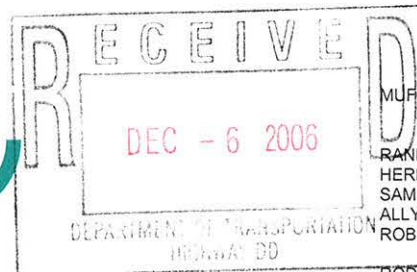


C.
Draft EA
Consultation

BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HI 96843



December 1, 2006

MUJI HANNEMANN, Mayor

RANDALL Y. S. CHUNG, Chairman
HERBERT S. K. KAOPUA, SR.
SAMUEL T. HATA
ALLY J. PARK
ROBERT K. CUNDIFF

RODNEY K. HARAGA, Ex-Officio
LAVERNE T. HIGA, Ex-Officio

CLIFFORD P. LUM
Manager and Chief Engineer

Mr. Duane Taniguchi
State of Hawaii
Department of Transportation
Highways Division
601 Kamokila Boulevard, Room 609
Kapolei, Hawaii 96707

Dear Mr. Taniguchi:

Subject: Your Letter Regarding the Draft Environmental Assessment for the
Kaipapa'u Stream Bridge Replacement

Thank you for the opportunity to comment on the proposed project.

The Board of Water Supply has two water mains in the vicinity of the Kaipapa'u Bridge (12-inch and 16-inch). Construction drawings for the bridge replacement should be submitted for our review and approval.

If you have any questions, please contact Robert Chun at 748-5440.

Very truly yours,

KEITH S. SHIDA
Principal Executive
Customer Care Division

cc: Mr. Chester Koga, R.M. Towill Corporation
Office of Environmental Quality Control

LINDA LINGLE
GOVERNOR



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

BARRY FUKUNAGA
INTERIM DIRECTOR

Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3435

FEB 6 2007

Mr. Keith S. Shida
Principal Executive
Board of Water Supply
630 South Beretania Street
Honolulu, Hawaii 96813

Dear Mr. Shida:

Subject: Draft Environmental Assessment Comments for
Proposed Kamehameha Highway, Kaipapau Stream Bridge Replacement
Federal-Aid Project No. BR-083-1(48)

Thank you for your comment letter of December 1, 2006, on the subject project. The State of Hawaii Department of Transportation (HDOT) offers the following response to your comment on the Draft Environmental (EA):

1. You are concerned about the two Board of Water Supply water mains along Kamehameha Highway in the vicinity of subject bridge. As stated in Section 6.2 of the Draft EA, HDOT will coordinate with BWS to minimize service disruptions. We will add clarifying language in the EA to note that construction drawings will be submitted to BWS for approval.

Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3435 as noted above.

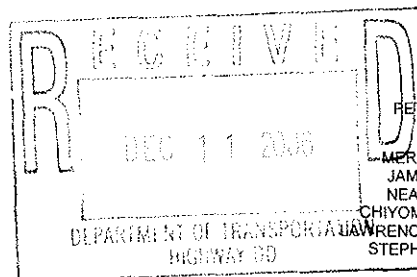
Very truly yours,

A handwritten signature in black ink, appearing to be "BT", with a long horizontal flourish extending to the right.

BRENNON T. MORIOKA, Ph.D., P.E.
Deputy Director-Highways

c: Federal Highway Administration (Eric Worrell)
R. M. Towill (Walter Chong)

LINDA LINGLE
GOVERNOR OF HAWAII



PETER T. YOUNG
CHAIRPERSON

MEREDITH J. CHING
JAMES A. FRAZIER
NEAL S. FUJIWARA
CHIYOME L. FUKINO, M.D.
LAWRENCE H. MIKE, M.D., J.D.
STEPHANIE A. WHALEN

DEAN A. NAKANO
ACTING DEPUTY DIRECTOR

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

P.O. BOX 621
HONOLULU, HAWAII 96809

December 7, 2006

REF:

Mr. Duane Taniguchi
Department of Transportation
Highways Division
601 Kamokila Boulevard, Room 609
Kapolei, Hawaii 96707

Dear Mr. Taniguchi:

SUBJECT: Draft Environmental Assessment for the Kaipapau Stream Bridge Replacement, Federal Aid
Project No. BR-083-1(48)

FILE NO.: N/A

Thank you for the opportunity to review the subject document. The Commission on Water Resource Management (CWRM) is the agency responsible for administering the State Water Code (Code). Under the Code, all waters of the State are held in trust for the benefit of the citizens of the State, therefore, all water use is subject to legally protected water rights. CWRM strongly promotes the efficient use of Hawaii's water resources through conservation measures and appropriate resource management. For more information, please refer to the State Water Code, Chapter 174C, Hawaii Revised Statutes, and Hawaii Administrative Rules, Chapters 13-167 to 13-171. These documents are available via the Internet at <http://www.hawaii.gov/dlnr/cwrm>.

