

DAVID Y. IGE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

JADE T. BUTAY
DIRECTOR

Deputy Directors
LYNN A.S. ARAKI-REGAN
DEREK J. CHOW
ROSS M. HIGASHI
EDWIN H. SNIFFEN

IN REPLY REFER TO:
HWY-DS 2.9993

September 23, 2019

TO: THE HONORABLE BRUCE S. ANDERSON, Ph.D.
DIRECTOR OF HEALTH

ATTN: ALEC WONG, P.E., CHIEF
CLEAN WATER BRANCH

FROM: JADE T. BUTAY *W*
DIRECTOR OF TRANSPORTATION

SUBJECT: INTERSTATE ROUTE H-3, H-3 FINISH, UNIT VIIC
PROJECT NO: FAIP NO. I-H3-1 (75), UNIT VIIC

Submitted for your review and approval is the National Pollutant Discharge Elimination System application for the Interstate Route H-3, H-3 Finish, Unit VIIC project.

I certify under penalty of law that this document and all enclosed were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Should you have any questions regarding the project, please contact Ms. Karen Chun at (808) 692-7544 or by email at karen.chun@hawaii.gov. If responding to this letter in writing, please reply to the attention of Ms. Karen Chun, Technical Design Services, Design Branch, Highways Division at 601 Kamokila Boulevard, Room 688 Kapolei, Hawaii 96707 and reference HWY-DS 2.9993 as shown above.

Enclosures



TRANSMITTAL REQUIREMENTS AND CERTIFICATION STATEMENT FOR E-PERMITTING NOTICE OF INTENT (NOI) SUBMISSIONS

1. Submission and File Numbers

e-Permitting Submission #: HNR-BPWC-80X8P

I am submitting a (check only one):

☐ Initial NOI.

☒ Revised NOI, File Number: version 2 HIR10F928

☐ NOI for an Already Issued NGPC, Current NGPC File Number: _____

2. Certification Statement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature  Date Signed Nov 26, 2019

Printed First and Last Name Jade T. Butay

3. Transmittal Requirements (Check all.)

☒ I have read the instructions on Pages 2 and 3.

☒ If I do not follow all of the instructions on Pages 2 and 3, I acknowledge that:

- This submittal will not be accepted by the Clean Water Branch (CWB);
- Processing of my NOI will not begin;
- I am delaying the processing of my NOI; and
- The CWB may deny my request for NPDES general permit coverage with or without prejudice.

☒ The signature provided in Item No. 2 is an original signature.

☒ My CD or DVD is attached. This CD or DVD contains only the downloaded e-Permitting submission identified in Item No. 1 above. I have not altered this file.

4. Filing Fee (Check the applicable box.)

☐ A \$500 check made payable to the State of Hawaii is attached.

☐ The filing fee was paid online through the e-Permitting Portal.

☒ I am submitting a Revised NOI. My filing fee has already been paid under the initial submittal.

☐ I am a State agency, and I am requesting a Bill for Collection.

IMPORTANT INSTRUCTIONS:

You are required to follow these instructions to complete your e-Permitting NOI submittal. Failure to follow all of these instructions will delay the processing of your submittal and may result in the denial of your request for NPDES general permit coverage. **Processing of your submission will not begin until the Clean Water Branch (CWB) receives all of the items below.**

Item No. 1 – Submission and File Numbers

- a. Enter your e-Permitting Submission #. You may find your unique e-Permitting Submission # (e.g. 15H-ZGVV-421H) in your History Link of the e-Permitting Portal. If you are submitting a revised NOI, the e-Permitting Submission # will contain the version (e.g. 15H-ZGVV-421H, v1).
- b. Check only one (1) box to indicate if you are submitting an Initial NOI (new submittal) or a Revised NOI (revised submittal to address CWB comments) or a NOI for an Already Issued NGPC (see Item No. 1.d below).
- c. Enter your file number if you are revising an Initial NOI to respond to CWB comments. The CWB comments will contain the file number. You will not need to provide a file number if you are submitting an Initial NOI.
- d. Enter your current NGPC file number if you are submitting a NOI for an Already Issued NGPC. A NOI for an Already Issued NGPC is required if there are any changes to the information previously provided. NGPCs can no longer be modified and reissued. Once the NGPC is issued, any changes to the information provided during the NOI processing (except changes to BMPs) will require another NOI with filing fee and another NGPC to be issued. Upon issuance of the NGPC, the existing NGPC will be terminated.

Item No. 2 – Certification Statement

- a. This is the certification statement for the e-Permitting submission # identified in Item No. 1.
- b. Enter the Printed First and Last Name.
 - i. For an Initial NOI and a NOI for an Already Issued NGPC, the Printed First and Last Name must be the Certifying Person identified in Section No. 2 of the e-Permitting NOI form.
 - ii. For Revised NOI submittals, the Printed First and Last Name may be either the Certifying Person identified in Section No. 2 of the e-Permitting NOI form or the duly authorized representative identified in Section No. 8 of the e-Permitting NOI form.
- c. Enter the Date Signed.
- d. Provide an original Certification signature (hard copy of this form).
Someone else may sign "for" the individual listed in the Printed First and Last Name.

Item No. 3 – Transmittal Requirements

- a. You are required to check all of the boxes.
- b. Provide a CD or DVD containing only the e-Permitting submission in PDF or ZIP. To download the submission, click on the History Link in the e-Permitting Portal (after you submitted the application). Locate your submission and press the view button under the Action column. Then you may either:
 - i. Press the Print button, scan the document, save the document as a PDF, and save the PDF and all your attachments on the CD or DVD; or
 - ii. Press the Print Screen button on your keyboard, paste the image into a text editor (e.g. MS Word), convert the text file as a PDF, and save the PDF and all your attachments on the CD or DVD; or
 - iii. Press the Download Submission button. A PDF file will be generated if you have no attachments. A ZIP file will be created if you have attachments. Save the PDF or ZIP file on the CD or DVD.

Do not add additional files to the CD or DVD. Your CD or DVD shall match your e-Permitting submission #.

Item No. 4 – Filing Fee

- a. You are required to check only one (1) of the boxes.
- b. A \$500 filing fee is required for an Initial NOI and a NOI for an Already Issued NGPC.
- c. If you are a State agency, you may request a Bill for Collection.

Additional

- a. Mail or deliver this form and all attachments to the Department of Health, Clean Water Branch, Hale Ola, Room 225, 2827 Waimano Home Road, Pearl City, Oahu, Hawaii 96782.

H-3Unit VIIC NOI NPDES



File/Reference # HIR10F928 Submission HNR-BPWC-80X8P Revision 2 Form Version 1.7

Base Fee (non-refundable)
\$500.00

Review

For this step, your online application form is shown with the responses you have selected. Please take a moment to review and ensure that your online application form is completed accurately, prior to the next step. If you need to make any changes, please return to the application form sections step.

As a reminder, your online application form is not accessible by HI DOH staff until you have submitted the form in the 'Certify & Submit' step. Prior to submission, your online application form is considered a draft. At the time of submission, it will be transmitted to HI DOH and it will become part of the public record.

1A. NOI REQUIREMENTS

Provide
the following information.

I certify: I have 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. Yes.

NPDES general permits cannot cover "after the fact" discharges/activities. You are required to certify below that the information provided in this NOI does not include "after the fact" discharges/activities.

I certify that the information provided in this NOI does not contain "after the fact" discharges/activities.

You are required to report any discharges/activities associated with your project/facility that started before obtaining NPDES permit coverage. This only applies to discharges to State waters and activities that require NPDES permit coverage [e.g. construction activities that disturb one (1) acre or more]. Please select one (1) of the options below.

I did not start any discharges/activities associated with my project/facility.

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.

If you answered No above, describe the step(s) you will take to reasonably protect those State waters, Native Hawaiian resources, or exercise of traditional Native Hawaiian cultural practices. Please only include the steps that have been accepted by the Office of Hawaiian Affairs and other appropriate agencies. Note: It is your responsibility under the Constitution of the State of Hawaii to mitigate any impacts.

None Specified

1B. EMERGENCY-RELATED CONSTRUCTION ACTIVITIES

Please

provide the following information if you are submitting a NOI for discharges of storm water associated with an emergency-related construction activity (with a land disturbance of 1 acre or more) as declared by the President of the United States of America or the Governor of the State of Hawaii. Please skip this section if this does not apply to your project/facility.

I am 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. This section does not apply to me.

Please state the cause of the public emergency (e.g. natural disaster, extreme flooding conditions, etc.).

None Specified

Please describe the construction necessary to reestablish the affected public service.

None Specified

Official Emergency Declaration

No files uploaded

Comment

None Specified

Please complete the remaining sections of this form (Sections 2 through 9). Pursuant to HAR 11-55, Appendix C, you are automatically covered under the NPDES General Permit Authorizing Discharges of Storm Water Associated with Construction Activities if you submit the completed form through the e-Permitting Portal, pay the required filing fee, and submit the Transmittal Requirements and Certification Statement for e-Permitting Notice of Intent (NOI) Submission form within 30 calendar days after the start of construction activities for an official emergency declaration. You may immediately commence with your emergency-related construction activities provided that you comply with all other applicable laws and regulations.

2. OWNER INFORMATION

Please provide the following information for the Legal Entity that owns the facility or project (corporation, individual, etc). The Owner may be the land owner or developer that is hiring the general contractor. The NGPC will be sent to the Owner's Mailing Address provided in this section. You do not have to press the Validate Address button in the Owner mailing and street address. If your address has a room number, you will get an error message.

Owner Legal Name
State of Hawaii

Owner Department
Department of Transportation

Owner Division
Highways Division

Owner Mailing Address
869 Punchbowl
Honolulu HI 96813

Owner's Street Address
869 Punchbowl
Honolulu Hawaii 96813

Owner Type
Municipal - City, County, or State Government Project

Signatory Type

The person certifying this NOI must meet one of the following descriptions and be employed by the Owner. Please identify your appropriate signatory type based on the items listed below.

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

Municipal Agency: I certify that for a municipal agency, I am a principal executive officer or ranking elected official.

Non-Federal Public Agency: I certify that for a non-federal public agency, I am a principal executive officer or ranking elected official.

Federal Agency: I certify that for a federal agency, I am the chief executive officer of the agency, or I am the senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

Partnership: I certify that I am a general partner for a partnership.

Proprietorship: I certify that I am the proprietor for a sole proprietorship.

