

BENJAMIN J. CAYETANO  
GOVERNOR



GARY GILL  
DIRECTOR

STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
220 SOUTH KING STREET  
FOURTH FLOOR  
HONOLULU, HAWAII 96813  
TELEPHONE (808) 586-4186  
FACSIMILE (808) 586-2452

November 20, 1995

Hugh Ono, Administrator  
Highways Division  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813

Attention: Allan Nishimura

Dear Mr. Ono:

Subject: Final Environmental Assessment (FEA)/Negative Declaration for Kaumualii Highway Rock Revetment at Kekaha, Kauai, Federal-Aid Project No. ER-11(2), TMK: 1-3-05:1 (HD-DD 2.2313)

This FEA/negative declaration has been published in the November 8th, 1995, *Environmental Notice* (formerly the *OEQC Bulletin*). We are writing to bring to the attention of your department that the state administration has developed new policies regarding seawalls and revetments.

As you are probably aware, our islands are experiencing dramatic beach erosion in many areas. This loss of sandy beaches can be exacerbated by shoreline hardening projects. Because many state-owned coastal highways have already experienced wave damage and DOT is working to protect them with revetments or walls, your department is a key player in protecting beaches.

The Office of Environmental Quality Control, in conjunction with the Office of State Planning, Department of Land and Natural Resources and other agencies, has developed a new standard of information and analysis that should be included in an environmental assessment of a shoreline hardening project. We have enclosed a list of informational items that we will ask for in all future seawall projects.

165

Hugh Ono  
November 20, 1995  
Page 2

We realize that it may be burdensome on your department to do the additional analyses that the new state policy requires. We can assist you by referring you to those in state government with the appropriate expertise.

If you have any questions, please call our office at 586-4185.

Sincerely,

A handwritten signature in cursive script that reads "Gary Gill". The signature is written in black ink and is positioned above the printed name.

Gary Gill

GG/nh  
Enc.

1995-01-08- RA- FEA- Kaunualii Hwy Rock  
Revetment at Kekaha

NOV - 8 1995

FILE COPY

FINAL ENVIRONMENTAL ASSESSMENT  
KAUMUALII HIGHWAY  
ROCK REVETMENT AT KEKAHA  
FEDERAL AID PROJECT NO. ER-11(2)  
OCTOBER 11, 1995

PROPOSING AGENCY: State Department of Transportation  
Highways Division

APPROVING AGENCY: The Governor will be the approving agency  
because this project uses State funds.

UFC OF ENVIRONMENTAL  
QUALITY CORP

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AGENCIES CONSULTED:

This project is a continuation of an existing 1.73 mile long rock  
revetment at Kekaha (EIS issued 1973). The following agencies  
were contacted as part of that process and coordination is  
ongoing as appropriate.

Federal Agencies: U.S. Army Corps of Engineers  
U.S. Department of Commerce, National Marine  
Fisheries Service  
U. S. Department of the Interior, Fish and  
Wildlife Service

State Agencies: Department of Business and Economic  
Development and Tourism  
Department of Health  
Department of Land and Natural Resources  
Office of State Planning

County of Kauai: Planning Department  
Department of Public Works  
Department of Water Supply  
Office of Economic Development  
Citizens Electric Company  
GTE Hawaiian Telephone Company  
Garden Island Cablevision L P  
Sierra Club Hawaii Chapter Kauai Group

**PROJECT CHARACTERISTICS:**

**GENERAL:** The State Department of Transportation, Highways Division is proposing to build a sloped rock revetment at Kekaha. The proposed revetment is located along Kaumualii Highway between Aukuu Road and Manu Road, from mile post 25.41 to mile post 25.16. The proposed revetment will extend an existing 1.73 mile long revetment built in the 1980's. (See Figure 1)

This section of roadway has recently been subjected to frequent storms and two hurricanes, Hurricane Iwa in 1982, and Hurricane Iniki in 1992. Due to these storms, portions of Kaumualii Highway have been closed off, greatly limiting the mobility of Kekaha residents. Because the existing shoulder has been eroded by Hurricane Iniki, the roadway bed is in danger of being undermined. Apparently the existing rock revetment has protected Kaumualii Highway since that section of the highway along the existing rock revetment was not damaged during Hurricane Iniki. Therefore, this project will be a continuation of the current revetment adjoining this project area.

The State Land Use Commission determined that the project site is urban (See Attachment A). The conservation boundary is determined by a certified shoreline (See Attachment B). The Department of Land and Natural Resources zone this project site in the resource subzone (See Attachment C).

**TECHNICAL:** The proposed project shall consist primarily of constructing a sloped rock revetment along Kaumualii Highway (Route 50), in Kekaha, on the Island of Kauai. The new revetment shall be approximately 0.25 miles long. After excavation for the footing, a layer of geotextile fabric will protect the fines from eroding. Then a two foot wide sloped bedding layer of 200-500 pound stones will be placed upon the geotextile fabric. Two layers of 6.8 feet wide 2-4 ton armor stones with at least 50% of the armor stones greater than 3 tons will be placed upon the bedding layer. The voids in the revetment will be filled with sand. The excavation for the footing will be to the reef or elevation -4.3 feet. If the reef is

encountered during the excavation, then the bedding layer will be eliminated. The proposed project will be parallel to Kaunualii Highway. Figures 2 and 3 show the proposed work.

This project is unique and specific to the site and no other sites are available. Other methods of design are the installation of dolos, tribars or other precast concrete energy absorbing system. These systems would possibly prevent some undesirable visual impacts and would severely limit the public accessibility to the beaches. These conditions would render this alternative unacceptable.

A second alternative is to construct a vertical or concave concrete seawall. This alternative would probably require a guardrail and/or handrail combination for pedestrian and vehicular safety. These conditions would severely restrict public accessibility to the beaches. A wall type construction would probably increase the likelihood of introducing reflected or refracted wave dynamic conditions that might be detrimental to the existing coastline. These conditions would probably make this alternative unacceptable.

A third alternative would be the construction of an offshore barrier reef to dissipate kinetic energy associated with high surf conditions. This alternative would have wide-reaching short-term and long-term environmental and ecological impacts for the surrounding area and possibly the island. These conditions would make this alternative unacceptable.

If this project is not allowed to be completed, the most feasible alternative would be to "do nothing," but constantly maintain the eroded shoulder due to high surf, and resign to the fact that the next hurricane to hit the island would probably destroy that stretch of roadway within the project area.

**ECONOMIC:**

The estimated construction costs for the proposed project will be \$107,500.0 for the State of Hawaii and \$505,700.00 for the Federal Government.

**SOCIAL:**

The recreational uses of the area affected by the project includes surfing and fishing. However, the surfing is done further out and fishing occurs only occasionally. Other activities such as swimming, sunbathing, and picnicking are usually enjoyed at Kekaha Beach Park located approximately one-half mile west from the project limits. Recreational activity within the project area is limited and the project will have no significant impacts.

**ENVIRONMENTAL:** The footing for the rock revetment will be constructed within an acquired construction parcel. The project area is inhabited by seaweeds Giffordia breviarticulata and Acanthophora spicifera, and the mollusks pipipi Nerita picea and black foot opihi makaiauli Cellana exarata. No rare or unusual flora or fauna inhabit this project area.

The following best management plan shall be used if a green sea turtle is on or within 50 feet of the shoreline at the project site. All construction work shall stop and the green sea turtle shall not be disturbed. The Hawaii Division of Aquatic Resources Kauai District Office shall be called and they will immediately send personnel qualified to observe, tag, record, and/or release the green sea turtle as required. Construction can resume after the green sea turtle is out of sight or as directed by the Aquatic Resources personnel.