Our comments related to water resources are checked off below.

- ☐ 1. We recommend coordination with the county to incorporate this project into the county's Water Use and Development Plan. Please contact the respective Planning Department and/or Department of Water Supply for further information.
- ☐ 2. We recommend coordination with the Engineering Division of the State Department of Land and Natural Resources to incorporate this project into the State Water Projects Plan.
- ☒ 3. There may be the potential for ground or surface water degradation/contamination and recommend that approvals for this project be conditioned upon a review by the State Department of Health and the developer's acceptance of any resulting requirements related to water quality.

Permits required by CWRM: Additional information and forms are available at www.hawaii.gov/dlnr/cwrm/forms.htm.

- ☐ 4. The proposed water supply source for the project is located in a designated ground-water management area, and a Water Use Permit is required prior to use of ground water.
- ☐ 5. A Well Construction Permit(s) is (are) required before the commencement of any well construction work.
- ☐ 6. A Pump Installation Permit(s) is (are) required before ground water is developed as a source of supply for the project.

DRF-GN 03/02/2006

December 7, 2006

- ☐ 7. There is (are) well(s) located on or adjacent to this project. If wells are not planned to be used and will be affected by any new construction, they must be properly abandoned and sealed. A permit for well abandonment must be obtained.
- ☐ 8. Ground-water withdrawals from this project may affect streamflows, which may require an instream flow standard amendment.
- ☒ 9. A Stream Channel Alteration Permit(s) is (are) required before any alteration can be made to the bed and/or banks of a stream channel.
- ☐ 10. A Stream Diversion Works Permit(s) is (are) required before any stream diversion works is constructed or altered.
- ☐ 11. A Petition to Amend the Interim Instream Flow Standard is required for any new or expanded diversion(s) of surface water.
- ☐ 12. The planned source of water for this project has not been identified in this report. Therefore, we cannot determine what permits or petitions are required from our office, or whether there are potential impacts to water resources.
- ☐ 13. We recommend that the report identify feasible alternative non-potable water resources, including reclaimed wastewater.

☒ OTHER:

Chapter 7, Section 7.5.7 (p. 84)

The acronym for the Commission on Water Resource Management should be "CWRM", instead of "CRM". The title of Hawaii Administrative Rules Title 13, Subtitle 7, Chapter 169, should read, "Protection of Instream [Instead] Uses of Water."

Chapter 9, Section 9.2 (p. 93)

Please include the Commission on Water Resource Management under the list of State Agencies consulted or to be consulted during preparation of the Draft EA.

If there are any questions, please contact Ed Sakoda at 587-0234.

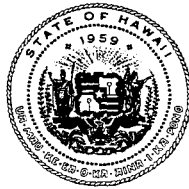
Sincerely,



DEAN A. NAKANO
Acting Deputy Director

cc: Office of Environmental QualityControl
Mr. Chester Koga, R.M. Towill Corporation

LINDA LINGLE
GOVERNOR



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

BARRY FUKUNAGA
INTERIM DIRECTOR


Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3442

FEB 6 2007

TO: DEAN A. NAKANO, ACTING DEPUTY DIRECTOR
COMMISSION ON WATER RESOURCE MANAGEMENT
DEPARTMENT OF LAND AND NATURAL RESOURCES

FROM: BRENNON T. MORIOKA, Ph.D., P.E.
DEPUTY DIRECTOR-HIGHWAYS 

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT COMMENTS FOR
PROPOSED KAMEHAMEHA HIGHWAY, KAIPAPAU STREAM BRIDGE
REPLACEMENT, FEDERAL-AID PROJECT NO. BR-083-1(48)

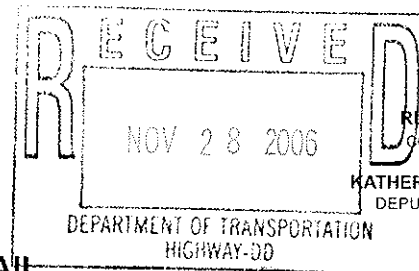
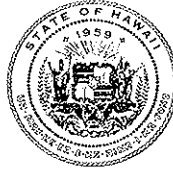
Thank you for your comment letter of December 7, 2006, on the subject project. The State of Hawaii Department of Transportation (HDOT) offers the following response to your comments on the Draft Environmental Assessment (EA):

1. There may be a potential for ground or surface water degradation and that the subject project be reviewed by the Department of Health (DOH). The DOH has been consulted on the subject project and the construction contractor will be advised of his responsibility to maintain water quality.
2. A Stream Channel Alteration Permit is required. We are aware of this requirement and will be submitting our application shortly.
3. Acronym for the Commission on Water Resource Management. We will correct the citations in the Final EA.

Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3442 as noted above.

c: Federal Highway Administration (Eric Worrell)
R. M. Towill(Walter Chong)

LINDA LINGLE
GOVERNOR



STATE OF HAWAII

DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

NOV 22 2006

MEMORANDUM

TO: Mr. Glenn M. Yasui, Administrator
Division of Highways
Department of Transportation

ATTENTION: Mr. Duane Taniguchi

FROM: Ernest Y. W. Lau *EYWL*
Public Works Administrator

SUBJECT: Kaipapau Stream Bridge Replacement, Hauula, Oahu
Federal Aid Project No. BR-083-1(48)

Thank you for the opportunity to provide comments to the subject project's Draft Environmental Assessment. This project does not directly impact any of the Department of Accounting and General Services' projects or existing facilities, and we have no comments to offer at this time.

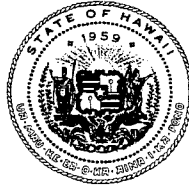
If you have any questions, please have your staff call Mr. Bruce Bennett of the Planning Branch at 586-0491.

BB:vca

c: Ms. Genevieve Salmonson, DOH-OEQC
Mr. Chester Koga, R.M. Towill Corporation

NOV 27 10:42 AM
NOV 24 9:54
DEPT. OF TRANSPORTATION
HIGHWAY DIVISION
(P1288.6)

LINDA LINGLE
GOVERNOR



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

BARRY FUKUNAGA
INTERIM DIRECTOR

Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3440

FEB 6 2007

TO: ERNEST Y. W. LAU, ADMINISTRATOR
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

FROM: BRENNON T. MORIOKA, Ph.D., P.E.
DEPUTY DIRECTOR-HIGHWAYS

A handwritten signature in black ink, appearing to be "BT", is written over the printed name of Brennan T. Morioka.

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT COMMENTS FOR
PROPOSED KAMEHAMEHA HIGHWAY, KAIPAPAU STREAM BRIDGE
REPLACEMENT, FEDERAL-AID PROJECT NO. BR-083-1(48)

Thank you for your comment letter of November 22, 2006, on the subject project, noting that the project does not directly impact project(s) or facilities of your Department.

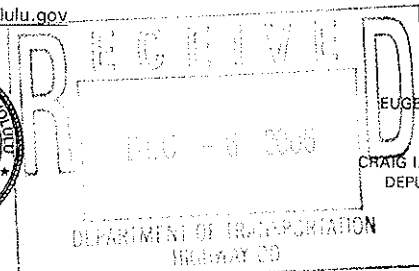
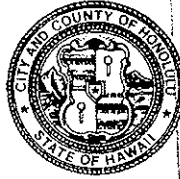
Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3440 as noted above.

c: Federal Highway Administration (Eric Worrell)
R. M. Towill(Walter Chong)

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 11TH FLOOR
HONOLULU, HAWAII 96813
Phone: (808) 523-4564 • Fax: (808) 523-4567
Web site: www.honolulu.gov

MUFI HANNEMANN
MAYOR



EUGENE C. LEE, P.E.
DIRECTOR
CHAIK I. NISHIMURA, P.E.
DEPUTY DIRECTOR

December 4, 2006

Mr. Duane Taniguchi
Department of Transportation,
Highways Division
601 Kamokila Boulevard, Room 609
Kapolei, Hawaii 96707

Dear Mr. Taniguchi:

Subject: Draft Environmental Assessment
Kaipapau Stream Bridge Replacement
Federal Aid Project No. BR-083-1(48)
Oahu, Koolauloa
TMK: Roadway right-of-way adjacent to Plats (1) 5-4-011 and 018

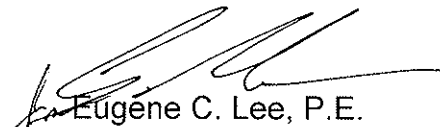
Thank you for giving us the opportunity to comment on the above Draft Environmental Assessment (DEA).

The Department of Design and Construction has the following comment:

- The project shall comply with FEMA's "No Rise" requirement and it should be stated as such in the DEA.

Should you have any questions, please call Marvin Char, chief of our Civil Division, at 527-6381.

Very truly yours,

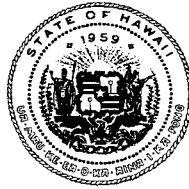


Eugene C. Lee, P.E.
Director

ECL:lt (181656)

c: R. M. Towill Corporation
DDC Civil Division

LINDA LINGLE
GOVERNOR



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

BARRY FUKUNAGA
INTERIM DIRECTOR

Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3436

FEB 6 2007

Mr. Eugene C. Lee, P.E., Director
Department of Design and Construction
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Dear Mr. Lee:

Subject: Draft Environmental Assessment Comments for
Proposed Kamehameha Highway, Kaipapau Stream Bridge Replacement
Federal-Aid Project No. BR-083-1(48)

Thank you for your comment letter of December 4, 2006, on the subject project. The State of Hawaii Department of Transportation (HDOT) offers the following response to your comment on the Draft Environmental Assessment (EA):

1. You noted that the project should comply with the Federal Emergency Management Agency's "no rise" requirement. The Final EA will be clarified to include this requirement.

Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3436 as noted above.

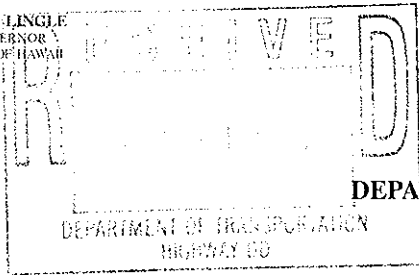
Very truly yours,

A handwritten signature in black ink, appearing to be "BM", followed by a horizontal line.

BRENNON T. MORIOKA, Ph.D., P.E.
Deputy Director-Highways

c: Federal Highway Administration (Eric Worrell)
R. M. Towill (Walter Chong)

LINDA LINGLE
GOVERNOR
STATE OF HAWAII



STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

P.O. BOX 1879
HONOLULU, HAWAII 96805

MICAH A. KANE
CHAIRMAN
HAWAIIAN HOMES COMMISSION

BEN HENDERSON
DEPUTY TO THE CHAIRMAN

KAULANA H. PARK
EXECUTIVE ASSISTANT

November 17, 2006

To: Brennon T. Morioka, Deputy Director
Department of Transportation, Highways Division

Attention: Duane Taniguchi

From: Micah A. Kane, Chairman
for Hawaiian Homes Commission *Danau Lagoni*

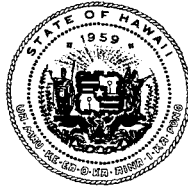
Subject: Draft Environmental Assessment Report the Kaipapa'u Stream Bridge
Replacement Project

Thank you for the opportunity to provide comments on the draft Environmental Assessment report for the Kaipapa'u Stream Bridge Replacement project along Kamehameha Highway near Hau'ula, Oahu. The Department of Hawaiian Home Lands has no comments to offer.

Should you have any questions, please call the Planning Office at 586-3836.

c: OEQC
R.M. Towill Corporation

LINDA LINGLE
GOVERNOR



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

BARRY FUKUNAGA
INTERIM DIRECTOR


Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3438

FFR 6 2007

TO: MICAH A. KANE, CHAIRMAN
DEPARTMENT OF HAWAIIAN HOME LANDS

FROM: BRENNON T. MORIOKA, Ph.D., P.E.
DEPUTY DIRECTOR-HIGHWAYS 

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT COMMENTS FOR
PROPOSED KAMEHAMEHA HIGHWAY, KAIPAPAU STREAM BRIDGE
REPLACEMENT, FEDERAL-AID PROJECT NO. BR-083-1(48)

Thank you for your comment letter of December 1, 2006, on the subject project, noting that your Department has no comments to offer on the subject project.

Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3438 as noted above.

c: Federal Highway Administration (Eric Worrell)
R. M. Towill (Walter Chong)

LINDA LINGLE
GOVERNOR OF HAWAII



CHIYOME L. FUKINO, M.D.
DIRECTOR OF HEALTH

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

In reply, please refer to:
EPO-06-192

December 7, 2006

Mr. Duane Taniguchi
State of Hawaii
Department of Transportation
Highways Division
601 Kamokila Boulevard, Room 609
Kapolei, Hawaii 96707

Dear Mr. Taniguchi:

SUBJECT: Draft Environmental Assessment for Kaipapau Stream Bridge Replacement for
State Route 83, Kamehameha Highway, Koolauloa, Oahu, Hawaii
Adjacent to Plats (1) 5-4-011 and (1) 5-4-018

Thank you for allowing us to review and comment on the subject document. The document was routed to the various branches of the Environmental Health Administration. We have no comments at this time. We strongly recommend that you review all of the Standard Comments on our website: www.state.hi.us/health/environmental/env-planning/landuse/landuse.html. Any comments specifically applicable to this project should be adhered to.

If there are any questions about these comments please contact Jiakai Liu with the Environmental Planning Office at 586-4346.

Sincerely,

A handwritten signature in black ink, appearing to read "Kelvin H. Sunada".

KELVIN H. SUNADA, MANAGER
Environmental Planning Office

c: EPO
Mr. Chester Koga, R.M. Towill Corporation

LINDA LINGLE
GOVERNOR



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

FEB 6 2007

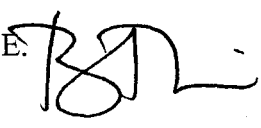
BARRY FUKUNAGA
INTERIM DIRECTOR

Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3443

TO: KELVIN H. SUNADA, MANAGER
ENVIRONMENTAL PLANNING OFFICE
DEPARTMENT OF HEALTH

FROM: BRENNON T. MORIOKA, Ph.D., P.E.
DEPUTY DIRECTOR-HIGHWAYS 

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT COMMENTS FOR
PROPOSED KAMEHAMEHA HIGHWAY, KAIPAPAU STREAM BRIDGE
REPLACEMENT, FEDERAL-AID PROJECT NO. BR-083-1(48)

Thank you for your comment letter of December 7, 2006, on the subject project, noting that your Department has no comments to offer on the subject project at this time.

