization to comply with the already issued NPDES General Permit;
- I will design, implement, operate, and maintain appropriate treatment/controls to ensure that my activity/discharge will not violate HAR, Chapters 11-54 and 11-55;
- I have reported any "after the fact" discharges to the CWB enforcement section; and
- The information provided in this application does not include "after the fact" discharges/activities.

I certify under penalty of law that my proposed discharge will not impair any State waters (including but not limited to rivers, streams, wetlands, ponds, ground waters, and ocean), Native Hawaiian cultural resources (including but not limited to burial sites/iwi, heiau, and taro loi), or the exercise of traditional Native Hawaiian cultural practices.
Yes, I certify.

Is this an NOI to continue coverage under a newly re-adopted general permit? This means that you either have a currently effective or administratively extended NGPC under the previous general permit.
No

Is this an NOI to request new or amended coverage (including non-automatic transfers of ownership) for an already permitted facility? Please note that a new NGPC must be issued prior to the project commencing the new activities that are not covered under the currently issued NGPC or NPDES permit.
No

Permittee Information

Operator Applying to Obtain Permit Coverage on Behalf of Owner

Operators may apply for and receive NPDES permit coverage on behalf of the Owner provided that authorization is granted by the Owner.

If an Operator specifies that they are applying to obtain NPDES permit coverage on behalf of the Owner, the permit will be issued to the Operator and will be the legal entity that the permit coverage is issued to.

Do NOT specify that the Operator is applying on behalf of the Owner if the Operator is only preparing the NOI for the Owner and WILL NOT be designated as the Permittee.

This option is to allow for Operators to be designated as the Permittee for projects that are owned by a different entity.

Is the Permittee the operator of the project/activity applying for permit coverage on behalf of the owner of the project/activity?
No

Select the Permittee Organization Type

State

Permittee Legal Name

State of Hawaii

Permittee Department/Office

Department of Transportation

Permittee Division/Program (Optional)

Highways Division

Permittee Mailing Address

869 Punchbowl Street
Honolulu, HI 96813-5097

Permittee Street Address

869 Punchbowl Street
Honolulu, HI 96813-5097

Select the appropriate signatory type and confirm that the Certifying Person meets the requirements for the corresponding type. The Certifying Person has to meet the applicable requirement and be employed by the Owner.
State Agency

State Agency

I certify that for a state agency, I am a principal executive officer or ranking elected official.

Certifying Person Salutation

Mr.

Certifying Person Information

First Name	Last Name	
Sergio George G.	Abcede	
Title		
Highways Administrator		
Phone Type	Number	Extension
Business	808-587-2220	

Certifying Person Email

George.Abcede@hawaii.gov

Permittee Contact Salutation

Mr.

Permittee Contact Information

First Name	Last Name	
Andrew	Hirano	
Title		
HDOT Project Manager		
Phone Type	Number	Extension
Business	808-692-7546	

Permittee Contact Email

andrew.j.hirano@hawaii.gov

Do you wish to designate an authorized representative?

Yes

Authorization

The Certifying Person hereby authorizes the named individual or any individual occupying the named position of the company/organization listed below to act as our representative to submit information/documents necessary to complete the NOI or NPDES permit application to discharge to State waters from the subject facility. The Permittee hereby agrees to comply with and be responsible for all NPDES permit conditions.

Our representative is further authorized to submit information/documents for compliance with the NPDES permit conditions. The Authorized Representative is also granted any other signatory authorizations as identified in the applicable NPDES permit.

This authorization begins with NOI or NPDES permit application processing and ends upon authorization of a new authorized representative or receipt of the NOC by the CWB. The Permittee is responsible for all information/documents submitted by the duly authorized representative for completion of the NOI or NPDES permit application and for compliance with the NPDES permit conditions.

The Certifying Person attests that the authorized representative meets the requirements of HAR 11-55-07(b). Both the Certifying Person and authorized representative understand that they can be subject to civil and criminal liability for non-compliance with NPDES permit conditions, non-compliance with HAR Chapters 11-54 and 11-55, and for falsifying information.

Are you designating an individual or position?