If the green sea turtle is within 200 feet of the project site: Stop all construction work seaward of the project site so the green sea turtle shall not be disturbed. The Hawaii Division of Aquatic Resources Kauai District shall be called and they will immediately send personnel qualified to observe, tag, record, and/or release the green sea turtle as required. Construction can resume after the green sea turtle is out of sight or as directed by Aquatic Resource personnel.

There will be no significant adverse affects on

air quality or noise due to the proposed project. All improvements will be constructed to resemble existing conditions so as not to adversely effect visual impacts. Best management practices will be applied so no adverse effects on water quality are anticipated due to the construction of the rock revetment by the placement of a barrier of berm where the excavated material will be temporarily stockpiled. The water quality will be monitored for turbidity and total suspended solids before, during and after construction to ensure that the water quality is maintained. The project engineer shall take photographs of construction and shall assure that the contractor is following all the best management practices in the construction of the project.

#### SUMMARY OF THE AFFECTED ENVIRONMENT:

The primary purpose of this project is to protect the roadway from the erosive nature of the shoreline due to heavy storms. As the roadway parallels the shoreline and serves as the primary access to the beaches and fishing areas, the proposed rock revetment should help to guarantee that adequate access to the beaches is preserved and maintained.

Thus, the proposed rock revetment at Kekaha will produce a positive effect on the vehicular traffic flow in the project area. There are no endangered flora, fauna, critical habitats, historical/archaeological or cultural sites at the location of the proposed project (refer to Attachment D).

Attachment E are the other comments received about the Draft Environmental Assessment.

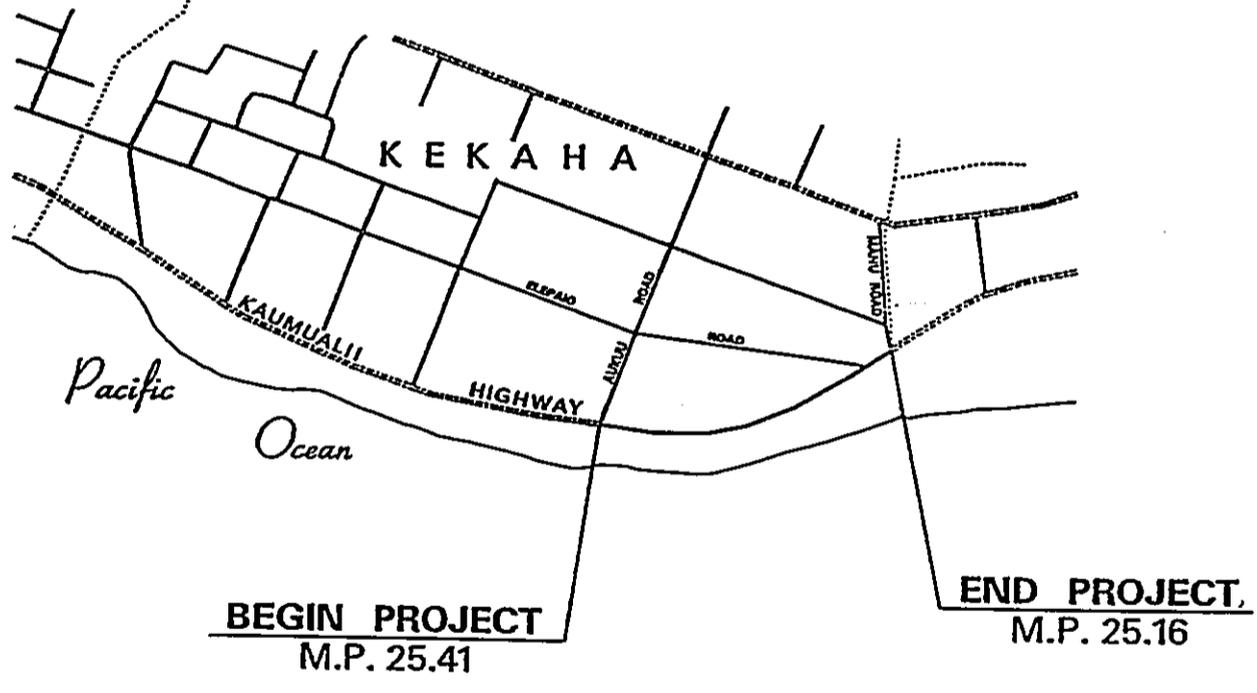
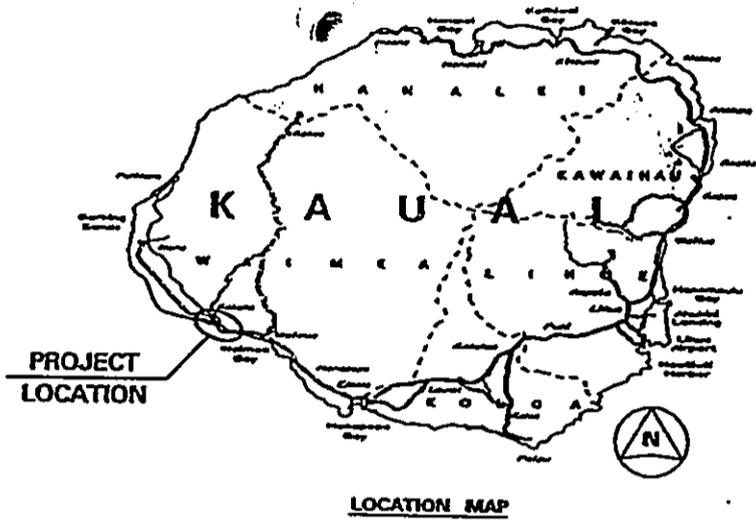
#### SUMMARY OF MAJOR IMPACTS:

Short Term: During construction, the following minor adverse impacts are anticipated:

1. dust and noise
2. traffic slow down
3. minor erosion

Long Term: No significant permanent adverse impacts, are anticipated in the following conditions due to the construction of the proposed project.