Corporation Officer: I certify that for a corporation, I am the President, Vice President, Secretary, or Treasurer of the corporation and in charge of a principal business function, or I perform similar policy or decision-making functions for the corporation.

Corporation Manager: I certify that for a corporation, I am the Manager of one or more manufacturing, production, or operating facilities and am authorized to make management decisions which govern the operation of the regulated facility or facilities including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations. I can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements and authority to sign documents has been assigned or delegated to me in accordance with corporate procedures.

Trust: I certify that for a trust, I am a trustee.

LLC: I certify that for a limited liability company (LLC), I am the Manager or a Member authorized to make management decisions for the LLC and am in charge of a principal business function, or I perform similar policy or decisionmaking functions for the LLC.

Please Select the Signatory Type based on the above descriptions.
State Agency

Certifying Person Salutation
Mr.

Certifying Person First Name
Jade

Certifying Person Last Name
Butay

Certifying Person Title
Director

Certifying Person Email Address
jade.butay@hawaii.gov

Certifying Person Phone Number (e.g., 555-555-5555)
808-587-2150

Certifying Person Alternate Phone Number (cell) (e.g., 555-555-5555)
None Specified

Certifying Person Fax Number (e.g., 555-555-5555)
808-587-2167

The Owner's contact person may be the staff person with direct responsibility for the facility or project, not necessarily the certifying or "responsible" person.

Owner Contact Person's Salutation
Mr.

Owner Contact Person's First Name
Sergio George

Owner Contact Person's Last Name
Abcede

Owner Contact Person's Position Title
District Engineer

Owner Contact Person's Email
George.abcede@hawaii.gov

Owner Contact Person's Phone number (e.g., 555-555-5555)
808-831-6700

Owner Contact Person's Alternate Phone Number (cell) (e.g., 555-555-5555)
None Specified

Owner Contact Person's Fax number (e.g., 555-555-5555)
808-831-6725

3. OPERATOR OR GENERAL CONTRACTOR CONTACT INFORMATION

Provide information for the operator or general contractor. Provide the requested information below, unless you have denoted that this information will be submitted at least 30 calendar days before the start of discharge or industrial/construction activities. You do not have to press the Validate Address button in the Operator/General Contractor mailing and street address. If your address has a room number, you will get an error message.

Will Operator or General Contractor information be submitted at least 30 calendar days before the start of construction activities? If you are requesting coverage under HAR 11-55, Appendix C, do not provide the General Contractor information in this section. Include this information in your SWPPP before the start of construction.

Yes. (I will provide operator/general contractor information 30 calendar days prior to discharge.)

Operator/General Contractor Legal name
None Specified

Operator/General Contractor Department
None Specified

Operator/General Contractor Division
None Specified

Operator/General Contractor Mailing address

[No Street Address Specified]

[No City Specified] [No State/Area Specified]

[No Postal Code Specified]

Operator/General Contractor Street address:

[No Street Address Specified]

[No City Specified] [No State/Area Specified]

[No Postal Code Specified]

Operator/General Contractor Contact Person's Salutation

None Specified

Operator/General Contractor Contact Person's First Name

None Specified

Operator/General Contractor Contact Person's Last Name

None Specified

Operator/General Contractor Contact Person's Position Title

None Specified

Operator/General Contractor Contact Person's Email

None Specified

Operator/General Contractor Contact Person's Phone number (e.g., 555-555-5555)

None Specified

Operator/General Contractor Contact Person's Alternate Phone Number (cell) (e.g., 555-555-5555)

None Specified

Operator/General Contractor Contact Person's Fax number (e.g., 555-555-5555)

None Specified

4. FACILITY/PROJECT INFORMATION

Please

provide the information below. You do not have to press the Validate Address button in the facility/project mailing address. If your address has a room number, you will get an error message.

Enter the Facility or Project Name

The Facility or Project Name will appear on all correspondence, official files, and permits.

Facility or Project Name

Interstate Route H-3, H-3 Finish, Unit VIIC

Provide the Mailing Address

The mailing address may be the mailing address of the facility's or project's contact person.

Mailing Address

727 Kakoi Street

Honolulu HI 96819

Provide the Street Address

The street address is the facility or project location with respect to identifiable street names or adjacent developments or properties (i.e., 1234 15th Drive or northwest corner of 1st Street and X Avenue).

Street Address (i.e. the location of the project or facility)

Halawa Access Road for Interstate Route H-3 mauka section of the Halawa Quarry Viaduct

Provide the Facility/Project Contact Person information.

Provide the facility/project contact person information. The facility/project contact person can be anyone (e.g. consultant, staff, etc.).

Facility/Project Contact Person Salutation

Ms.

Facility/Project Contact Person's First Name

Karen

Facility/Project Contact Person's Last Name

Chun

Facility/Project Contact Person's Title

Project Manager

Facility/Project Contact Person's Email
karen.chun@hawaii.gov

Facility/Project Contact Person Phone Number (e.g., 555-555-5555)
808-892-7544

Facility/Project Contact Person Alternate Phone Number (cell) (e.g., 555-555-5555)
None Specified

Facility/Project Contact Person Fax Number (e.g., 555-555-5555)
808-892-7555

Facility/Project Front Gate Location Coordinates or Start of Linear Construction Location Coordinates

Latitude	Longitude
21.37377416846035	-157.90919657618593

5. TAX MAP KEY (TMK) NO.

Provide
information about each specific TMK number involved in the facility/project.

Facility/Project Tax Map Key (TMK) Number(s)

You are required to download and complete the TMK spreadsheet below. All
TMK numbers involved in the facility/project need to be disclosed. A minimum of
one (1) TMK is required.

TMK Spreadsheet

Upload Completed TMK Spreadsheet

NPDEStmk.xlsx

Confidential

No

Comment

None Specified

6. RECEIVING STATE WATER(S) INFORMATION

1

6. Receiving State Water(s) Information

HAR, Section 11-54-1 defines State waters as: All waters, fresh, brackish, or salt around and within the State, including, but not limited to, coastal waters, streams, rivers, drainage ditches, ponds, reservoirs, canals, and lakes; provided that drainage ditches, ponds, and reservoirs required as part of a water pollution control system are excluded. This chapter applies to all state waters, including wetlands, subject to the following exceptions: (1) This chapter does not apply to groundwater. (2) This chapter does not apply to ditches, flumes, ponds and reservoirs that are required as part of a water pollution control system. (3) This chapter does not apply to ditches, flumes, ponds, and reservoirs that are used solely for irrigation and do not overflow into any other state waters, unless such ditches, flumes, ponds, and reservoirs are waters of the United States as defined at 40 C.F.R. 122.2.

A receiving State water is the first State water that receives the discharge. Note: You must identify a receiving State Water before an NGPC can be issued. Identify the receiving State water name in relation to the facility or project site based on the topography or contours of the land, excluding evaporation, percolation, retention, detention, etc. The receiving State water must be a surface water. Sample responses for this item include: Pacific Ocean at Sandy Beach, Honolulu Harbor, Pearl Harbor, Aiea Stream, Unnamed Stream Kaloi Gulch, Unnamed Dry Gulch, Unnamed Wetlands, etc.

Receiving State Waters Name

North Halawa Stream

Select the receiving State water CLASSIFICATION:

Classifications are defined in HAR, Chapter 11-54 and on the Water Quality Standards Maps available on the CWB website. The Water Quality Standards Maps are provided for general information only and are to be used in conjunction with HAR, Chapter 11-54. Click on the link below to download a copy of HAR, Chapter 11-54.

HAR, Chapter 11-54

The Water Quality Standards Maps can be found by clicking on the link below.

Water Quality Standards Maps

Receiving State Water Classification

Class 2, Inland

Coordinates of the Discharge Point into State waters

Provide the coordinates of the discharge point (in decimal degrees) where discharge from the facility or construction site first enters the receiving State water. If the discharge first enters a storm drainage system, provide the discharge point coordinates for the outfall where the storm drainage system enters State waters. If the storm water discharge enters the receiving State water as a sheet flow, provide the coordinates based on the limits of discharge. For Example: Type: Discharge Point 1 (From) Latitude 21.274685 N, Longitude 158.012768 W (Click the "+" button in the tab heading row above to enter the next location) Then type: Discharge Point 1 (To) Latitude 21.304811N, Longitude 158.022721 W

Properly label the discharge points with numbers (i.e., Discharge Point No. 1, Discharge Point No. 2, etc.) which correspond to the location map(s) and flow chart(s) submitted.

Discharge Point label
Discharge Point 1 From

Discharge Point

Latitude	Longitude
21.3777997	-157.907375

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

Click on the link below to view the Section 303(d) List.
Section 303(d) List

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

If your Receiving Water is on the Section 303(d) List, please provide the impairment pollutant(s).
Total Nitrogen, Nitrate and Nitrite, Phosphorus, Turbidity

Are there additional discharge points into receiving State waters?
Yes

If YES was selected, click the "+" button in the tab area at the top of this section to describe additional discharge points into receiving State waters.

2

6. Receiving State Water(s) Information

HAR, Section 11-54-1 defines State waters as: All waters, fresh, brackish, or salt around and within the State, including, but not limited to, coastal waters, streams, rivers, drainage ditches, ponds, reservoirs, canals, and lakes; provided that drainage ditches, ponds, and reservoirs required as part of a water pollution control system are excluded. This chapter applies to all state waters, including wetlands, subject to the following exceptions: (1) This chapter does not apply to groundwater. (2) This chapter does not apply to ditches, flumes, ponds and reservoirs that are required as part of a water pollution control system. (3) This chapter does not apply to ditches, flumes, ponds, and reservoirs that are used solely for irrigation and do not overflow into any other state waters, unless such ditches, flumes, ponds, and reservoirs are waters of the United States as defined at 40 C.F.R. 122.2.

A receiving State water is the first State water that receives the discharge. Note: You must identify a receiving State Water before an NGPC can be issued. Identify the receiving State water name in relation to the facility or project site based on the topography or contours of the land, excluding evaporation, percolation, retention, detention, etc. The receiving State water must be a surface water. Sample responses for this item include: Pacific Ocean at Sandy Beach, Honolulu Harbor, Pearl Harbor, Aiea Stream, Unnamed Stream Kaloi Gulch, Unnamed Dry Gulch, Unnamed Wetlands, etc.