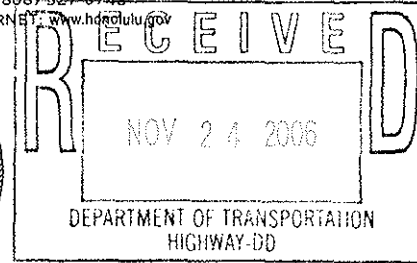
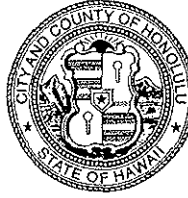
Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3443 as noted above.

c: Federal Highway Administration (Eric Worrell)
R. M. Towill(Walter Chong)

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
TELEPHONE: (808) 523-4432 • FAX: (808) 527-6743
DEPT. INTERNET: www.honolulu.gov • INTERNET: www.honoluludpp.org

MUFI HANNEMANN
MAYOR



HENRY ENG, FAICP
DIRECTOR

DAVID K. TANOUÉ
DEPUTY DIRECTOR

2006/ELOG-2802(pd)

November 22, 2006

Mr. Duane Taniguchi
Department of Transportation - Highways Division
State of Hawaii
601 Kamokila Boulevard, Room 609
Kapolei, Hawaii 96707

Subject: Comments on Draft Environmental Assessment (DEA)
Kaipapau Stream Bridge Replacement
Tax Plats 5-4-11 and 5-4-18

Thank you for the opportunity to review the above Draft Environmental Assessment (DEA). The proposal involves demolition of the existing bridge over Kaipapau Stream, and construction of a replacement bridge that will conform to current seismic/structural requirements.

We note that a Special Management Area Use Permit (SMP) is not required for work within the 50-foot wide highway right-of way. However, according to the DEA, the preferred alternative (i.e., Alternative No. 4) will involve two (2) right-of-way acquisitions as well as work within the Kaipapau Stream, including a new stream wall. Thus, an SMP is required. The following should be addressed:

- What terrestrial animals are found within the project site? Have any federally-listed endangered species been found on-site or nearby (including Koloa, Hawaiian Coot, Hawaiian Gallinule, and Hawaiian Stilt, for example)?
- The DEA discloses that four (4) new drilled shafts will be constructed within the stream channel for the new bridge foundation, to depths of between 30 - 50 feet. Will there be borings into bedrock? If so, give specific information on depth, etc., and any anticipated impact and mitigation measures of these activities on the stream and native species.
- Will fill material be required? If so, how much? Where is it to be placed? What steps will be taken to ensure that it is clean and free of alien plants or parasites to which native species are susceptible?
- The DEA states that dewatering activities are anticipated during installation of the drilled shafts within the stream channel. Will there be a settling tank, sedimentation pond, and hydro-testing containment treatment pond? If so, provide specifications, and indicate

where they will be located. (In addition to a written description, a map showing where these activities will take place should be included.)

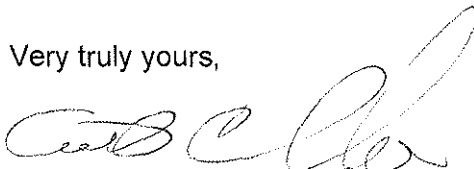
- The DEA states that "the subject property may also serve as staging and stockpiling areas for construction equipment." It also states, "In-stream activity includes (...) staging and maneuvering of heavy equipment." Please explain, and indicate where activities will take place on the site plan. In addition, show the location of the sediment retention berms. (We note that the community generally expresses interest in staging/stockpiling issues, and finds them important.)
- The DEA states that, "Any site designated for re-fueling shall be located away from the stream, enclosed by a containment berm and constructed to contain spills and seepage and prevent storm water runoff from carrying pollutants into state coastal waters." As noted above, please provide information on the location of the proposed activity, and show it on the site plan.
- Will grading occur within the stream? If so, where?
- If excavation is required to accommodate the new abutments, what will happen to the excavated material? Will it be stockpiled on-site, and if so, where? Or, will it be disposed of off-site?
- Will existing bridge abutments be cut off at the mud-line, or entirely removed?
- During demolition and new concrete work, what steps will be taken to contain debris?
- Will oil boom floats be used to extract petroleum and any hydraulic fluid which may be released? Provide specific information.
- Will additional stream bank hardening be required? If so, where?
- Will any stream widening be required? If so, where?
- The DEA notes that there are buried water lines, but does not address their precise location. The 12- and 16-inch lines (existing, temporary and permanent) should be shown on the site plan. In addition, please address all potential impacts and proposed mitigation measures pertaining to this work.
- Will existing overhead electrical, telephone and cable lines remain in place during construction?
- Will temporary street lighting be required? If so, where will it be located? If temporary lighting is utilized, will permanent lighting be returned to its original location?