Figure 1

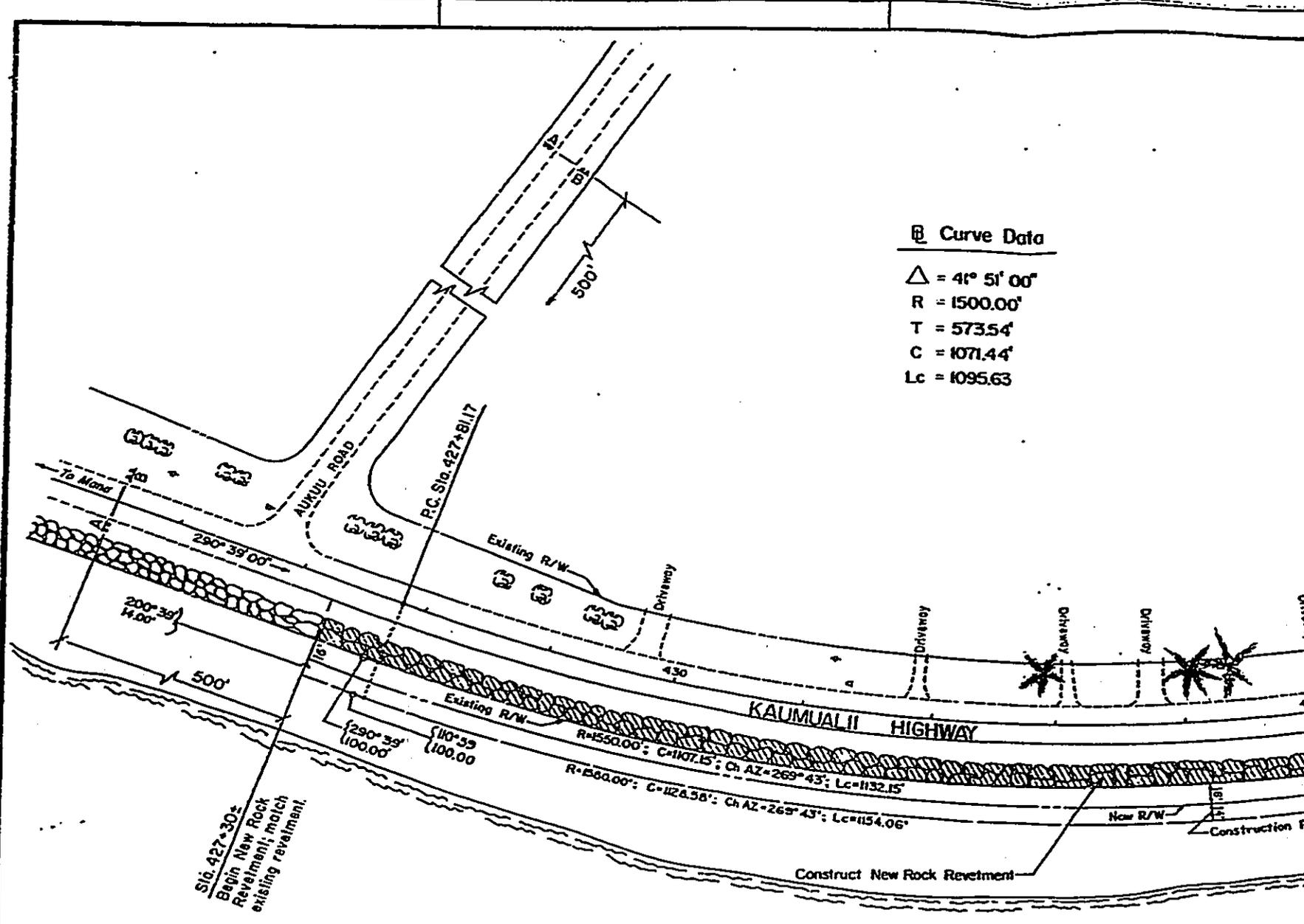


**LAYOUT PLAN**  
Scale: 1"=10,000'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**KAUMUALII HIGHWAY**  
**ROCK REVETMENT AT KEKAHA**  
**FED. AID PROJECT NO. ER-11(2)**

ISLAND OF KAUAI

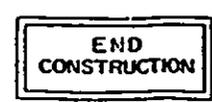


**Curve Data**

$\Delta = 41^\circ 51' 00''$   
 $R = 1500.00'$   
 $T = 573.54'$   
 $C = 1071.44'$   
 $Lc = 1095.63'$

**SIGN LEGEND:**

- A** Install New Sign W/ Posts  
CW 20-1d
- B** Install New Sign W/ Posts  
CG 20-2

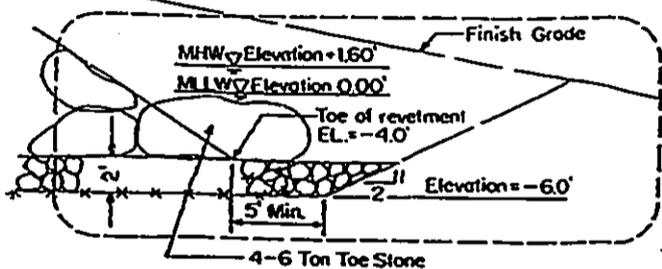


DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
APPROVED BY	
PROJECT NO.	
DATE	



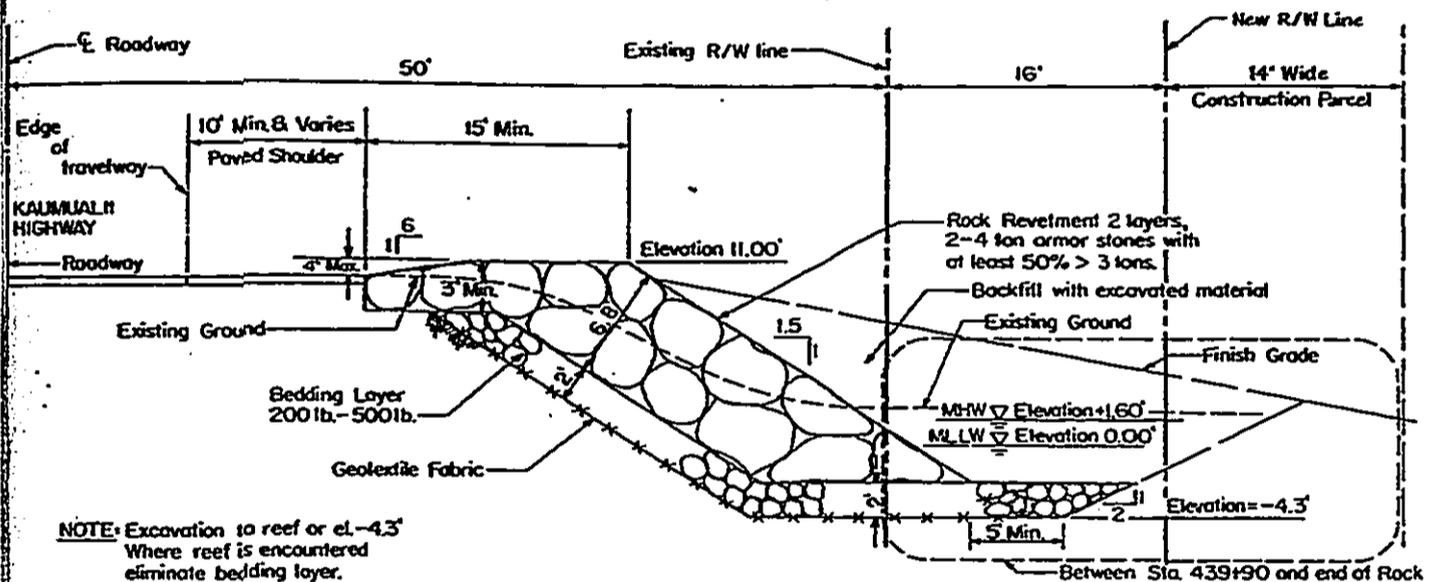


Figure 3



NOTE: Provide smooth and gradual transition of rock revetment between Sta. 439+00 and 439+90.

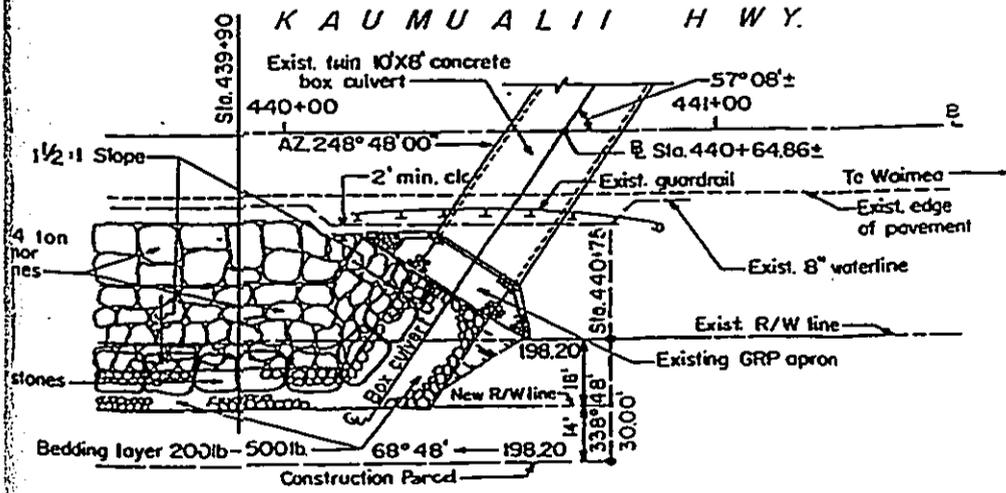
**INSET**  
Scale: 1" = 5'



NOTE: Excavation to reef or el. -4.3' where reef is encountered eliminate bedding layer.