Receiving State Waters Name

North Halawa Stream

Select the receiving State water CLASSIFICATION:

Classifications are defined in HAR, Chapter 11-54 and on the Water Quality Standards Maps available on the CWB website. The Water Quality Standards Maps are provided for general information only and are to be used in conjunction with HAR, Chapter 11-54. Click on the link below to download a copy of HAR, Chapter 11-54.

HAR, Chapter 11-54

The Water Quality Standards Maps can be found by clicking on the link below.

Water Quality Standards Maps

Receiving State Water Classification

Class 2, Inland

Coordinates of the Discharge Point into State waters

Provide the coordinates of the discharge point (in decimal degrees) where discharge from the facility or construction site first enters the receiving State water. If the discharge first enters a storm drainage system, provide the discharge point coordinates for the outfall where the storm drainage system enters State waters. If the storm water discharge enters the receiving State water as a sheet flow, provide the coordinates based on the limits of discharge. For Example: Type: Discharge Point 1 (From) Latitude 21.274685 N, Longitude 158.012768 W (Click the "+" button in the tab heading row above to enter the next location) Then type: Discharge Point 1 (To) Latitude 21.304811N, Longitude 158.022721 W

Properly label the discharge points with numbers (i.e., Discharge Point No. 1, Discharge Point No. 2, etc.) which correspond to the location map(s) and flow chart(s) submitted.

Discharge Point label

Discharge Point 1 to

Discharge Point

Latitude	Longitude
21.376419	-157.908339

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

Click on the link below to view the Section 303(d) List.

[Section 303\(d\) List](#)

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

Yes

If your Receiving Water is on the Section 303(d) List, please provide the impairment pollutant(s).

Total Nitrogen, Nitrate and Nitrite, Phosphorus, Turbidity

Are there additional discharge points into receiving State waters?

No

If YES was selected, click the "+" button in the tab area at the top of this section to describe additional discharge points into receiving State waters.

7. RECEIVING DRAINAGE SYSTEM(S) INFORMATION

Provide the following if the discharge from your project enters into a drainage system (e.g., City and County of Honolulu Municipal Storm Sewer System [MS4], culvert, privately owned discharge swale, etc.) To add additional Receiving Drainage Systems, click on the plus button in the tab heading below.

1

7. Receiving Drainage System(s) Information

Does the discharge enter a STORMWATER DRAINAGE SYSTEM before discharging into the receiving State waters?

No

If YES selected, provide the information for ALL of the following questions in this section.

Drainage System Owner's Name

None Specified

Drainage System Owner's Approval

Please submit the Drainage System owner's approval to allow the subject discharge to enter their Drainage System. If the project owner also owns the Drainage System, you do not have to submit the approval. If you are requesting coverage under HAR 11-55, Appendix C, do not attach the approval. Instead, include the approval in your SWPPP before the start of construction.

Drainage System Owner's Approval to Discharge

No files uploaded

Comment

None Specified

Please note that if you did not attach the Drainage System Owner's Approval to this application, you are required to submit the Approval to Discharge at least 30 calendar days before the start of discharge.

Will Drainage System Owner's approval be submitted at least 30 calendar days before start of discharge?

None Specified

If the Drainage System Owner is the same as the Owner of this Project, please select one of the following.

None Specified

Are there additional Drainage Systems that may receive stormwater runoff from the project?

None Specified

8. AUTHORIZED REPRESENTATIVE

This section is to authorize a representative to act on the Owner's behalf as described below. You may skip this section if a representative will not be

assigned. If the person being duly authorized as the representative is the same person as is described in the Certification section, do not complete this section. The purpose of this section is to authorize someone else other than the person described in the Certification section to act on their behalf. HAR, Section 11-55-07(b) states: "A person is a duly authorized representative only if: the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, superintendent, or position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company, (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)" There shall be only one duly authorized representative at any time. The designated duly authorized representative may be changed by the owner at any time during the processing of the NOI or the term of the NGPC. You do not have to press the Validate Address button in the Authorized Representative mailing and street address. If your address has a room number, you will get an error message.

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 to discharge to State waters from the subject facility. Our representative is further authorized to submit information/documents for compliance with the NPDES general permit conditions, except submittal of the Notice of Cessation (NOC). The Owner hereby agrees to comply with and be responsible for all NPDES general permit conditions. This authorization begins with NOI processing and ends upon receipt of the NOC by the CWB. The Owner authorizes the duly authorized representative to submit additional information/documents necessary to complete the NOI and to submit information/documents to comply with the NPDES general permit conditions. The Owner is responsible for all information/documents submitted by the duly authorized representative for completion of the NOI and for compliance with the NPDES general permit conditions. The Certifying Person is required to sign the NOC for the project. After receipt of the NOC for the project, the duly authorized representative is no longer recognized by the CWB. The responsibility of the authorized representative cannot be delegated to an outside consultant with no financial responsibility for the company - they cannot sign as the "authorized representative" on behalf of the Owner. This requirement stems from the fact that self-reporting is critical under the Clean Water Act and Hawaii Water Pollution statutes; reports filed with CWB can have serious legal consequences, including possible civil and even criminal liability. The Owner in signing reports, therefore, must be represented by someone who has some responsibility for the corporation's financial interests. The Certifying Person attests that the authorized representative 1) meets the requirements of HAR 11-55-07(b); and 2) has financial responsibility within the corporation/organization who can attest to the accuracy of reports either because he or she participated in the preparation of the report, or supervises those who did prepare it and can attest that those individuals followed standard protocols that ensure the accuracy of the report. Both the Certifying Person and authorized representative understand that they can be subject to civil and criminal liability for non-compliance with NPDES general permit conditions, non-compliance with HAR Chapters 11-54 and 11-55, and for falsifying information.

Authorized Representative Contact Information

Complete the following for your Authorized Representative.

Authorized Representative Company/Organization Name
State of Hawaii

Authorized Representative Department
Department of Transportation

Authorized Representative Division
Highways Division

Authorized Representative Mailing Address
727 Kakoi Street
Honolulu HI 96819

Authorized Representative Street Address
[No Street Address Specified]
[No City Specified] [No State/Area Specified]
[No Postal Code Specified]

Authorized Representative First Name
Sergio George

Authorized Representative Salutation
Mr.

Authorized Representative Last Name
Abcede

Authorized Representative Email Address
George.abcede@hawaii.gov

Authorized Representative Phone (e.g., 555-555-5555)
808-831-6700

Authorized Representative Alternate Phone (cell) (e.g., 555-555-5555)
None Specified

Authorized Representative Fax (e.g., 555-555-5555)
808-831-6725

9. DISCHARGE SPECIFIC ATTACHMENTS

Please
follow the instructions below.

a. Please select the NPDES general permit you are requesting coverage under. You may only request coverage under one (1) NPDES general permit per e-Permitting submission.

Appendix C - Discharges of storm water associated with construction activities.

b. Download and complete appropriate form(s).

For the NPDES general permit you are requesting coverage under (Section 9.a above), please download and complete the appropriate NOI form (Section 9.d below).

c. Upload completed form(s).

NPDESFormH-3revwatt.pdf

Confidential

No

Comment

None Specified

d. NOI forms.

Please see below for all of the NOI forms. A description of the discharge/activity is provided. Click on the link to download the form.

NOI Form B - Discharges of storm water associated with industrial activities. NPDES permit coverage is required for discharges of storm water runoff associated with industrial activity(ies), as categorized in 40 CFR 122.26(b)(14)(i) through 122.26(b)(14)(ix) and 122.26(b)(14)(xi).

Click
on this link to download NOI Form B.

NOI Form C - Discharges of storm water associated with construction activities. NPDES permit coverage is required for activities that disturb one (1) acre or more of total land area. NPDES permit coverage is also required for activities that disturb less than one (1) acre of total land area that are part of a larger common plan of development or sale if the larger common plan will ultimately disturb one (1) acre or more of total land area [40 CFR 122.26(b)(15)]. Land disturbance includes, but is not limited to clearing, grubbing, grading, excavation, demolition (even if leaving foundation), uprooting of vegetation, equipment staging on grassed areas or bare ground, equipment staging on a paved roadway (only if area blocked off from public usage), storage areas, and roadway work that touches the base course. Note: Areas which are cleared, graded, and/or excavated for the sole purpose of growing crops are considered to be agricultural and are therefore not included in the disturbed area quantity. This exemption does not extend to the construction of buildings and roads of agricultural or agriculture-related operations that disturb one (1) acre or more.

Click
on this link to download NOI Form C.

NOI Form D - Discharges of treated effluent from leaking underground storage tank remedial activities. NPDES permit coverage is required for the release or discharge of treated ground water to State waters from the cleanup (or remedial action) of underground storage tanks that have leaked petroleum hydrocarbons.

Click
on this link to download NOI Form D.

NOI Form E - Discharges of once through cooling water less than (1) million gallons per day. NPDES permit coverage is required for discharges to State waters of once through cooling water with a total flow of less than one (1) million gallons per day. "once through cooling water" means water passed through the main cooling condensers one or two times for the purpose of removing waste heat.

Click
on this link to download NOI Form E.

NOI Form F - Discharges of hydrotesting waters. NPDES permit coverage is required for the release or discharge of hydrotesting waters to State waters. "Hydrotesting Waters" means water used to test the integrity of a tank or pipeline, pipeline disinfection, and/or pipeline flushing.

Click
on this link to download NOI Form F.

NOI Form G - Discharges of construction activity dewatering. NPDES permit coverage is required for discharges to State waters of construction activity dewatering effluent. "Dewatering Effluent" is any type of water (e.g. ground water, storm water, stream water, ocean water, etc.) pumped from a construction area.

Click
on this link to download NOI Form G.

NOI Form H - Discharges of treated process wastewater associated with petroleum bulk stations and terminals. NPDES permit coverage is required for discharges to State waters of treated process wastewater effluent from petroleum bulk stations and terminals. Treated process wastewater effluent includes tank water draws, product displacement process wastewater, wash down and fire hydrant system test waters, service station tank draws, recovered groundwater, and contaminated storm water runoff from the product storage and handling areas.

Click
on this link to download NOI Form H.

NOI Form I - Discharges of treated process wastewater associated with well drilling activities. NPDES permit coverage is required for discharges to State waters of treated process wastewater associated with well drilling activities. Treated process wastewater includes well drilling slurries, lubricating fluids wastewaters, and well purge wastewaters.

Click
on this link to download NOI Form I.