Mr. Duane Taniguchi
November 22, 2006
Page 3

- Provide a proposed landscape plan for post-construction revegetation, including number, species, and height/gallon size of all plant materials.
- Under the section entitled "Other Permits and Approvals", it should be noted that building permits and a "no rise certification" will be required. Also, if grading is to occur, grading permits may be required.

Should you have any questions, please contact Pamela Davis of our staff at 523-4807.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Henry Eng', is written over a horizontal line.

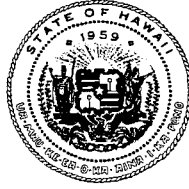
HE Henry Eng, FAICP, Director
Department of Planning and Permitting

HE:cs

cc: Office of Environmental Quality Control
R. M. Towill Corporation

Doc496722

LINDA LINGLE
GOVERNOR



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

BARRY FUKUNAGA
INTERIM DIRECTOR

Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3441

FEB 6 2007

Mr. Henry Eng, Director
City and County of Honolulu
Department of Planning and Permitting
650 South Beretania Street, 7th Floor
Honolulu, Hawaii 96813

Dear Mr. Eng:

Subject: Draft Environmental Assessment Comments for
Proposed Kamehameha Highway, Kaipapau Stream Bridge Replacement
Federal-Aid Project No. BR-083-1(48)

Thank you for your comment letter of November 22, 2006, on the subject project. The State of Hawaii Department of Transportation (HDOT) offers the following response to your comments on the Draft Environmental Assessment (EA):

1. Are there and what types of terrestrial animals are found at the project site? We have not observed any endangered species at or near the project site. As noted in the Draft EA, however, common birds were observed.
2. Will there be boring into bedrock? As stated in the Draft EA, four new shafts will be drilled for new supports for the bridge. The shafts will be placed in the stream and will be dug to a depth of approximately 30 feet or until bedrock is encountered. The proposed drilling will be first attempted from the existing bridge or stream bank to minimize impacts to the stream. Further, the stream will be temporarily diverted to one side of the stream in order that work can be done away from the flowing stream. The construction contractor will be instructed to minimize discharges into the stream.
3. Will fill material be required? "Fill" will be required for the project in two areas: a) bridge abutments will be constructed at both ends of the stream to support the bridge decks and b) the support shafts will be installed in the stream. We will minimize impacts to the stream by creating "dry" conditions as construction of the two elements proceeds. The diversion of the stream to one-side is currently our preferred method of diverting the stream flow. The fill material will be concrete for the abutments and the backfill material will be imported gravel and rock and soil removed from the site.

FEB 6 2007

4. Dewatering activities? Dewatering activities are anticipated when the support shafts are dug. The effluent from the holes (about 18 inches in diameter) will be pumped to a filtering system on the banks. The filtering system will use a combination of filter fabric and sand. The filtered water will be returned to the stream. Two parcels of land have been selected for staging of equipment and material and we will identify these sites in the Final EA. Specific methods and means will be left to the construction contractor.
5. Will grading occur in the stream? No grading is anticipated.
6. Excavation requirements and disposal of soils? Excavation is anticipated during the installation of the bridge abutments. The exact quantity has not been determined at this time. It is anticipated that the excavated soil and rocks, if not re-used as fill, will be disposed by the construction contractor at a landfill approved for such material. If the excavated material will be re-used on site, one of the two sites identified earlier will be the designated stockpile location.
7. Will the existing bridge abutments be cut off at the mud line? If the existing abutment will be removed, then they will be cut off at the mud line.
8. What steps will be used to contain debris? Construction debris will be contained in several ways that include: a) installation of low silt and debris fences to contain construction material within the work area, b) 6-8 foot dust fences, c) trap screens under the bridge to prevent material from entering the stream, and d) general house-keeping to keep the work area free of flying debris, trash and other loose objects.
9. Will oil boom floats be used to extract petroleum and any hydraulic fluid that may be released? The construction contractor will be instructed not to perform any fueling activities on the bridge or in the stream. The contractor will be required to have a contingency plan in the event of a petroleum spill.
10. Will additional stream bank hardening be required? No other stream hardening is proposed other than the wing-walls currently proposed before and after the bridge. A portion of the downstream wall will be extended to protect a home from storm flows.
11. Will any stream widening be required? No widening is currently anticipated.
12. Location of buried waterlines? We will show the location of the waterlines in the Final EA and address potential impact resulting from the replacement of the waterlines at the bridge.