Between Sta. 439+90 and end of Rock Revetment (Sta. 440+65) at Existing Box Culvert Headwall, See inset above.

**TYPICAL ROCK REVETMENT SECTION**  
Scale: 1" = 5'

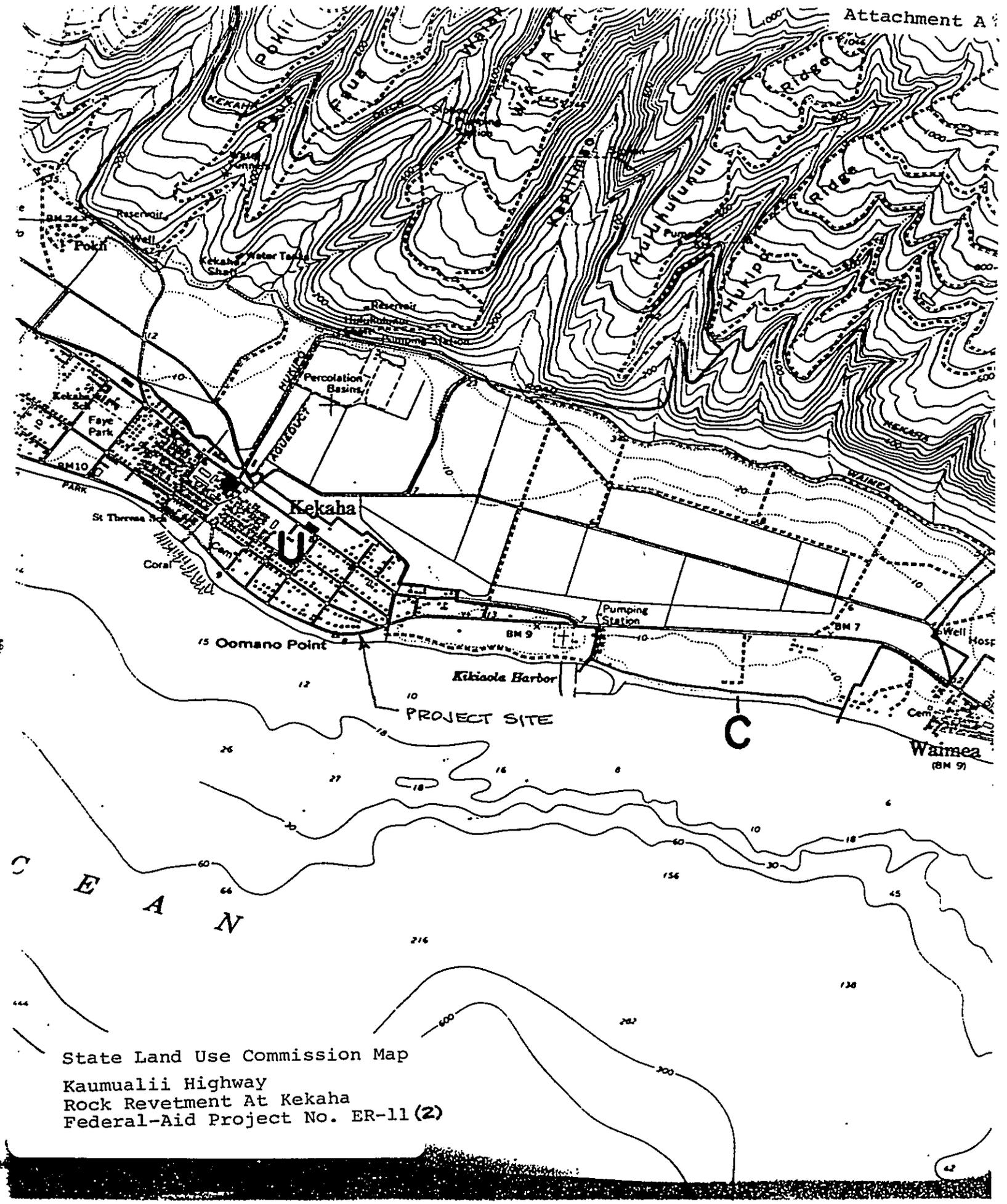


**LAYOUT PLAN**  
Scale: 1" = 20'-0"

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTION,  
GENERAL NOTES AND DETAILS**

KAUMUALII HIGHWAY  
ROCK REVETMENT AT KEKAHA  
F. A. PROJECT NO. ER-11(2)  
SCALE: AS SHOWN DATE: AUG 1993  
SHEET NO. 1 OF 1 SHEETS



State Land Use Commission Map  
Kaunualii Highway  
Rock Revetment At Kekaha  
Federal-Aid Project No. ER-11(2)

Attachment B

BENJAMIN J. CAYETANO  
GOVERNOR OF HAWAII



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MAR 27 8 20 AM '95  
STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF LAND MANAGEMENT

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AQUACULTURE DEVELOPMENT PROGRAM  
AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
CONSERVATION AND ENVIRONMENTAL AFFAIRS  
CONSERVATION AND RESOURCES ENFORCEMENT  
CONVEYANCES  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
LAND MANAGEMENT  
STATE PARKS  
WATER AND LAND DEVELOPMENT  
WATER RESOURCE MANAGEMENT

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LAND MANAGEMENT DIVISION

P.O. BOX 621  
HONOLULU, HAWAII 96809

Ref.: LM-LY

Land Mgmt. Case No. KA-110

MAR 21 1995

Kazu Hayashida  
Department of Transportation  
869 Punchbowl Street  
Honolulu, HI 96813

Dear Mr. Hayashida:

Subject: Shoreline Certification Request  
Applicant: State of Hawaii/DOT  
Property Owner: State of Hawaii/DOT  
Location - Island: Kauai District: Kekaha  
Tax Map Key: 1-3-05:01  
Property Description: Kaumualii Highway Kekaha  
Land Management Case No.: KA-110

This is to inform you that the subject shoreline certification request has been certified but is subject to appeal.

Certified shoreline maps are being withheld until the appeal deadline of April 12, 1995.

Should you have any questions regarding this matter, please feel free to contact our Land Management Division at 587-0439.