NOI Form K - Discharges of storm water and certain non-storm water discharges from small Municipal Separate Storm Sewer Systems (MS4s). NPDES permit coverage is required for storm water and certain non-storm water discharges to State waters from small MS4s.

Click
on this link to download NOI Form K.

NOI Form L - Discharges of circulation water from decorative ponds or tanks. NPDES permit coverage is required for discharges to State waters of circulation water from decorative ponds or tanks containing fish or other aquatic species.

Click
on this link to download NOI Form L.



State of Hawaii, Department of Health, Clean Water Branch

NOI Form C

NOI for HAR, Chapter 11-55, Appendix C - NPDES General Permit Authorizing Discharges of Storm Water Associated With Construction Activities (as defined in 40 CFR §§122.26(b)(14)(x) and 122.26(b)(15)(i))

All sections of this form MUST be completed for National Pollutant Discharge Elimination System (NPDES) General Permit compliance.

C.1 – General Information

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

- *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 project site was used for the construction of Interstate Route H-3 and Pier 26 of the Halawa Valley Quarry Viaduct, including the access road. The site was actively used during viaduct construction and remains in use as part of Hawaiian Cement's daily operations.

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

- ☐ a. *DOH, Solid and Hazardous Waste Branch-Hawaii Underground Storage Tank- Leaking Underground Storage Tank database*
- ☐ b. *DOH, Hazard Evaluation and Emergency Response Office records*
- ☐ c. *Phase I and/or Phase II Environmental Site Assessments, as applicable*
- ☒ d. *Recent site inspections*
- ☒ e. *Past land use history*
- ☐ f. *Soil sampling data, if available*
- ☐ g. *Other (specify): _____*

Describe any existing pollution source(s) identified in the references you checked above: There are no known existing or historical hazardous pollution sources in the project area. Silt, clay, and other particulate runoff could occur from the Hawaiian Cement property that is adjacent to the project site.

Describe any corrective measures that have been undertaken for any existing pollution source(s): Hawaiian Cement has constructed permanent rock berms on their property to control runoff and treat stormwater prior to it entering Halawa Stream.

Note: You are required to contact the Department of Health, Office of Hazard Evaluation and Emergency Response at (808) 586-4249 if contaminated soil or groundwater is known to be present at your project site.

C.3 - Construction Site Estimates

Please provide the following estimates for the construction site.

Total project area including areas to be left undisturbed: 1.75 acres

Construction site area to be disturbed including storage and staging areas: 1.75 acres

Impervious area before construction: 0.21 acres

Impervious area after construction: 0.73 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 in an attachment or insert in this section.

The estimate of quantity of storm water runoff during construction has been calculated using the "rational method": $Q = CIFA$, where Q = flow rate in CFS, C = a runoff coefficient related to the permeability of the ground surface (higher numbers indicate more runoff, lower number indicates more infiltration/less runoff) ($C=0.8$), I = rainfall intensity in inches/hour for a 50-year storm in the project area ($I=6$ in/hr), F = a correction factor of 2.3, and A = the drainage area or construction site area (1.75 acres for entire site)

19.3 Cubic Feet per Second (CFS)

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: Soil in the project area is

dominantly comprised of recent fill. Along Halawa Stream the bank material is eroded and consists of weathered saprolite and recent alluvium. No contaminated soil is expected.

C.6 - Nature and Sequence of Construction Activity

What is the function of the construction activity (Please check all applicable activity(ies))?

- ☐ Residential ☐ Commercial ☐ Industrial ☐ Road Construction ☐ Linear Utility
☒ Other (please specify): Erosion protection for highway components

What is being constructed? Approximately 2,000 feet of the Halawa Access Road in the vicinity of the mauka section of the Halawa Quarry Viaduct will be relocated, a HECO guy wire stub pole will be relocated, and a riprap revetment will be placed in the vicinity of Pier 26 of the Halawa Quarry Viaduct for a length of roughly 150 feet.

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.

Three activities will occur: 1) relocate and repave approximately 2,000 feet of the Halawa Access Road; 2) a HECO guy wire stub pole will be relocated, which will require a new drilled shaft; and, 3) install riprap revetment to prevent erosion around Pier 26 of the Halawa Quarry Viaduct.

C.7 - Existing or Pending Permits, Licenses, or Approvals

Place a check next to all applicable Federal, State, or County permits, Licenses, or approvals for the project and specify the permit number.

- ☐ Other NPDES Permit or NGPC File No.: _____
☒ Department of the Army Permit (Section 404): NW 13 POH-2019-00159
 If your project requires work in, above, under or adjacent to State waters, please contact the Army Corps of Engineers (COE) Regulatory Branch at (808) 438-9258 regarding their permitting requirements. Provide a copy of the COE permitting jurisdictional determination (JD) or the JD with COE Person's Name, Phone Number, and Date Contacted.
☐ Facility on SARA 313 List (identify SARA 313 chemicals on project site: _____)
☐ RCRA Permit (Hazardous Wastes): _____
☒ Section 401 Water Quality Certification: In Progress
☒ Other (Specify): Stream Channel Alteration Permit (SCAP.1705.3)

County-approved Erosion and Sediment Control Plan and/or Grading Permit

- a. 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?
 - ☐ Yes. Please complete Section C.7.b below and skip Section C.7.c.
 - ☒ No. Please complete Section C.7.c below and skip Section C.7.b.
- b. Is a copy County-approved Erosion and Sediment Control Plan and/or Grading Permit, as appropriate for the activity and schedule for implementing each control, attached?
 - ☐ Yes, see Attachment _____
 - ☐ No, the County-approved Erosion and Sediment Control Plan and/or Grading Permit, as appropriate for the activity and schedule for implementing each control, will be submitted at least 30 calendar days before the start of construction activities.
- c. 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.
 - ☐ See Attachment _____ for the County written determination.
 - ☐ Provide the County contact person information (Name, Department, Phone Number, and Date Contacted): _____
 - ☐ The project is a Federal Project and does not require County approval.
 - ☒ Other (specify): Road related work within the Department of Transportation Highways Division right-of-way and other state lands does not require a County grading permit.

C.8 - Project Site Maps and Construction Plans/Drawings

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

Please reference which maps account for the features listed below.

- a. Island on which the project is located. Attachment A-1 Oahu – Location Plan / Title Page
- b. Vicinity of the project on the island. Attachment A-1 Location Plan / Title Page
- c. Legal boundaries of the project. Attachment A-2 TMK Map
- d. Receiving State water(s) from Section 6 of e-Permitting form and receiving separate drainage system(s) from Section 7 of e-Permitting form, identified and labeled. North Halawa Stream; Attachment A-3 Plan – 2, Relocated Halawa Access Road (Sheet No. C-4 of 9); Attachment A-4 Plan – 1, Relocated Halawa Access Road (Sheet No. C-3 of 9);
- e. Location of ALL discharge points from Section 6 of e-Permitting form with identification numbers Attachment A-3 Plan – 2, Relocated Halawa Access Road (Sheet No. C-4 of 9); Attachment A-4 Plan – 1, Relocated Halawa Access Road (Sheet No. C-3 of 9)

- f. Boundaries of 100-Year flood plans. Attachment A-5 National Flood Hazard Layer FIRMette
- g. Areas of soil disturbance. Attachment A-6 Erosion Control Plan, Relocated Halawa Access Road (Sheet No. EC-2 of 2); Attachment A-7 Erosion Control Plan, Relocated Halawa Access Road (Sheet No EC-1 of 2); Attachment A-8 Erosion Control Plan Pier #26 Riprap Revetment (Sheet No. REC-1)
- h. Location(s) of impervious structures (including buildings, roads, parking lots, etc.) after construction is completed. Attachment A-3 Plan – 2, Relocated Halawa Access Road (Sheet No. C-4 of 9); Attachment A-4 Plan – 1, Relocated Halawa Access Road (Sheet No. C-3 of 9)
- i. 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). Drainage patterns will not be significantly altered by the project. Attachment A-6 Erosion Control Plan, Relocated Halawa Access Road (Sheet No. EC-2 of 2); Attachment A-7 Erosion Control Plan, Relocated Halawa Access Road (Sheet No EC-1 of 2)
- j. 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). Drainage patterns will not be significantly altered by the project. Attachment A-6 Erosion Control Plan, Relocated Halawa Access Road (Sheet No. EC-2 of 2); Attachment A-7 Erosion Control Plan, Relocated Halawa Access Road (Sheet No EC-1 of 2)
- k. 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). Drainage patterns will not be significantly altered by the project. Attachment A-3 Plan – 2, Relocated Halawa Access Road (Sheet No. C-4 of 9); Attachment A-4 Plan – 1, Relocated Halawa Access Road (Sheet No. C-3 of 9)

C.9 - Construction Schedule

Provide the following estimated dates:

The date when construction activity will begin. 7/2/2020

The date when each major construction activity begins. See attached schedule Attachment A-9

The date when the Notice of Cessation form will be submitted. Anticipated 4/30/2121

Site Specific BMPs Plan Attachments

Attachment A - Project Site Maps and Construction Plans/Drawings (Section C.8)

PROJECT SITE MAPS, CONSTRUCTION PLANS/DRAWINGS

ATTACHMENT A

**Attachment A-1: Location Plan/Title Page, H-3 Finish
(Unit VIIC)**

Attachment A-2: TMK Map, H-3 Finish (Unit VIIC)