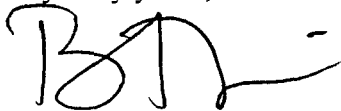
FEB 6 2007

13. Will existing overhead electric, telephone and cable lines remain in-place during construction? Relocation of power, telephone and cable lines are anticipated and will occur at the time of construction.
14. Will temporary street lighting be required? No additional street lighting is currently planned.
15. Provide a proposed landscape plan for post-construction Revegetation? No additional landscaping is currently proposed, other than grassing of the staging areas.
16. Other Permits? We will note that a "no rise certification" is required or a Conditional Letter of Map Revisions will be filed with the Federal Emergency Management Agency.

We acknowledge that a Special Management Area Permit is required for the subject project.

Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3441 as noted above.

Very truly yours,



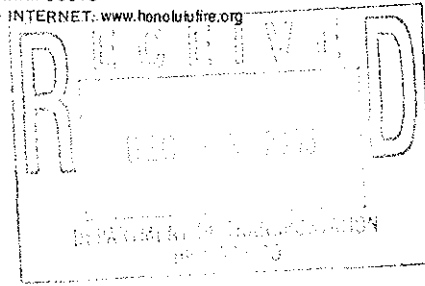
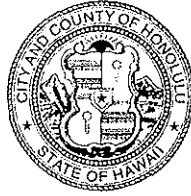
BRENNON T. MORIOKA, Ph.D., P.E.
Deputy Director-Highways

c: Federal Highway Administration (Eric Worrell)
R. M. Towill(Walter Chong)

HONOLULU FIRE DEPARTMENT
CITY AND COUNTY OF HONOLULU

636 SOUTH STREET • HONOLULU, HAWAII 96813
TELEPHONE: (808) 723-7139 • FAX: (808) 723-7111 • INTERNET: www.honolulufire.org

MUF! HANNEMANN
MAYOR



KENNETH G. SILVA
FIRE CHIEF

ALVIN K. TOMITA
DEPUTY FIRE CHIEF

December 4, 2006

Mr. Duane Taniguchi, Project Engineer
Highways Division
Department of Transportation
State of Hawaii
601 Kamokila Boulevard, Room 609
Kapolei, Hawaii 96707

Dear Mr. Taniguchi:

Subject: Draft Environmental Assessment
Kaipapa'u Stream Bridge Replacement
Federal Aid Project Number BR-083-1(48)
Tax Map Key: Roadway Right-of-Way Adjacent to Plats (1) 5-4-011 and 018

In response to a letter from Mr. Chester Koga of R.M. Towill Corporation regarding the above-mentioned subject, the Honolulu Fire Department reviewed the material provided and has no objections to the proposed project.

Should you have any questions, please call Battalion Chief Lloyd Rogers of our Fire Prevention Bureau at 723-7151.

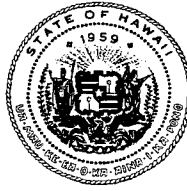
A handwritten signature in cursive script, appearing to read "Kenneth G. Silva".

KENNETH G. SILVA
Fire Chief

KGS/KT:jl

cc: Office of Environmental Quality Control
Mr. Chester Koga, R.M. Towill Corporation

LINDA LINGLE
GOVERNOR



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

BARRY FUKUNAGA
INTERIM DIRECTOR

Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3433

FEB 6 2007

Mr. Kenneth G. Silva
Fire Chief
Honolulu Fire Department
636 South King Street
Honolulu, Hawaii 96813-5007

Dear Chief Silva:

Subject: Draft Environmental Assessment Comments for
Proposed Kamehameha Highway, Kaipapau Stream Bridge Replacement
Federal-Aid Project No. BR-083-1(48)

Thank you for your comment letter of December 4, 2006, on the subject project noting that the Fire Department has no objections to the project.

Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3433 as noted above.

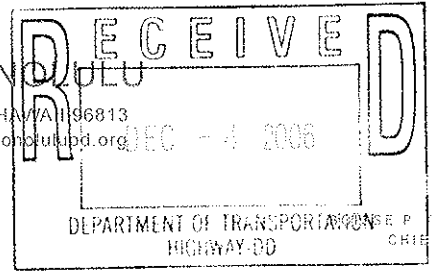
Very truly yours,

A handwritten signature in black ink, appearing to be "BT", with a long horizontal flourish extending to the right.

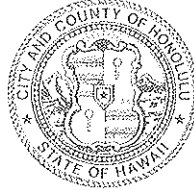
BRENNON T. MORIOKA, Ph.D., P.E.
Deputy Director-Highways

c: Federal Highway Administration (Eric Worrell)
R. M. Towill (Walter Chong)

POLICE DEPARTMENT
CITY AND COUNTY OF HONOLULU
801 SOUTH BERETANIA STREET • HONOLULU, HAWAII 96813
TELEPHONE: (808) 529-3111 • INTERNET: www.honolulu-pd.org



MUEI HANNEMANN
MAYOR



GLEN R. KAJIYAMA
PAUL D. PUTZLU
DEPUTY CHIEFS

OUR REFERENCE BS-DK

November 28, 2006

Mr. Duane Taniguchi
Highways Division
Department of Transportation
601 Kamokila Boulevard, Room 609
Kapolei, Hawaii 96707

Dear Mr. Taniguchi:

This is in response to the R. M. Towill Corporation's letter regarding a Draft Environmental Assessment for the Kaipapa'u Stream Bridge Replacement project in Ko'olauloa.