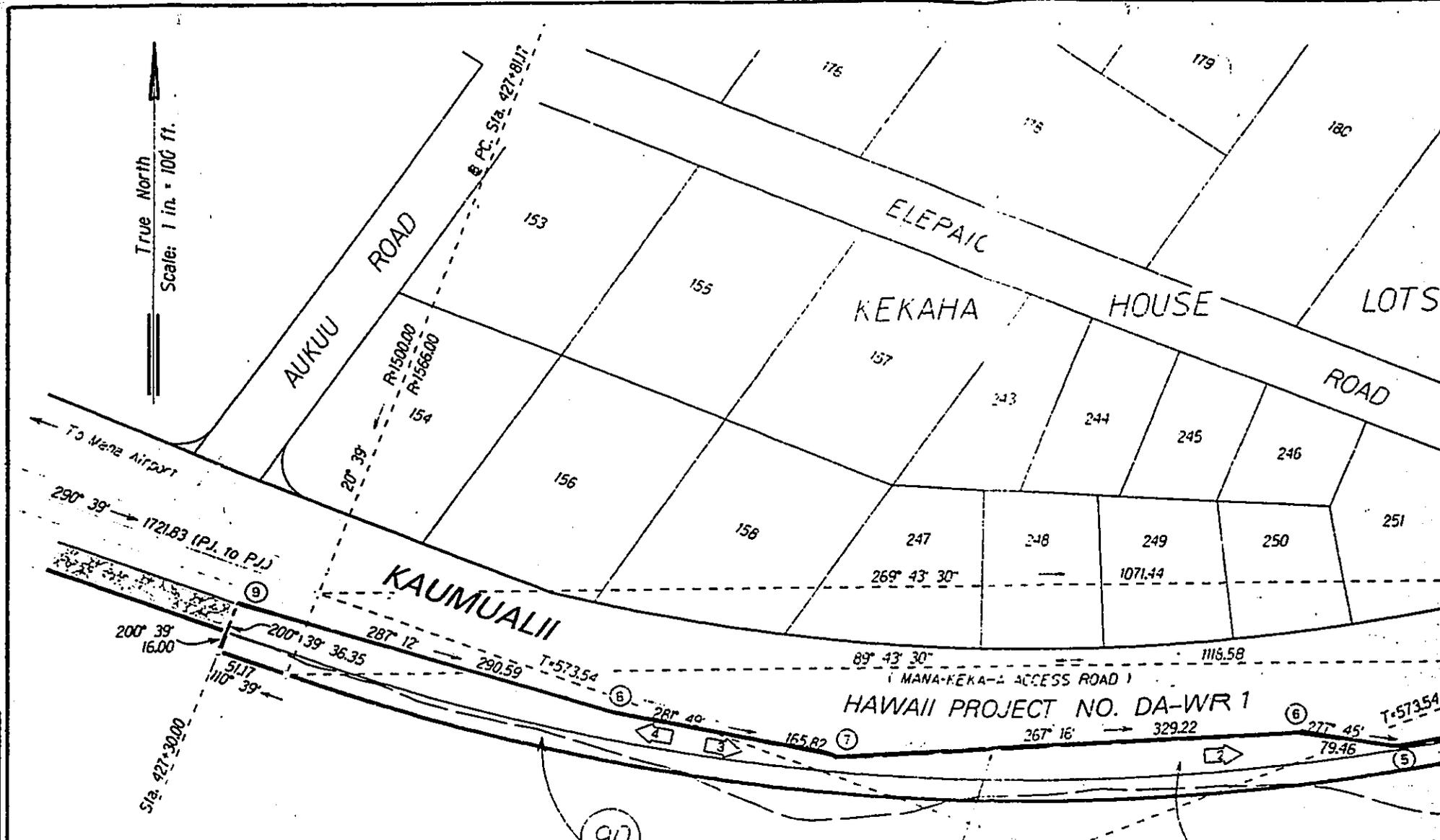
Very truly yours,

*W. Mason Young*  
W. MASON YOUNG  
Land Management Administrator

cc: Kauai Land Board Member  
Kauai District Land Office  
Survey Div., DAGS

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DIVISION OF LAND MANAGEMENT  
DEPT. OF TRANSPORTATION

True North  
Scale: 1 in. = 100 ft.

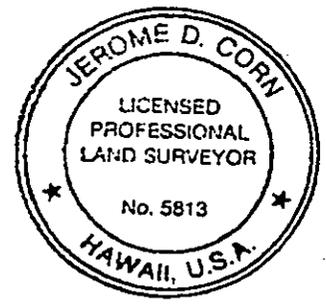


NOTE:  
Origin of Azimuths: "Oomano"  $\Delta$   
Coordinates referred to: "Oomano"  $\Delta$   
② Denotes number and direction of photographs taken.  
③ Denotes point number as shown on photographs.

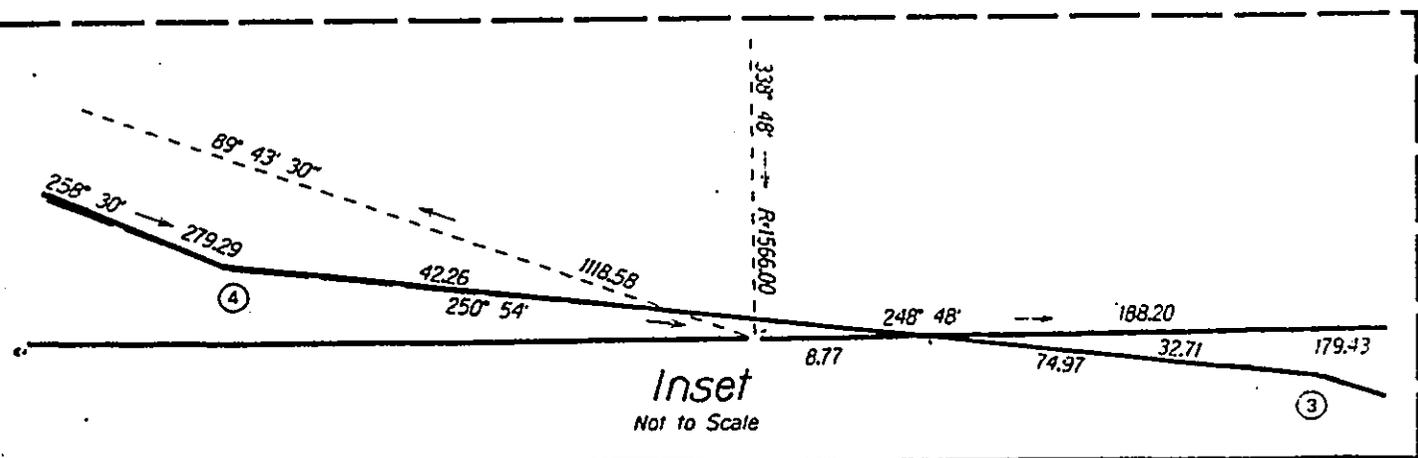
Shoreline follows along vegetation line at seashore as of September 29, 1994

Area of Eroded F  
37,143 Sq. Ft.  
or 0.853 Ac.