**Attachment A-3: Plan 2 – Relocated Halawa Access Road
(Sheet No. C-4 of 9)**

**Attachment A-4: Plan 1 – Relocated Halawa Access Road
(Sheet No. C-3 of 9)**

Attachment A-5: National Flood Hazard Layer FIRMette

**Attachment A-6: Erosion Control Plan – Relocated
Halawa Access Road (Sheet No. EC-2 of 2)**

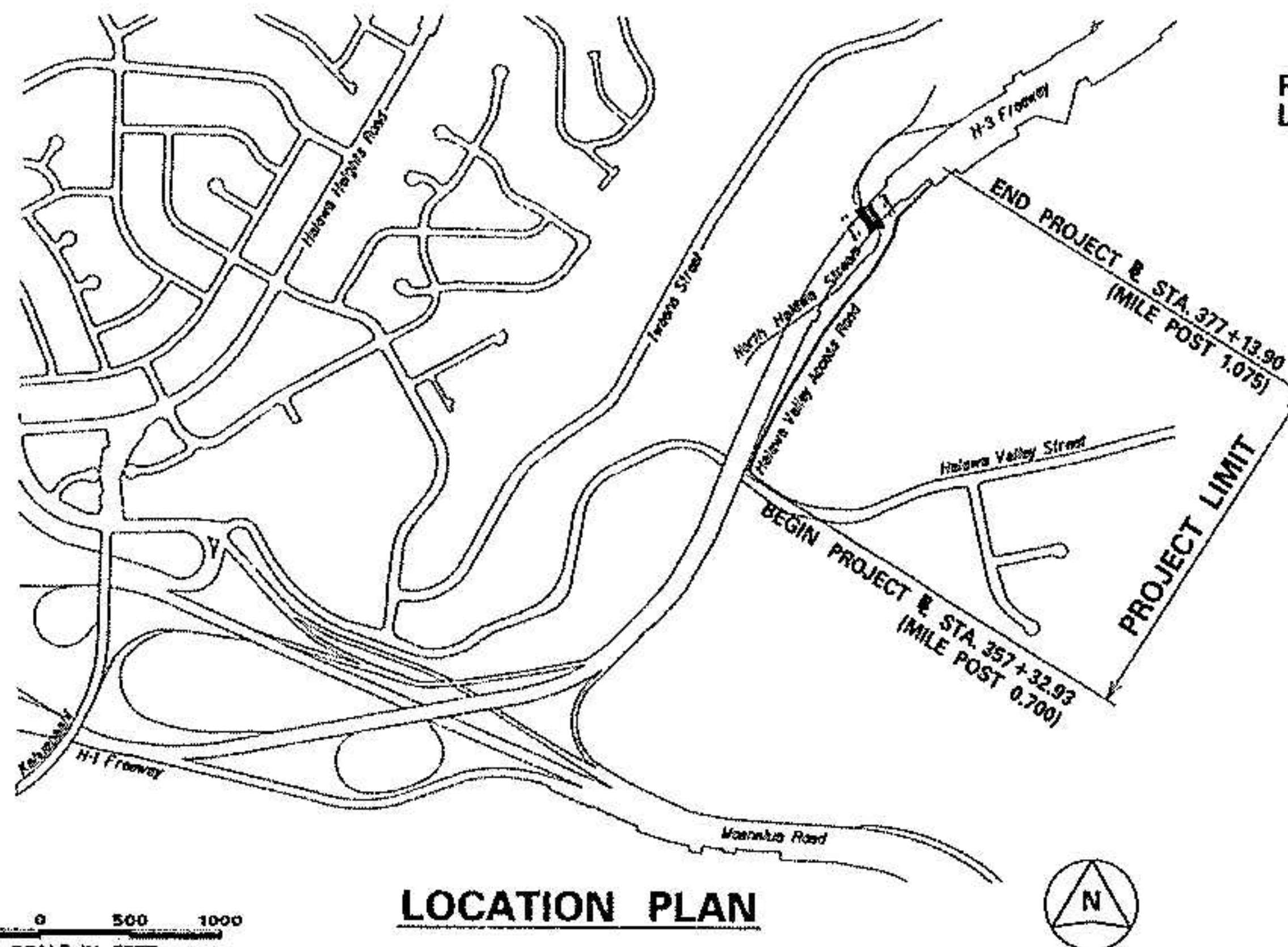
**Attachment A-7: Erosion Control Plan – Relocated
Halawa Access Road (Sheet No. EC-1 of 2)**

**Attachment A-8: Erosion Control Plan -- Pier #26 Riprap
Revetment (Sheet No. REC-1 of 1)**

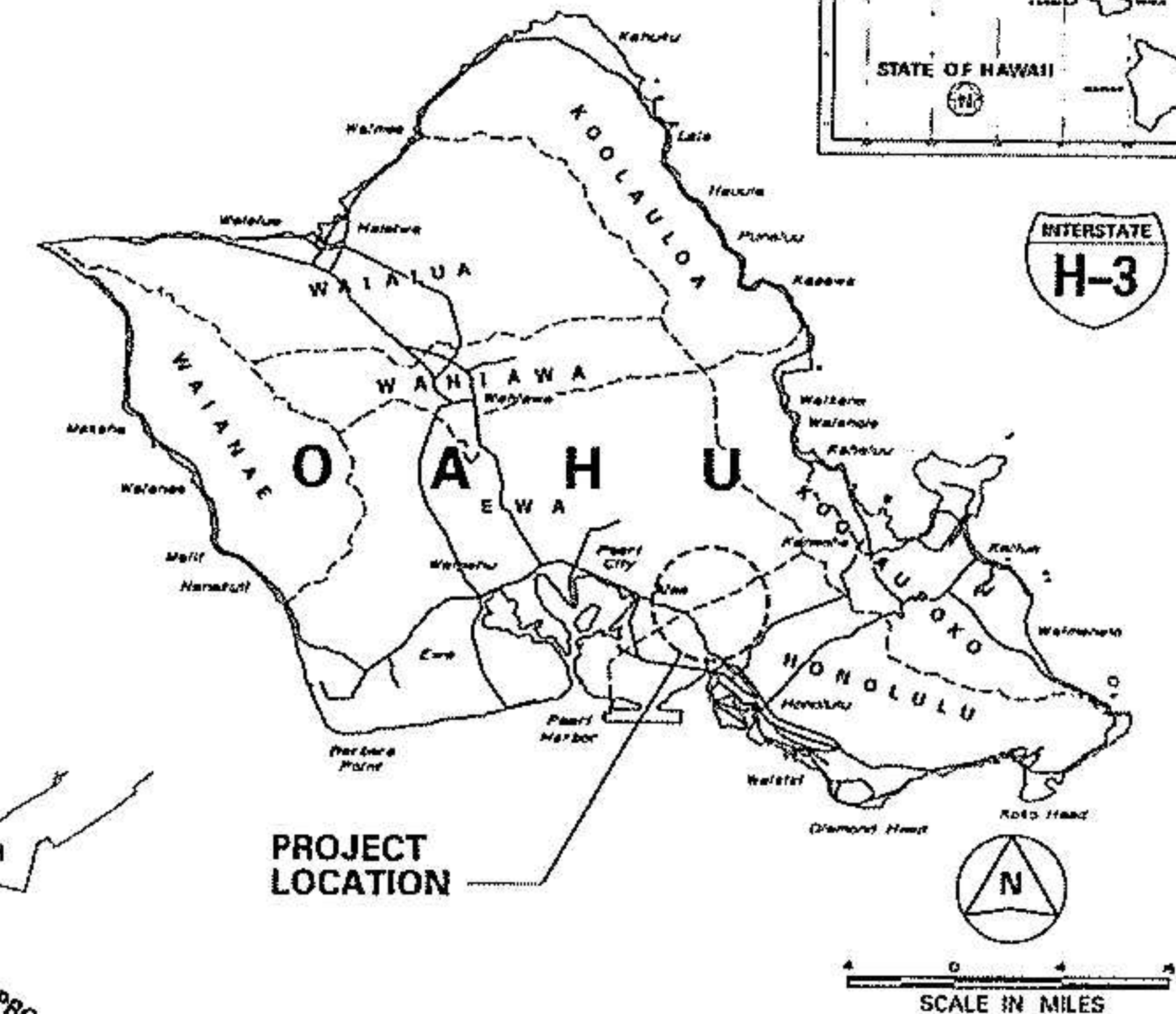
Attachment A-9: Schedule

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STANDARD PLANS SUMMARY
3	GENERAL NOTES, LEGEND AND ABBREVIATIONS
4 - 6	WATER POLLUTION AND EROSION CONTROL NOTES
7 - 10	UTILITY NOTES
11 - 12	TYPICAL SECTIONS RELOCATED HALAWA ACCESS ROAD
13 - 14	PLANS RELOCATED HALAWA ACCESS ROAD
15	PROFILE RELOCATED HALAWA ACCESS ROAD
16 - 18	HECO GUY WIRE RELOCATION DETAILS
19	MISCELLANEOUS DETAILS RELOCATED HALAWA ACCESS ROAD
20 - 21	SIGNING AND STRIPING RELOCATED HALAWA ACCESS ROAD
22	TRAFFIC CONTROL PLAN RELOCATED HALAWA ACCESS ROAD
23 - 24	EROSION CONTROL RELOCATED HALAWA ACCESS ROAD
25 - 31	CROSS SECTIONS RELOCATED HALAWA ACCESS ROAD
32	PLAN - PIER #26-RIPRAP REVETMENT
33	MISCELLANEOUS DETAILS PIER #26-RIPRAP REVETMENT
34 - 36	TRAFFIC CONTROL PLANS PIER #26-RIPRAP REVETMENT
37	EROSION CONTROL PIER #26-RIPRAP REVETMENT
38 - 43	CROSS SECTIONS PIER #26-RIPRAP REVETMENT
44-47	REFERENCE DRAWINGS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII
PLANS FOR
**INTERSTATE ROUTE H-3
H-3 FINISH, UNIT VIIC
FAIP NO. I-H3-1 (75), UNIT VIIC**



FED. ROAD DIST. NO.	STATE	FEDERAL AID FIDJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FID-7751 UNIT VIIC	2010	1	47