Position

Authorized Representative Information

Title		
Hawaii District Engineer		
Organization Name		
Department of Transportation, Highways Division		
Phone Type	Number	Extension
Mobile	808-933-8866	

Authorized Representative Email

Harry.H.Takiue@hawaii.gov

Authorized Representative Mailing Address

50 Makaala Street
Hilo, HI 96720-5107

Authorized Representative Street Address

50 Makaala Street
Hilo, HI 96720-5107

Facility/Project Information

Facility/Project Type of Ownership
State

Facility Organization Formal Name
Department of Transportation, Highways Division

Facility Site or Project Name
Hawaii Belt Road Seismic Retrofit of Kaholo Stream Bridge

City where the project/facility is located.
Ookala

Island where the project/facility is located.
Hawaii Island

Facility/Project Mailing Address
601 Kamokila Boulevard, Room 688
Kapolei, HI 96707

Provide the Facility/Project site address. If no formal street address exists (e.g., for projects constructing new developments with no currently existing roads) enter a location description instead. You must still enter a City, State, and ZIP Code.
Mamalahoa Highway (Rte. 19) vicinity of Kaholo Stream Bridge
Ookala, HI 96774

TMK Nos.

Division (e.g., 1)	Zone (e.g., 9)	Section (e.g., 7)	Plat (e.g., 025)	Portion, Parcel, or Lot (e.g., Lots 1-10, 15, & 20)
3	4	1	002	999
3	4	1	002	011
3	4	2	002	004
3	4	1	001	999

Facility/Project Site Front Gate Location Coordinates or Start of Linear Construction Location Coordinates
20.013355,-155.298948

Facility/Project Contact Affiliation
Owner

Facility/Project Contact Salutation
Mr.

Facility/Project Contact Person Information

First Name **Last Name**
Andrew Hirano

Title
HDOT Project Manager

Organization Name
Department of Transportation, Highways Division

Phone Type **Number** **Extension**
Business 808-692-7546

Facility/Project Contact Person Email

andrew.j.hirano@hawaii.gov

Standard Industrial Classification (SIC) and North American Industry Classification System (NAICS) Codes

Provide your primary SIC and NAICS code associated with your facility and any co-located activities. The primary SIC and NAICS code are the codes that best describe the primary economic activity at the facility. For co-located activities covered by multiple SIC codes, it is recommended that the primary industrial determination be based on the value of receipts or revenues or, if such information is not available for a particular facility, the number of employees or production rate for each process may be compared. The operation that generates the most revenue or employs the most personnel is the operation in which the facility is primarily engaged. In situations where the vast majority of on-site activity falls within one SIC code, that activity may be the primary industrial activity.

Sector and subsector information are only applicable for industrial storm water coverages.

For construction activities, the SIC code(s) are those that most accurately describe the activities of the Permittee.

SIC Codes

SIC Codes may be found at the link below.

[SIC Codes](#)

NAICS Codes

NAICS Codes may be found at the link below. Click on Concordances to access the SIC to NAICS code spreadsheets.

[NAICS Codes](#)

Primary SIC and NAICS Code

Primary SIC Code	Corresponding NAICS Code	Sector	Subsector
1622	237310		

Are there any additional SIC and NAICS codes?

No

Existing or Pending Permits, Licenses or Approvals

Provide the permit number for any applicable Federal, State, or County permits, licenses, or approvals for the project.

Other permits, licenses and approvals include but are not limited to:

- NPDES Individual Permit
- NPDES NGPC
- Section 401 WQC
- Individual Wastewater System Approval
- Recycled Water Reuse Permit
- Hazardous Waste Permit
- Solid Waste Management Permit
- Underground Storage Tank Permit
- Underground Injection Control Permit
- Agricultural Burning Permit
- Air Pollution Control Permit
- Department of the Army Permit (Section 404)

Note: If your project requires work in, above, under or adjacent to State waters, please contact the Army Corps of Engineers (USACE) Regulatory Branch at (808) 438-9258 regarding their permitting requirements.

Are there any other existing or pending NPDES permits/NGPCs associated with this project/facility?
No

Are there any other existing or pending (non-NPDES) permits, licenses or approvals associated with this project/facility?
No

Is the facility on the Superfund Amendments and Reauthorization Act (SARA)313 list?
No

Topographic Map(s)
Attach a topographic map or maps to this submission of the area extending at least one mile beyond the property boundaries of the site which clearly show the following:

- 1. Island on which the project/facility is located;
- 2. Legal boundaries of the site;
- 3. Location and an identification number for each of the site's existing and proposed intake and discharge structures; and
- 4. Receiving state water(s) and receiving storm water drainage system(s) identified and labeled. If the receiving state water is a wetland, submit a map showing the delineated wetland.

Specify the names of the map(s) that identify these items below.