OCEAN

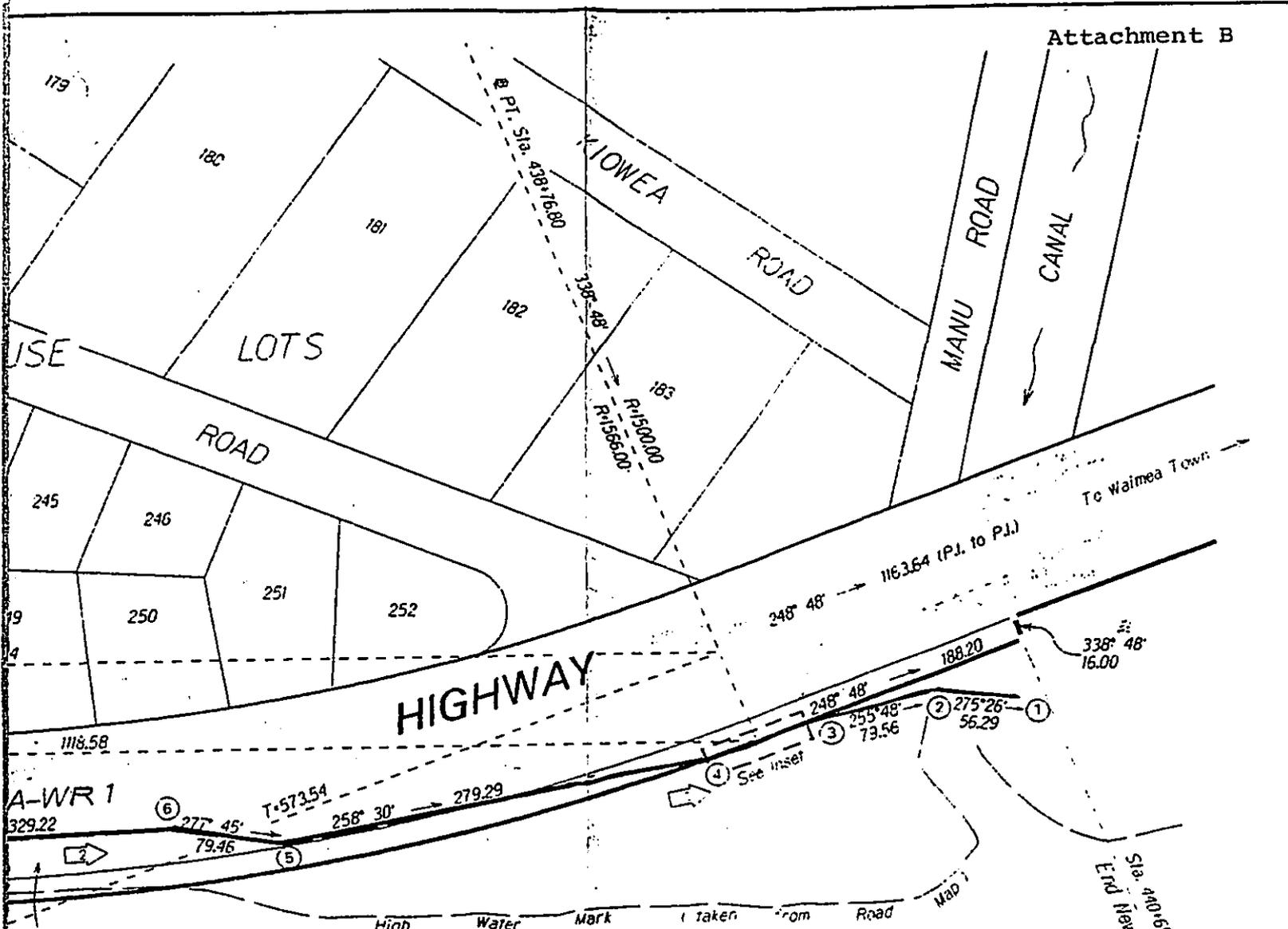


*Jerome D. Corn*  
This work was prepared by me or under my supervision

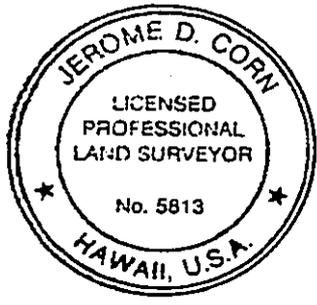


Inset  
Not to Scale

DRAWN BY: G.C., B.K.  
 CHECKED BY: G.C., B.K.  
 CERT. FLDR. 85



Area of Eroded Portion  
37,143 Sq. Ft.  
or 0.853 Ac.



The shoreline as located and certified and delineated in red is hereby confirmed as being the actual shoreline as of **MAR 13 1995**  
*Richard J. [Signature]*  
 Chairman, Board of Land and Natural Resources

**SHORELINE CERTIFICATION MAP FOR KAUMUALII HIGHWAY AT KEKAHA**

FEDERAL AID PROJECT NO. ER-11 (2)  
KEKAHA, WAIMEA, KAUAI, HAWAII

January 24, 1995

Scale: 1 in. = 100 ft

*Jerome D. Corn*  
This work was prepared by me or under my supervision



JOHN WAIHEE  
GOVERNOR OF HAWAII

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DEPT. OF TRANSPORTATION  
HIGHWAYS DIVISION STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION  
33 SOUTH KING STREET, 6TH FLOOR  
HONOLULU, HAWAII 96813

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DESIGN BRANCH  
HIGHWAYS DIVISION  
DEPT. OF TRANSPORTATION

Attachment D  
KEITH AHUE, CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCE

DEPUTIES

JOHN P. KEPPELER II,  
DONA L. HANAKA

AQUACULTURE DEVELOPMENT  
PROGRAM  
AQUATIC RESOURCES  
CONSERVATION AND  
ENVIRONMENTAL AFFAIRS  
CONSERVATION AND  
RESOURCES ENFORCEMENT  
CONVEYANCES  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
DIVISION  
LAND MANAGEMENT  
STATE PARKS  
WATER AND LAND DEVELOPMENT

March 15, 1994

Dee Crowell, Director  
Kauai Planning Department  
4444 Rice Street, Suite 473  
Building "A"  
Lihue, Kauai, Hawaii 96766

LOG NO: 11093  
DOC NO: 9403NM01

Dear Mr. Crowell:

**SUBJECT: Historic Preservation Review -- Preliminary Subdivision  
S-94-40 (State of Hawaii)  
TMK: 1-3-05: 1  
Kekaha, Waimea, Kauai**

Our staff archaeologist conducted a preliminary field inspection of the area on February 23, 1994, to determine the potential of subsurface historic sites. The area appeared to be heavily impacted from the construction and repaving of the highway. Therefore, we can now concur that this project will have "no effect" on significant historic sites.

If significant historic sites (cultural deposits, artifacts or human remains) are found during construction, the contractor must stop in the immediate area and notify our office to work out appropriate mitigation measures.

If you have any questions, please call Nancy McMahon 587-0006.

Sincerely,

DON HIBBARD, Administrator  
State Historic Preservation Division

NM:jen

cc: DOT  
Advisory Council, Western Region

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STATE DEPARTMENT  
OF TRANSPORTATION  
MAR 24 10 50 AM '94  
NANCY  
MCMAHON

Attachment E



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
U. S. ARMY ENGINEER DISTRICT, HONOLULU  
FORT CHASTER, HAWAII 96858-5443



August 26, 1994

RECEIVED  
AUG 23 2 50 PM '94  
DEPT. OF TRANSPORTATION  
HIGHWAYS DIVISION

Planning Division

Mr. T. Harano, Chief  
Highways Division  
Department of Transportation  
State of Hawaii  
869 Punchbowl Street  
Honolulu, Hawaii 96813

RECEIVED  
AUG 29 3 42 PM '94  
DESIGN RANCH  
HIGHWAYS DIVISION  
DEPT. OF TRANSPORTATION

Dear Mr. Harano:

Thank you for the opportunity to review and comment on the Draft Environmental Assessment for the Kaumualii Highway Revetment, Kekaha, Kauai. We do not have any additional comments to offer beyond those offered in our previous letter dated May 24, 1994 which is enclosed for your information.