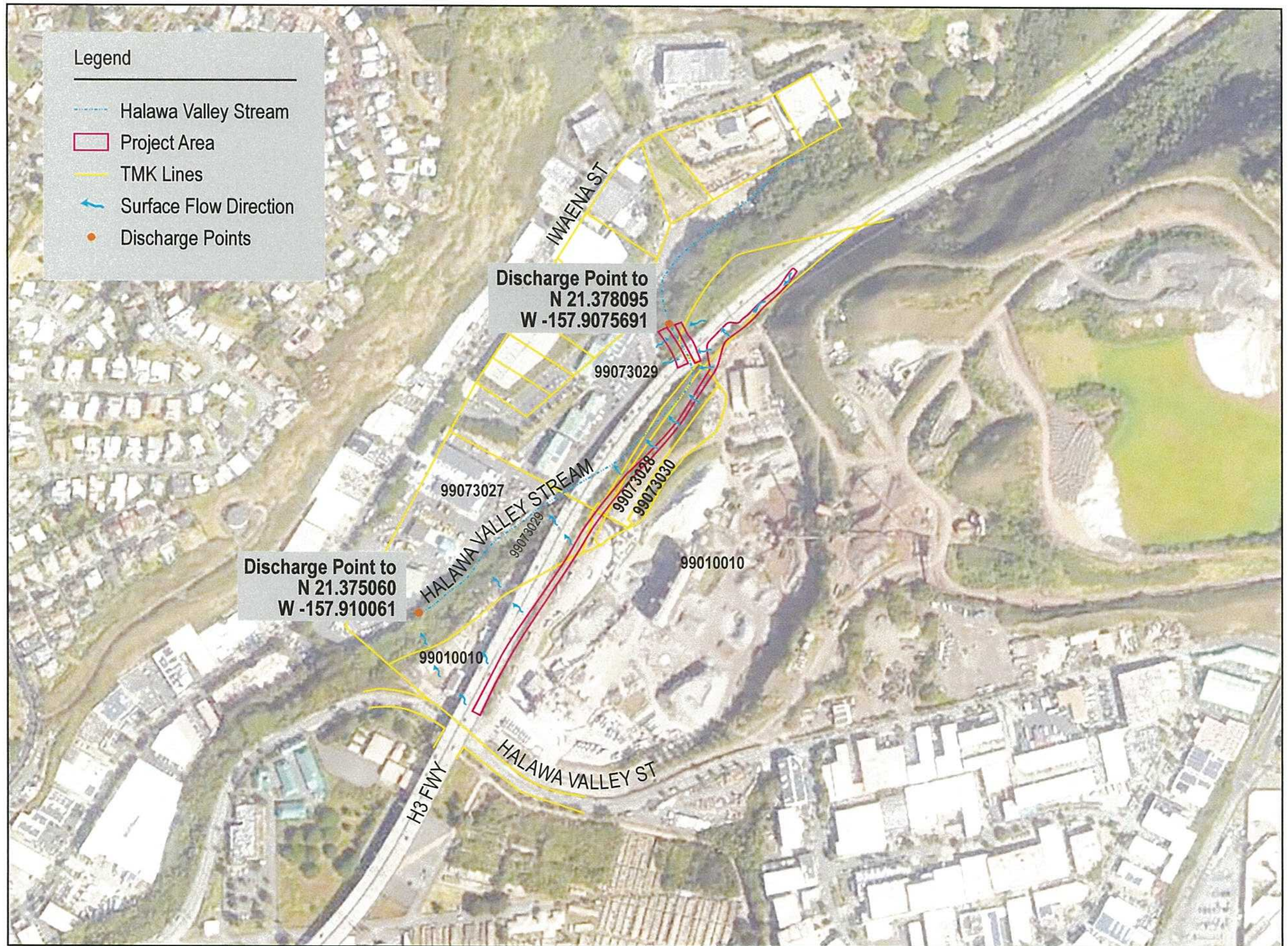


REDUCED PLAN
(HALF SIZE)

0 1 2 3

3 INCHES ON ORIGINAL PLAN

DEPARTMENT OF TRANSPORTATION STATE OF HAWAII	
APPROVED:	
<i>for [Signature]</i>	12-16-09
DIR. OF TRANSPORTATION	DATE

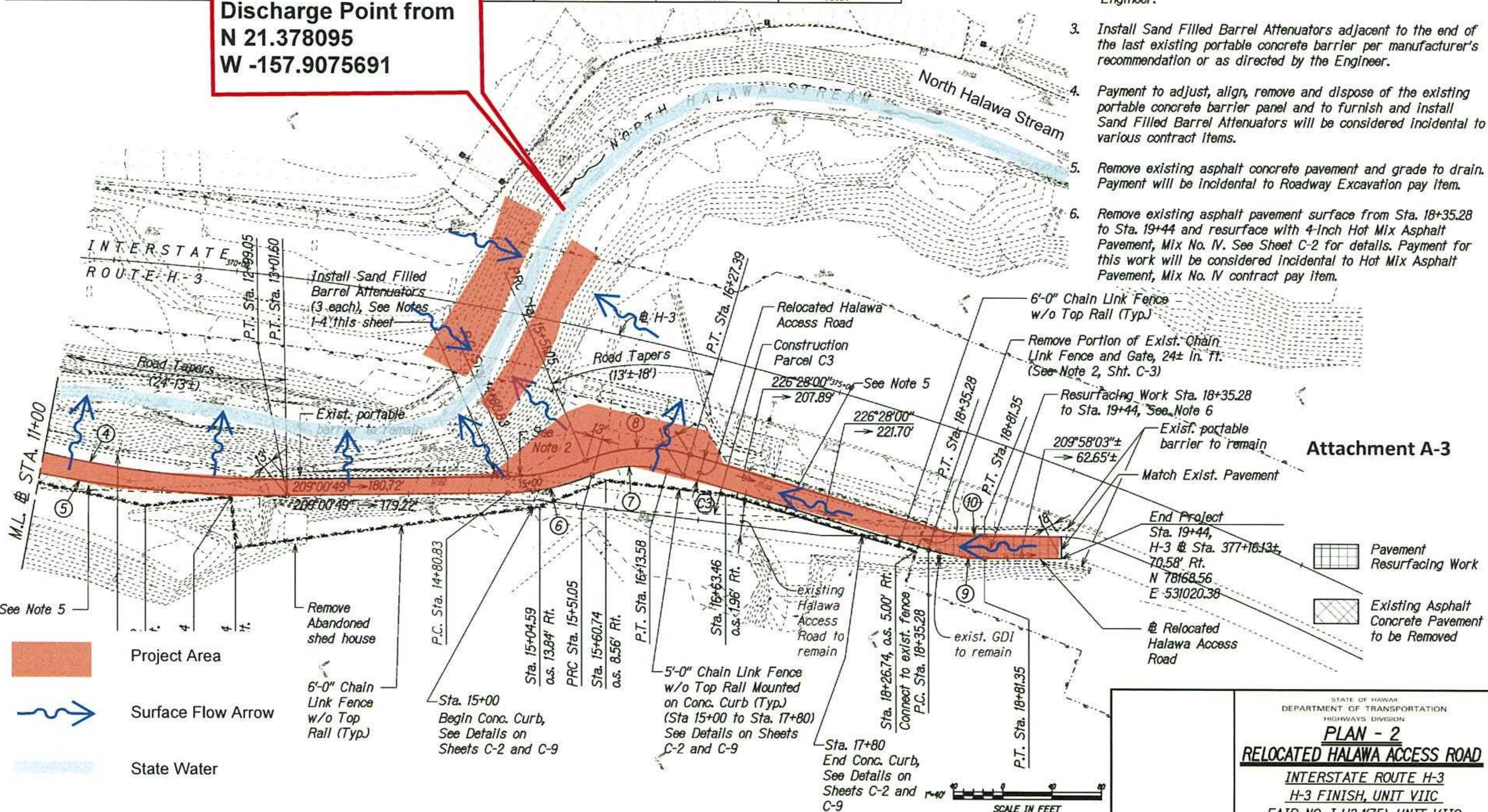


HORIZONTAL CURVE DATA							
	④	⑤	⑥	⑦	⑧	⑨	⑩
Δ	17°59'11"	15°41'18"	22°21'13"	39°48'24"	39°48'24"	16°29'57"	16°29'57"
Δ/2	8°59'36"	7°50'39"	11°10'37"	19°54'12"	19°54'12"	8°14'59"	8°14'59"
R	800.00'	1000.00'	180.00'	90.00'	124.57'	160.00'	142.00'
T	126.61'	137.77'	35.57'	32.59'	45.10'	23.20'	20.59'
C	250.11'	272.96'	69.78'	61.28'	84.82'	45.92'	40.75'
L _c	251.14'				86.55'	46.07'	40.87'

Discharge Point from
N 21.378095
W -157.9075691

NOTES:

1. Adjust existing portable concrete barriers to align with edge of roadway, as accepted by the Engineer.
2. Remove and dispose of the existing portable concrete barrier terminal panel and adjust the last existing portable concrete barrier to align with edge of roadway, as accepted by the Engineer.
3. Install Sand Filled Barrel Attenuators adjacent to the end of the last existing portable concrete barrier per manufacturer's recommendation or as directed by the Engineer.
4. Payment to adjust, align, remove and dispose of the existing portable concrete barrier panel and to furnish and install Sand Filled Barrel Attenuators will be considered incidental to various contract items.
5. Remove existing asphalt concrete pavement and grade to drain. Payment will be incidental to Roadway Excavation pay item.
6. Remove existing asphalt pavement surface from Sta. 18+35.28 to Sta. 19+44 and resurface with 4-Inch Hot Mix Asphalt Pavement, Mix No. IV. See Sheet C-2 for details. Payment for this work will be considered incidental to Hot Mix Asphalt Pavement, Mix No. IV contract pay item.