Topographic Maps
A-3_StateWtrsMap.pdf - 04/11/2024 05:03 PM
A-7_ConstructionDwgs.pdf - 04/11/2024 05:03 PM
A-1_LocVicMap.pdf - 04/11/2024 05:03 PM
4.0_1mile-TopographicMap.pdf - 04/11/2024 05:03 PM
A-2_LegalBoundaryMap.pdf - 04/11/2024 05:03 PM
A-6_PermittedArea.pdf - 04/19/2024 01:15 PM
Comment
NONE PROVIDED

Required Maps

Required Map	Submitted Map(s) Name(s)
Island on Which the Project/Facility is Located	Attachment A-1
Legal Boundaries of the Site	Attachment A-2
Location and an Identification Number for Each of the Site's Existing and Proposed Intake and Discharge Structures (i.e., discharge points/outfalls)	Attachment A-6 & Attachment A-7
Receiving State Water(s) and Receiving Storm Water Drainage System(s) Identified and Labeled and Wetland Delineations	Attachment A-3

Permitted Feature(s) Information (1 of 5)

Permitted Feature Type
External Outfall

Receiving State Waters Name for Permitted Feature
Kupapaulua Gulch

Watershed Name for Permitted Feature
Kupapaulua

Receiving State Water Classification
Class 2, Inland

Receiving Water Type
Stream, Natural Ditch, Natural Gulch

Permitted Feature Identifier (Name, e.g., 001, 002, 003, etc.)

DP #1

Permitted Feature Location

20.012501,-155.296657

Is the receiving State water on the Section 303(d) List?

No

Permitted Feature(s) Information (2 of 5)

Permitted Feature Type

External Outfall

Receiving State Waters Name for Permitted Feature

Kaholo Gulch

Watershed Name for Permitted Feature

Kupapaulua

Receiving State Water Classification

Class 2, Inland

Receiving Water Type

Stream, Natural Ditch, Natural Gulch

Permitted Feature Identifier (Name, e.g., 001, 002, 003, etc.)

DP #2a

Permitted Feature Location

20.012820,-155.298457

Is the receiving State water on the Section 303(d) List?

No

Permitted Feature(s) Information (3 of 5)

Permitted Feature Type

External Outfall

Receiving State Waters Name for Permitted Feature

Kaholo Gulch

Watershed Name for Permitted Feature

Kupapaulua

Receiving State Water Classification

Class 2, Inland

Receiving Water Type

Stream, Natural Ditch, Natural Gulch

Permitted Feature Identifier (Name, e.g., 001, 002, 003, etc.)

DP #2b

Permitted Feature Location

20.013372,-155.298089

Is the receiving State water on the Section 303(d) List?

No

Permitted Feature(s) Information (4 of 5)

Permitted Feature Type

External Outfall

Receiving State Waters Name for Permitted Feature

Kupapaulua Gulch

Watershed Name for Permitted Feature

Kupapaulua

Receiving State Water Classification

Class 2, Inland

Receiving Water Type

Stream, Natural Ditch, Natural Gulch

Permitted Feature Identifier (Name, e.g., 001, 002, 003, etc.)

DP #3

Permitted Feature Location

20.012693,-155.296634

Is the receiving State water on the Section 303(d) List?

No

Permitted Feature(s) Information (5 of 5)**Permitted Feature Type**

External Outfall

Receiving State Waters Name for Permitted Feature

Kupapaulua Gulch

Watershed Name for Permitted Feature

Kupapaulua

Receiving State Water Classification

Class 2, Inland

Receiving Water Type

Stream, Natural Ditch, Natural Gulch

Permitted Feature Identifier (Name, e.g., 001, 002, 003, etc.)

DP #4

Permitted Feature Location

20.012649,-155.296492

Is the receiving State water on the Section 303(d) List?

No

Receiving Drainage System(s) Information (1 of 1)**Does the discharge enter a STORMWATER DRAINAGE SYSTEM before discharging into the receiving State Waters?**

No

NOI Form C**C.1 - General Information**

You are required to fulfill all requirements. By submitting the NOI, you are certifying the following statements:

- I prepared a Storm Water Pollution Prevention Plan (SWPPP) in accordance with HAR, Chapter 11-55, Appendix C, Section 7 prior to submitting this NOI;

- I will comply with all terms, conditions, and requirements in HAR Chapter 11-55, Appendix C;
- I will implement, operate, and maintain my SWPPP to ensure that storm water discharges associated with construction activities will not violate HAR, Chapter 11-54; HAR, Chapter 11-55; and HAR, Chapter 11-55, Appendix C;

C.2 - Existing Pollution Sources/History of Land Use

Describe the history of land use at the existing Facility/Project site:

The land in Hawaii Belt Road Seismic Retrofit of Kaholo Stream Bridge services Agricultural (Hawaii County General Plan, Zoning Chapter 25, A-40a). Mamalahoa Highway (Rte. 19), a principal arterial highway, traverses Kaholo Stream Bridge.