Sincerely,

Ray H. Jyo, P.E.  
Director of Engineering

Enclosure



REPLY TO  
ATTENTION OF

Operations Division

DEPARTMENT OF THE ARMY  
U. S. ARMY ENGINEER DISTRICT, HONOLULU  
FORT SHAFTER, HAWAII 96858-5440

MAY 24 1994

Attachment E



SUBJECT: Provisional Nationwide Permit for Shoreline Revetment,  
Kekaha, Kauai, Hawaii, File No. NW 94-037

Mr. T. Harano, Chief  
Highways Division  
Hawaii Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813

Dear Mr. Harano:

This responds to your March 28, 1994 application for a Department of the Army (DA) permit for the construction of a protective revetment in Kekaha, Kauai, Hawaii. The revetment would be approximately 0.25 miles long and serve to extend the existing 1.73-mile-long revetment along Kaunualii Highway. Approximately 12,000 cubic yards of armor stone and bedding material would be required for the revetment, of which about 4,650 cubic yards would be placed below the mean high water line. The contract specifications require that the contractor acquire and use only clean, dense and durable stones for the project.

I coordinated this application with the interested resource agencies and received no responses objecting to the project. Therefore, I have determined that the proposed work can be authorized by the Corps Nationwide permit (NWP) authority in accordance with Federal Regulations at 33 CFR 330, Appendix A, Part B, paragraph 13, and no further Department of the Army processing is necessary. However, as you know, you must first acquire the prerequisite Section 401 Water Quality Certification and Coastal Zone Consistency concurrence, or their waivers, from the State of Hawaii before the Corps authorization can be considered valid.

Until the above state approvals, or waivers, are granted, I am issuing to you a "Provisional Nationwide Permit" for the proposed work. I am also providing you with excerpts from the regulations which list the conditions of the NWP for your information.

In addition to the permit conditions, you are advised that:

ENCLOSURE

- a. Nationwide permits do not obviate the need to obtain other Federal, state or local authorizations required by law.
- b. Nationwide permits do not grant any property rights or exclusive privileges.
- c. Nationwide permits do not authorize any injury to the property or rights of others.
- d. Nationwide permits do not authorize interference with any existing or proposed Federal project.

If the State of Hawaii issues both certifications or waivers, this verification will take effect from the date of the second approval and remain valid for two years from the date of that approval, unless the NWP authorization is modified, suspended, or revoked. If during this two-year period, the NWP authorization is reissued without modification or if the activity complies with any subsequent modification of the NWP authorization, this verification will continue to remain valid for the two-year period. However, if during this two-year period, the NWP authorization expires, is suspended or revoked, or is modified such that the activity would no longer comply with the terms and conditions of the NWP, the provisions of section 330.6(b) (enclosed) will apply.

If the state denies either or both of the certifications for this project, then the NWP will be denied without prejudice.

If you have any questions, please contact Warren Kanai (438-9258, ext. 12) and refer to File No. NW 94-037.

Sincerely,

Michael T. Lee  
Chief, Operations Division

Attachments

**Copies Furnished (w/out atch):**

Office of State Planning, CZM Program Office, Honolulu, HI  
Department of Health, Clean Water Branch, Honolulu, HI  
US Env Protection Agency, San Francisco, CA  
US Fish and Wildlife Service, Honolulu, HI  
National Marine Fisheries Service, Honolulu, HI  
State Dept of Land and Natural Resources

Attachment E

*Hwy 1494*



**DEPARTMENT OF BUSINESS,  
ECONOMIC DEVELOPMENT & TOURISM**

JOHN WAHEE  
Governor  
JEANNE K. SCHULTZ  
Director  
RICK EGGED  
Deputy Director  
TAKESHI YOSHIMURA  
Deputy Director

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii  
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2377

August 17, 1994

Mr. T. Harano  
Chief  
Highways Division  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813-5097

RECEIVED  
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DEPT. OF TRANSPORTATION  
HIGHWAYS DIVISION

Dear Mr. Harano:

The Department of Business, Economic Development & Tourism is pleased to submit the enclosed comments on the Draft Environmental Assessment for the Kaunualii Highway Rock Retement at Kaheka, Federal-Aid Project No. ER-11 (2).

The comments were provided by the Land Use Commission. Questions regarding these comments may be directed to Esther Ueda, LUC Executive Officer, at 587-3826.

Thank you for the opportunity to comment.

Sincerely,

*J. K. Schultz*  
Jeanne K. Schultz

Enclosure

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DEPT. OF TRANSPORTATION  
HIGHWAYS DIVISION

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM  
LAND USE COMMISSION  
Room 104, Old Federal Building  
335 Merchant Street  
Honolulu, Hawaii 96813  
Telephone: 587-3822

Attachment E  
ESTHER UEDA  
EXECUTIVE OFFICER

August 16, 1994

SUBJECT: Director's Referral No. 94-267-B  
Draft Environmental Assessment (DEA) for the  
Kaumualii Highway Rock Revetment at Kekaha,  
Federal-Aid Project No. ER-11(2)

We have reviewed the subject DEA for the Kaumualii Highway  
Rock Revetment project, and have the following comments:

- 1) The project site, as shown on the layout plan, appears to be located within the State Land Use Urban District. Please be advised that due to the location of the project site along the shoreline, an accurate determination of the location of the Urban/Conservation District boundary is subject to a valid shoreline survey certified by the Chairperson of the Board of Land and Natural Resources.
- 2) We suggest that the final EA include a map showing the project's boundaries in relation to the State Land Use Districts. We have attached a copy of the Commission's official map (portion of quadrant K-2, Kekaha) with the project site highlighted in yellow for your information.

We have no other comments to offer at this time.

att.

EU:BS:th

JOHN WAIHEE  
GOVERNOR OF HAWAII

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SEP 13 2 03 PM '94  
DEPT. OF TRANSPORTATION  
HIGHWAYS DIVISION



STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P.O. BOX 3378  
HONOLULU, HAWAII 96801-3378

Attachment E

Hwy 7573

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HIGHWAYS DIVISION  
DEPT. OF TRANSPORTATION

FRANK A. SYDISAKY, M.D.  
DIRECTOR OF HEALTH

In reply, please refer to:  
File: EMD / CWB

September 6, 1994

P09115AL

Mr. Tetsuo Harano, Chief  
Highways Division  
State of Hawaii  
Department of Transportation  
869 Punchbowl Street  
Honolulu, HI 96813-5097

Dear Mr. Harano:

Subject: Review of Draft Environmental Assessment  
Kaunualii Highway Rock Retention at Kekaha  
Kekaha, Kauai, Hawaii  
Federal Aid Project No. ER-11(2)  
TMK: 1-3-05: 1

The Department of Health has reviewed the documents and your letter dated August 9, 1994. It has been determined that you are not required to obtain an NPDES permit for storm water runoff discharges associated with construction activities. Pursuant to Chapter 11-55-34.02, Hawaii Administrative Rules, Department of Health, "operations that result in the disturbance of less than five acres of total land area which are not part of a larger common plan of development..." do not require an NPDES permit.

However, we have the following comments:

1. If the project involves the following activities with discharges into State waters, an NPDES permit is required for each activity:
  - a. Construction dewatering effluent;
  - b. Non-contact cooling water;
  - c. Hydrotesting water; and
  - d. Treated effluent from underground storage tank remediation activity.

Attachment E

Mr. Tetsuo Harano, Chief  
September 6, 1994  
Page 2

Any person wishing to be covered by the NPDES General Permit for any of the above activities should file a Notice of Intent with the Department's Clean Water Branch at least 90 days prior to commencement of any discharge to waters of the state.