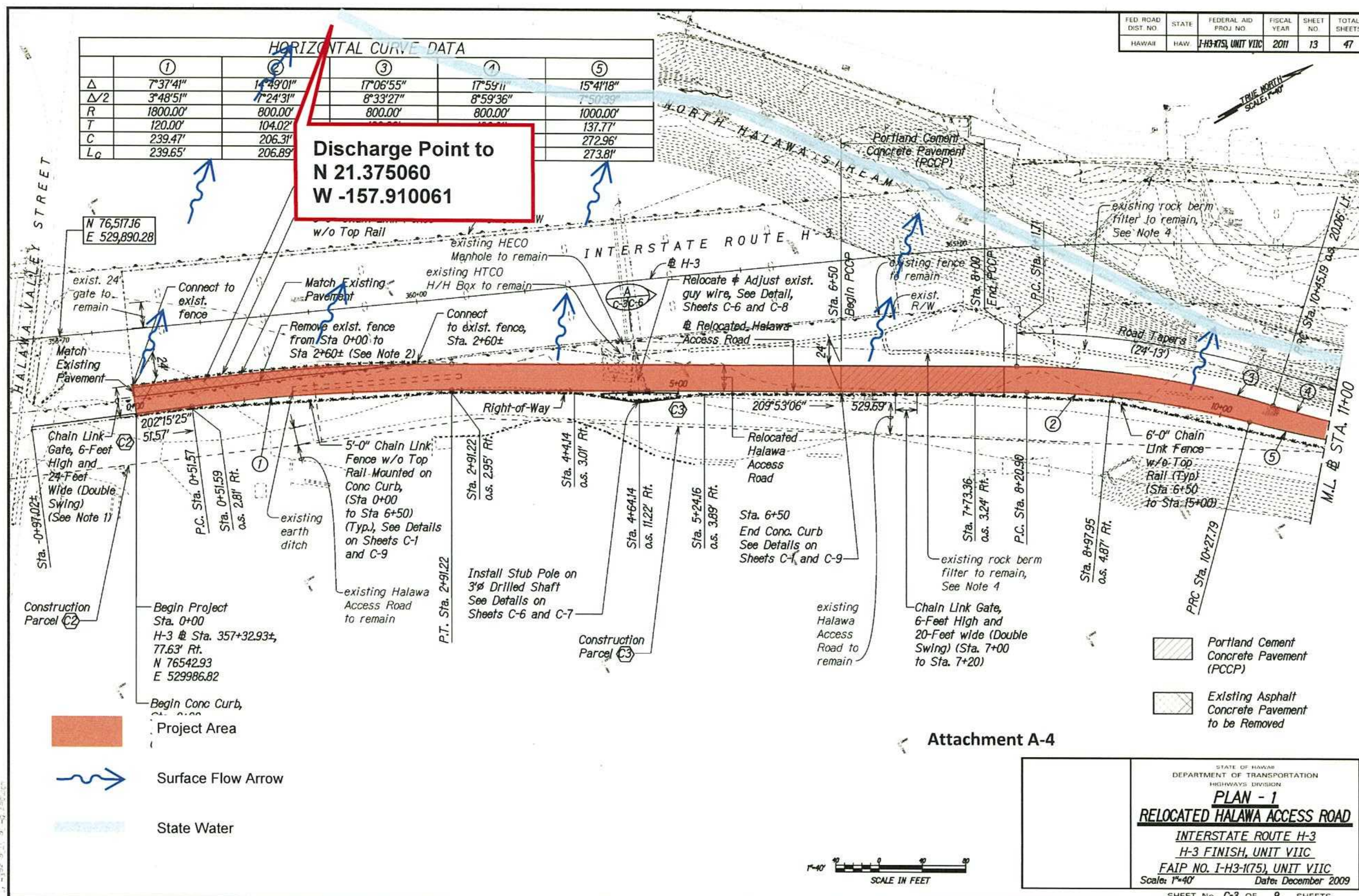
Attachment A-3

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLAN - 2
RELOCATED HALAWA ACCESS ROAD
INTERSTATE ROUTE H-3
H-3 FINISH, UNIT VIIC
FAIP NO. I-H3-1(75), UNIT VIIC
Scale: 1"=40' Date: December 2009
SHEET No. C-4 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-K75, UNIT VIIC	2011	13	47

HORIZONTAL CURVE DATA					
	①	②	③	④	⑤
Δ	7°37'41"	1°49'01"	17°06'55"	17°59'11"	15°41'18"
Δ/2	3°48'51"	0°54'31"	8°33'27"	8°59'36"	7°50'39"
R	1800.00'	800.00'	800.00'	800.00'	1000.00'
T	120.00'	104.02'			137.77'
C	239.47'	206.31'			272.96'
Lc	239.65'	206.89'			273.81'

Discharge Point to
N 21.375060
W -157.910061



Attachment A-4

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLAN - 1
RELOCATED HALAWA ACCESS ROAD
INTERSTATE ROUTE H-3
H-3 FINISH, UNIT VIIC
FAIP NO. I-H3-K75, UNIT VIIC
Scale: 1"=40' Date: December 2009
SHEET No. C-3 OF 9 SHEETS

National Flood Hazard Layer FIRMette



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

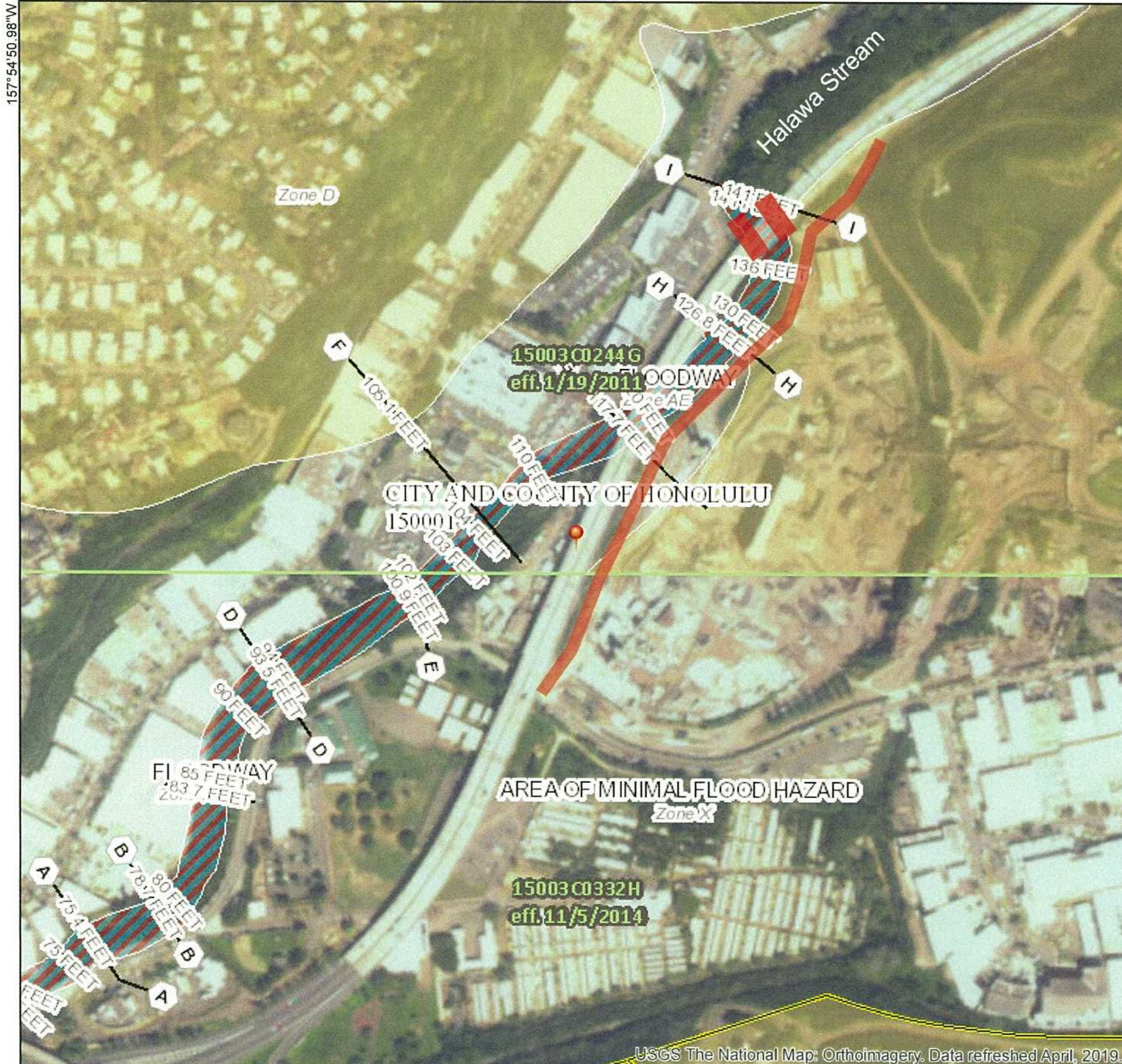
Limits of Project

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/29/2019 at 9:31:15 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

21°22'47.90"N



USGS The National Map: Orthoimagery. Data refreshed April, 2019.

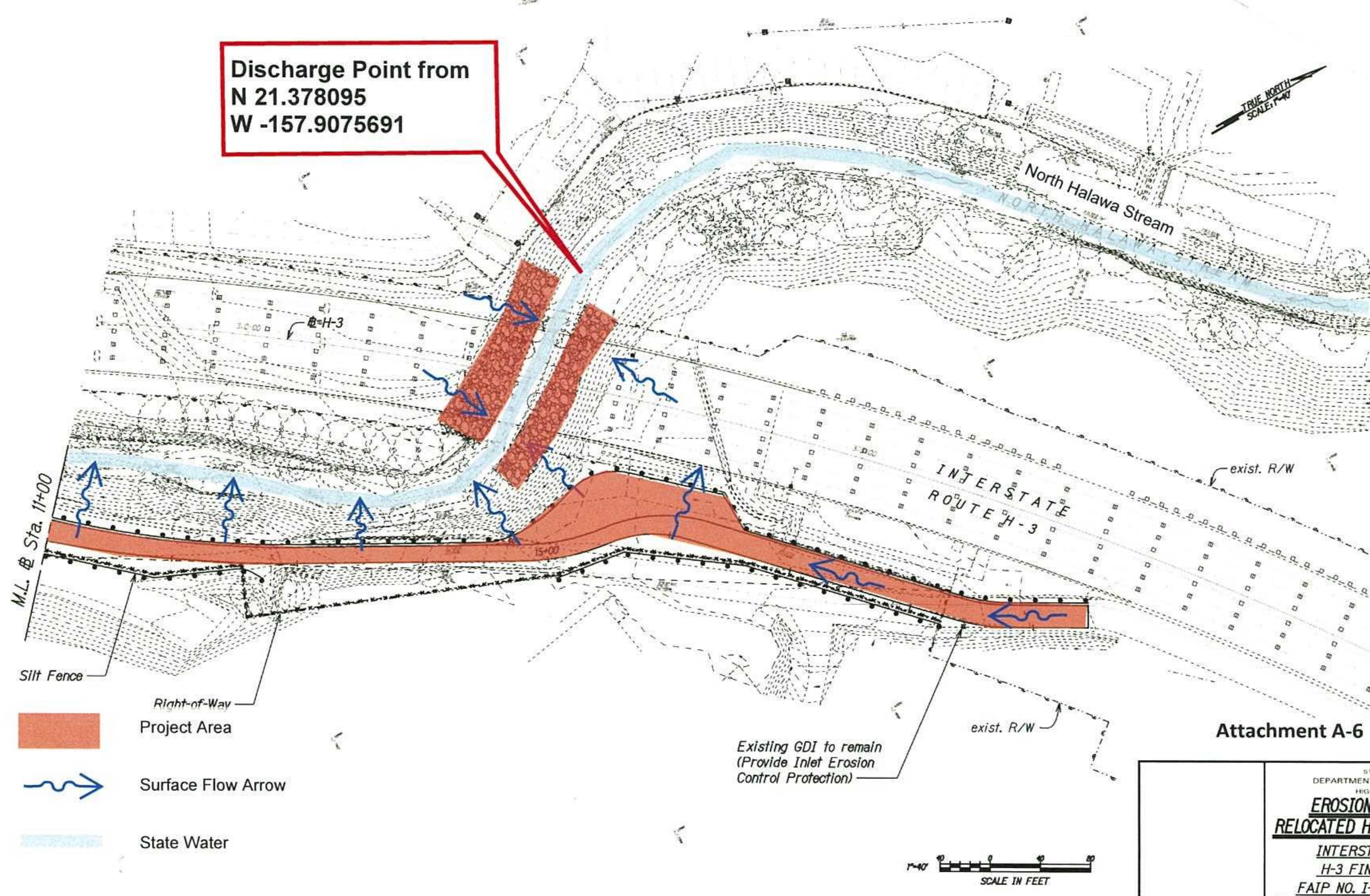
0 250 500 1,000 1,500 2,000 Feet

1:6,000

21°22'14.40"N

Attachment A-5

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-K75, UNIT VIIC	2011	24	47



Discharge Point from
N 21.378095
W -157.9075691

- Silt Fence
- Right-of-Way
- Project Area
- Surface Flow Arrow
- State Water

Attachment A-6

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

EROSION CONTROL PLAN

RELOCATED HALAWA ACCESS ROAD

INTERSTATE ROUTE H-3

H-3 FINISH, UNIT VIIC

FAIP NO. I-H3-K75, UNIT VIIC

Scale: 1"=40'