Determine if the existing Facility/Project site may contain any existing pollution source(s) by using the following references. Select all references you utilized to determine existing pollution source(s). You are required to check at least one reference.

Past land use history

Describe any existing pollution source(s) identified in the references you selected above.

Pollution sources include fuel/oil, grease, sediment, concrete, A/C, debris, dust and litter from motor vehicles using the roadway, as well as vegetation debris. The existing bridge structure contains lead-based rocker plates.

Hazard Evaluation and Emergency Response (HEER) Office

You are also required to check the Department of Health, Hazard Evaluation and Emergency Response (HEER) Office Sites, Incidents and Records through the Viewer in iHEER at the link below.

Note: The HEER Office is currently updating site information for sites. Most, but not all sites may be displayed on the viewer map. Site Document data upload is ongoing and not all documents may be currently available via this website. To get the complete record for the site, a record request form can be filled and submitted it to the HEER Office. The request form can be at: <https://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/public-records>. Users will then be notified when they are able to download all information via the iHEER system website.

[iHEER](#)

Describe any existing pollution source(s) identified in the references you checked above and from HEER Office Sites, Incidents and Records

Pollution sources include fuel/oil, grease, sediment, concrete, A/C, debris, dust and litter from motor vehicles using the roadway, as well as vegetation debris. The existing bridge structure contains lead-based rocker plates. Nothing is shown near the project area on the iHEER system website.

Describe any corrective measures that have been undertaken for any existing pollution source(s):

Corrective measures include periodic sweeping and other maintenance activities as required to minimize pollutants from entering receiving waters.

Note

You are required to contact the Department of Health, Office of Hazard Evaluation and Emergency Response at (808) 586-4249 and through e-permitting Form Notification of Construction Activities at Form Finder from the link below, if contaminated soil, vapor, or groundwater is known to be present at your project site. Notify at least 90 days prior to surface and subsurface disturbing activities (demolition, building/site configuration changes, grading, excavation, or prior to any other activities) that may disturb the ground surface at HEER sites. If you missed the 90 days notification time frame, notify the HEER Office as soon as possible to avoid any potential delays regarding your project.

[Notification of Construction Activities Form](#)

C.3 - Construction Site Estimates

Please provide the following estimates for the construction site.

Parameter	Area	Units
Total project area including areas to be left undisturbed	1.174	acres
Construction site area to be disturbed including storage and staging areas	1.174	acres
Impervious area before construction	0.117	acres
Impervious area after construction	0.117	acres

C.4 - Quantity of Storm Water Runoff

Estimate the quantity of storm water runoff during construction when the greatest and/or maximum area of disturbance occurs. Provide the supporting calculations.

Storm Water Runoff Quantity	Units
1.88	Cubic Feet per Second (CFS)

Storm Water Runoff Supporting Calculations

[A-6 PermittedArea.pdf - 04/19/2024 01:16 PM](#)

[A-5 CALCS.pdf - 04/19/2024 01:16 PM](#)

Comment

NONE PROVIDED

C.5 - Soil Characterization

Describe the nature of the soil on the project site (including the potential to encounter contaminated soil) and the nature of the fill material to be used.

The underlying soil of the project site consists of Ookala medial silty clay loam and Ookala-Rock outcrop complex. Fill material used in the retrofit project will consist of Portland Cement Concrete, shotcrete, select borrow, rip-rap, and cement grout.

C.6 - Nature and Sequence of Construction Activity

What is the nature of the construction activity (Select all applicable activity(ies))?

Other: Bridge Seismic Retrofit

What is being constructed?

The proposed work will include the construction of seismic retrofit improvements to Kaholo Stream Bridge, located along State Route 19,

Hawaii Belt Road at approximately mile post 30.9 in Hamakua, Hawaii Island (see Attachment 1); and will consist of the following activities: Replacing the existing rocker bearings with bearing pads on raised concrete shelves; Replacing the construction joints; Installing leveling pads; Installing downturn shock transmission units; Constructing additional abutment foundation supports using micropiles; and Constructing shotcrete facings with horizontal soil nail supports at the bridge abutments.

Describe the scope of work and major construction activities you wish to be covered in this NOI, including baseyards and staging areas. You may only include project areas where the locations of impervious structures are known; project areas where the final grades are known; and work areas that will be performed by one (1) general contractor. A separate NOI will be required for all other project areas.

The proposed work will include the construction of seismic retrofit improvements to Kaholo Stream Bridge and will consist of the following activities: Replacing the existing rocker bearings with bearing pads on raised concrete shelves; Replacing the construction joints; Installing leveling pads; Installing downturn shock transmission units; Constructing additional abutment foundation supports using micropiles; and Constructing shotcrete facings with horizontal soil nail supports at the bridge abutments.