2. The applicant should contact the Army Corps of Engineers to identify whether a Federal permit (including a Department of Army permit) is required for this project. A Section 401 Water Quality Certification is required for "Any applicant for a Federal license or permit to conduct any activity including, but not limited to the construction or operation of facilities, which may result in any discharge into the navigable waters..." pursuant to Section 401(a)(1) of the Federal Water Pollution Act commonly known as the Clean Water Act.
3. We recommend that a Best Management Practice Plan shall be implemented during the construction.

Any questions regarding this matter should be directed to Mr. Arnold Lam, Engineering Section of the Clean Water Branch, at 586-4309.

Sincerely,

  
THOMAS E. ARIZUMI, P.E., CHIEF  
Environmental Management Division

AWL/sa

c: DHS, Kauai

JOHN WAIHEE  
GOVERNOR OF HAWAII

Attachment E

Hwy 1586



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
P. O. BOX 621  
HONOLULU, HAWAII 96809

REF:OCEA:DKP

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DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

KEITH W. AMUE, CHAIRPERSON  
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FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
LAND MANAGEMENT  
STATE PARKS  
WATER AND LAND DEVELOPMENT

FILE NO.: 95-094  
DOC. ID.: 4914

SEP 16 1994

Mr. T. Harano, Chief  
Highways Division  
Department of Transportation  
State of Hawaii  
869 Punchbowl Street  
Honolulu, Hawaii 96813-5097

Dear Mr. Harano

SUBJECT: Draft Environmental Assessment (DEA): Kaunualii Highway Rock  
Revetment at Kekaha - Federal Aid Project No. ER-11(2), Kekaha,  
Kauai

We have reviewed the DEA information for the subject project transmitted  
by your memorandum dated August 9, 1994, and have the following comments:

Division of Aquatic Resources

The Division of Aquatic Resources (DAR) comments that their previous  
comments on this project to the U.S. Army Corps of Engineers remain  
applicable (see attachment).

Office of Conservation and Environmental Affairs

The Office of Conservation and Environmental Affairs (OCEA) comments that  
the DEA does not appear to meet the content requirements pursuant to the  
Environmental Impact Statement Rules, Title 11, Chapter 200, Hawaii  
Administrative Rules. The document does not adequately describe/disclose  
elements of the proposed project (ie. size and type of stones to be  
utilized, amount of excavation required, construction duration, mitigation  
measures to be employed, land ownership, State land use designation,  
zoning, SMA requirements, agencies consulted, etc.).

OCEA strongly suggests that the Office of Environmental Quality Control be  
contacted for assistance on revisions to this draft document prior to  
finalization.

We will forward any Historic Preservation Division comments as soon as  
they become available.

Attachment E

Mr. T. Harano

- 2 -

File No.: 95-094

We have no other comments to offer at this time. Thank you for the opportunity to comment on this matter.

Please feel free to call Steve Tagawa at our Office of Conservation and Environmental Affairs, at 587-0377, should you have any questions.

Very truly yours,



KEITH W. AHUE

Attachment

cc: OEDC

DEC 10 94 10:13 NO.007 P.02



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HWYS DIVISION  
KAUAI

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HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF FORESTRY AND WILDLIFE  
KAUAI DISTRICT  
3060 EIWA STREET, ROOM 205  
LIHUE, KAUAI, HAWAII 96766  
December 12, 1994

IN REPLY REFER TO

Mr. Steven M. Kyono, P.E.  
District Engineer  
Department of Transportation  
3060 Eiwa Street, Room 205  
Lihue, HI. 96766

*Steve*  
Dear Mr. Kyono:

**SUBJECT: Kaunatalii Highway Rock Revetment at Kekaha  
Federal Aid Project No. ER-11(2)**

This responds to your 9 December 1994 request for comments on the subject project, concerning significant impacts to wildlife.

Upon review of the revetment plan, I see no significant impact of the project to common wildlife species or threatened and endangered species. Although it is not my specific area of expertise, green sea turtles may on very rare occasions haul ashore on the beach area makai of the highway right-of-way to rest, but the revetment would not impact them.

Please contact me at 241-3433 if you need any additional information.

Sincerely,

*Thomas C. Telfer*

Thomas C. Telfer  
District Wildlife Biologist

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

220 SOUTH KING STREET  
FOURTH FLOOR  
HONOLULU, HAWAII 96813  
TELEPHONE (808) 586-4185  
FACSIMILE (808) 586-2452

August 12, 1994

Attachment E

BRUCE S. ANDERSON, Ph.D.  
INTERIM DIRECTOR

Honorable Rex D. Johnson, Director  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813

Attention: Mr. Allan Nishimura

Dear Mr. Johnson:

Subject: Draft Environmental Assessment (EA) for Kaunualii Highway  
Rock Revetment at Kekaha, Federal-Aid Project No. ER-  
11(2), TMK: 4-1-3-04 & 4-1-3-05 (HD-DD 2.2313)

The State Historic Preservation Division of DLNR noted in their 2/7/94 letter to the Kauai Planning Department that burial and habitation sites exist near the subject parcel, and that they planned to conduct a preliminary field inspection of the area. In your Final Environmental Assessment, please include a copy of the field inspection report or a copy of your mitigation plan in the event archaeological remains are uncovered.

If you have any questions, please call Ms. Nancy Heinrich at 586-4185.

Sincerely,

*Bruce S. Anderson*  
for BRUCE S. ANDERSON, Ph.D.  
Interim Director

BSA/NH:kk

JOANN A. YUKIMURA  
MAYOR



COUNTY OF KAUAI  
PLANNING DEPARTMENT  
4280 RICE STREET  
LIHUE, KAUAI, HAWAII 96766

Attachment E

JEFFREY LACY  
PLANNING DIRECTOR

DEE M. CROWELL  
DEPUTY PLANNING DIRECTOR

TELEPHONE (808) 245-3919

June 14, 1993

Mr. Steven Kyono, District Engineer  
State of Hawaii  
Department of Transportation  
Highways Division  
3160 Eiwa Street  
Lihue, Hawaii 96766

RE: Repair and Reconstruction of Kaumualii Highway  
Job Nos. ER-11(1) and ER-11(2)  
Kekaha, Kauai

In response to our discussion on the proposed repair and construction of a rock revetment along Kaumualii Highway from Kala Rd. to Manu Rd., be advised that this work was originally approved under Special Management Area Emergency Permit SMA(E)-86-1, which was issued to the Department of Transportation (DOT) in 1985. It is our understanding that as a result of damage from Hurricane Iniki, the DOT desires to repair and construct the rock revetment in the same location as proposed under SMA(E)-86-1, in order to protect the highway as required by the federal government.

Based on the foregoing, we have determined that the proposed work and activities have been approved under SMA Emergency Permit SMA(E)-86-1.

Thank you for consulting us on this matter.

JEFFREY LACY  
Planning Director

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**DEPARTMENT OF WATER**  
COUNTY OF KAUAI  
P.O. BOX 1765  
LIHUE, HAWAII 96766-5706  
PHONE NO: (808) 245-6986 FAX NO. 245-5813

Attachment E

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DESIGN BRANCH  
HIGHWAYS DIVISION  
DEPT OF TRANSPORTATION

August 18, 1994

Mr. T. Harano, Chief  
DOT - Highways Division  
869 Punchbowl Street  
Honolulu, HI 96813-5097

Re: Kaumualii Highway Rock Revetment at Kekaha Federal-Aid  
Project No. ER-11(2)

Thank you for providing us the opportunity to review the  
draft environmental assessment for the subject project. The  
Department of Water does not have any comments to offer.

If you have any questions, please call Mel Matsumura at 245-  
6986.

  
Muri T. Nielsen  
Manager and Chief Engineer

MM:rm