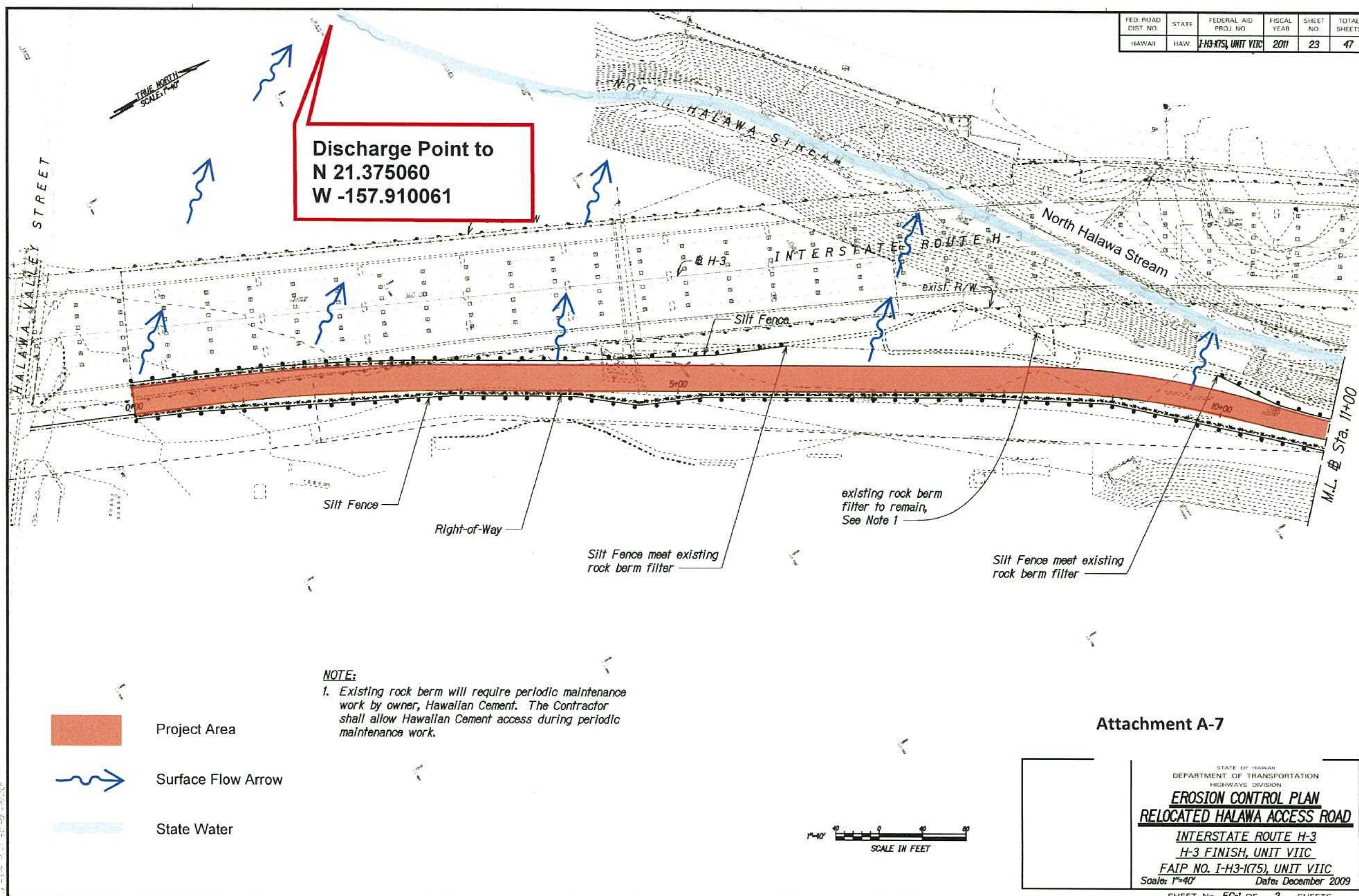
Date: December 2009

SHEET No. EC-2 OF 2 SHEETS

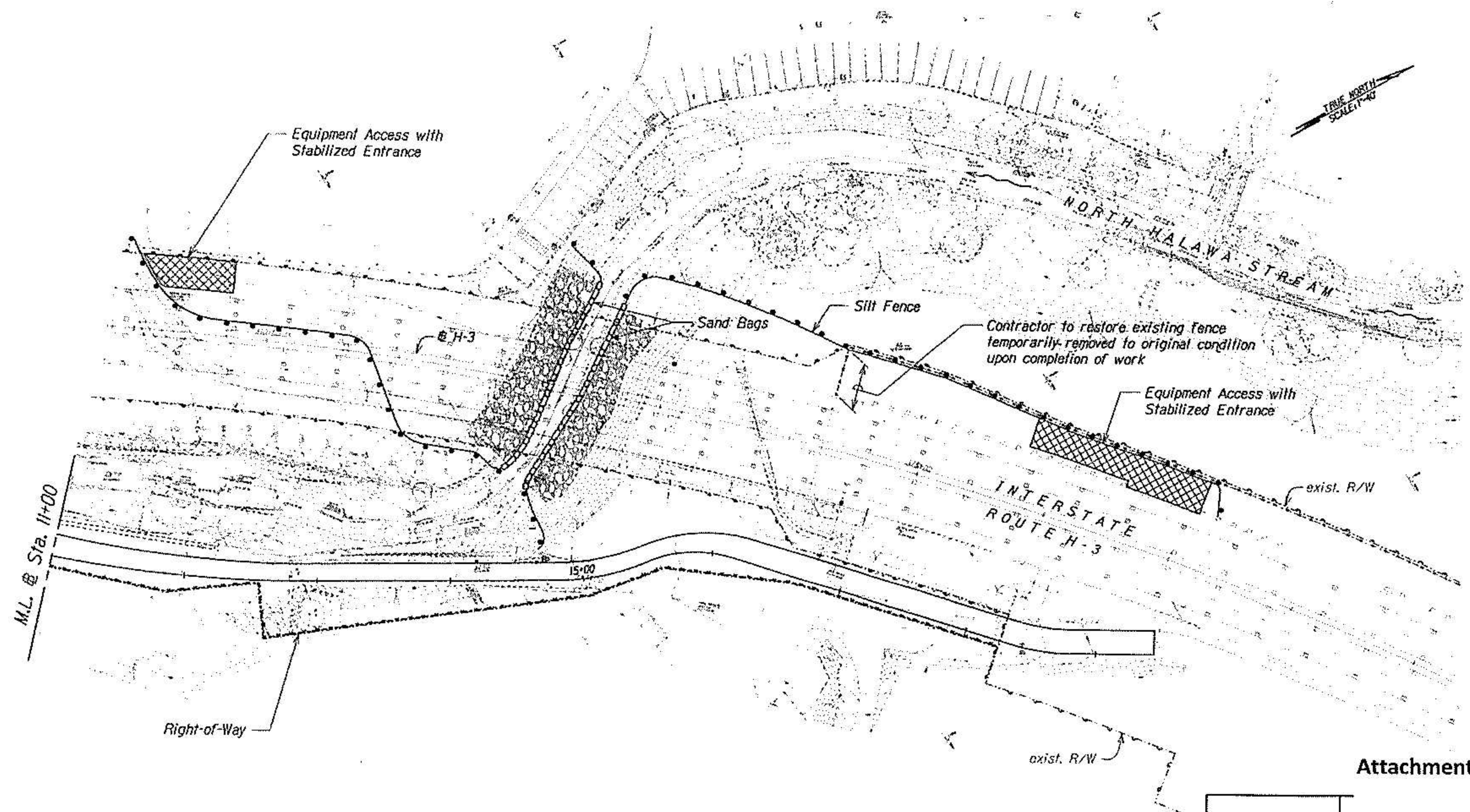
24

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

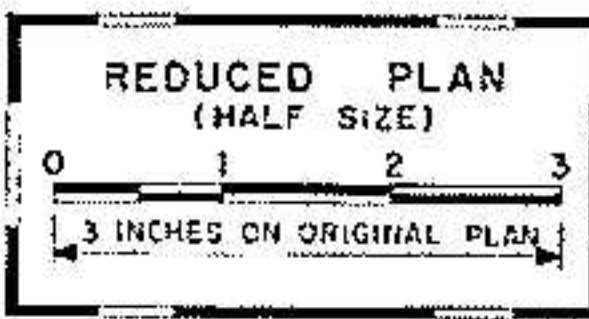
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-175, UNIT VIIC	2011	23	47



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-K75, UNIT VIIC	2010	37	47



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
APPROVED BY	



Attachment A-8

DAVID D. AMODEO
LICENSED PROFESSIONAL ENGINEER
NO. 10771-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
David D. Amodeo

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN

PIER #26-RIPRAP REVETMENT

INTERSTATE ROUTE H-3

H-3 FINISH, UNIT VIIC

FAIP NO. I-H3-K75, UNIT VIIC

Scale: 1"=40' Date: December 2009

SHEET No. REC-1 OF 1 SHEETS