The project will also require the temporary acquisition of 0.45 acres of construction parcels and the grading of two construction access roads to reach the bridge abutment foundations. Temporary removal of metal guardrails, traffic control, and temporary restriping will be required. Upon completion of construction, the temporary access roads will be removed, and the land will be restored to previous existing conditions.

Is a County-approved Erosion and Sediment Control Plan and/or Grading Permit, where applicable for the activity and schedule for implementing each control, required?

No

Please select and complete at least one (1) of the following items to demonstrate that a County-approved Erosion and Sediment Control Plan and/or Grading Permit, as appropriate for the activity and schedule for implementing each control, is not required.

Other: There will be no grading in private property. Grading will take place in property temporarily acquired by HDOT and construction will take place largely in the existing operational right-of-way. SWPPP will be implemented.

C.7 - Project Site Maps and Construction Plans/Drawings

Attach, title, and identify all maps (pdf - minimum 300 dpi) listed below.

Please reference which maps account for the features listed below.

Project Site Maps and Construction Plans/Drawings

[A-7 ConstructionDwgs.pdf - 04/11/2024 05:46 PM](#)

[A-1 LocVicMap.pdf - 04/11/2024 05:46 PM](#)

[A-4 FloodMap.pdf - 04/11/2024 05:46 PM](#)

[A-6 PermittedArea.pdf - 04/19/2024 01:16 PM](#)

Comment

NONE PROVIDED

Vicinity of the project on the island.
Attachment A-1

Boundaries of 100-Year flood plans.
Attachment A-4

Areas of soil disturbance.
Attachment A-6

Location(s) of impervious structures (including buildings, roads, parking lots, etc.) after construction is completed.
Attachment A-7

Pre-Construction Topography including approximate slopes and drainage patterns for the entire Facility/Project site to the receiving storm water drainage system (if applicable) or to the receiving State water(s) (with flow arrows).
Attachment A-6 & Attachment A-7

During-Construction Topography (after major grading activities) including approximate slopes and drainage patterns for the entire Facility/Project site to the receiving storm water drainage system (if applicable) or to the receiving State water(s) (with flow arrows).
Attachment A-6 & Attachment A-7

Post-Construction Topography including approximate slopes and drainage patterns for the entire Facility/Project site to the receiving storm water drainage system (if applicable) or to the receiving State water(s) (with flow arrows).
Attachment A-6 & Attachment A-7

C.8 - Construction Schedule
Provide the following estimated dates.

The date when construction activity will begin.
6/3/2024

The date when each major construction activity begins. This includes those activities identified in Section 7.2.5 of HAR 11-55 Appendix C.

Major Construction Activity	Major Construction Activity Begin Date
Bridge Seismic Retrofit	6/3/2024

The date when the Notice of Cessation form will be submitted.
1/19/2026

Additional Information

Additional Information
NONE PROVIDED
Comment
NONE PROVIDED

Payment Information

How are you planning to pay the filing fee for this submission?
Online Payment

Attachments

Date	Attachment Name	Context	Confidential?	User
4/19/2024 1:16 PM	A-6_PermittedArea.pdf	Attachment	No	Larissa Sato
4/19/2024 1:16 PM	A-6_PermittedArea.pdf	Attachment	No	Larissa Sato
4/19/2024 1:16 PM	A-5_CALCS.pdf	Attachment	No	Larissa Sato

Date	Attachment Name	Context	Confidential?	User
4/19/2024 1:15 PM	A-6_PermittedArea.pdf	Attachment	No	Larissa Sato
4/11/2024 5:46 PM	A-7_ConstructionDwgs.pdf	Attachment	No	Larissa Sato
4/11/2024 5:46 PM	A-1_LocVicMap.pdf	Attachment	No	Larissa Sato
4/11/2024 5:46 PM	A-4_FloodMap.pdf	Attachment	No	Larissa Sato
4/11/2024 5:03 PM	A-3_StateWtrsMap.pdf	Attachment	No	Larissa Sato
4/11/2024 5:03 PM	A-7_ConstructionDwgs.pdf	Attachment	No	Larissa Sato
4/11/2024 5:03 PM	A-1_LocVicMap.pdf	Attachment	No	Larissa Sato
4/11/2024 5:03 PM	4.0_1mile-TopographicMap.pdf	Attachment	No	Larissa Sato
4/11/2024 5:03 PM	A-2_LegalBoundaryMap.pdf	Attachment	No	Larissa Sato