This project should have no unanticipated impact on the facilities or operations of the Honolulu Police Department.

If there are any questions, please call Major Janna Mizuo of District 4 at 247-2166 or Mr. Brandon Stone of the Executive Office at 529-3644.

Sincerely,

BOISSE P. CORREA
Chief of Police

By


JOHN P. KERR
Assistant Chief of Police
Support Services Bureau

cc: OEQC
Mr. Chester Koga, R. M. Towill
Corporation

LINDA LINGLE
GOVERNOR



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

FEB 6 2007

BARRY FUKUNAGA
INTERIM DIRECTOR

Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3439

Mr. Boisse P. Correa
Police Chief
Honolulu Police Department
801 South Beretania Street
Honolulu, Hawaii 96813

Dear Chief Correa:

Subject: Draft Environmental Assessment Comments for
Proposed Kamehameha Highway, Kaipapau Stream Bridge Replacement
Federal-Aid Project No. BR-083-1(48)

Thank you for your comment letter of November 28, 2006, on the subject project, noting that the project should have no impacts on facilities operations of the Honolulu Police Department.

Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3439 as noted above.

Very truly yours,

A handwritten signature in black ink, appearing to be "BM", with a horizontal line extending to the right.

BRENNON T. MORIOKA, Ph.D., P.E.
Deputy Director-Highways

c: Federal Highway Administration (Eric Worrell)
R. M. Towill(Walter Chong)

September 4, 2006

Mr. Duane Taniguchi
Department of Transportation
Highways Division
601 Kamokila Boulevard, Room 609
Kapolei, HI 96707

Dear Mr. Taniguchi,

Chester Koga of R.M. Towill Corporation has kindly provided us with an advance copy of the Preliminary Draft Environmental Assessment (EA) relating to the Kaipapa'u Stream Bridge Replacement, Project No. BR-083-1(48) and has requested that we direct any comments to you.

We are the owners of TMK: 5-4-11: 20, shown as Lot 54 on the various figures in the EA, and are concerned about the effects that construction may have on our property. We note, specifically, that the project will involve construction of "drainage features." (Project Summary, p. 1). Drainage features apparently include "slope protection (rip-rap or CRM) at the abutment walls" (Section 2.6.2, [preferred] Alternative 4, Phase 1, p. 12) and a "new stream wall" (Figure 2, Alternative 4, Site Plan).

It appears to us that these features to be constructed will force very large amounts of runoff into our property during even moderate rains since our property is the only one in the area which retains its natural terrain and has not been protected by (illegally?) constructed walls along Kaipapa'u Stream. We would therefore like to meet with you or your representative to discuss this situation further. Please advise us when you could schedule such a meeting.

Thank you for your consideration in this matter.

Sincerely,

Bruce & Sandra Nicholl
47-365 Lulani St.,
Kaneohe, HI 96744
239-6171
Nichollb@aol.com

cc: Rodney Haraga, Director
State of Hawaii Department of Transportation

Chester Koga
Planning Project Coordinator
R.M. Towill Corporation

LINDA LINGLE
GOVERNOR



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

BARRY FUKUNAGA
INTERIM DIRECTOR

Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3434

FEB 6 2007

Bruce and Sandra Nichol
47-365 Laulani Street
Kaneohe, Hawaii 96744

Dear Bruce and Sandra Nichol:

Subject: Draft Environmental Assessment Comments for
Proposed Kamehameha Highway, Kaipapau Stream Bridge Replacement
Federal-Aid Project No. BR-083-1(48)

Thank you for your comment letter of September 4, 2006, on the subject project. The State of Hawaii Department of Transportation (HDOT) offers the following response to your comment on the Draft Environmental Assessment (EA):

1. You are concerned that the proposed rip rap to be installed will impact your property. This matter is currently under further study and you will be contacted as we make our final decision.

Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3434 as noted above.

Very truly yours,

A handwritten signature in black ink, appearing to read "BT", with a long horizontal flourish extending to the right.

BRENNON T. MORIOKA, Ph.D., P.E.
Deputy Director-Highways

c: Federal Highway Administration (Eric Worrell)
R. M. Towill (Walter Chong)

LINDA LINGLE
GOVERNOR OF HAWAII



GENEVIEVE SALMONSON
DIRECTOR

STATE OF HAWAII
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

235 SOUTH BERETANIA STREET
SUITE 702
HONOLULU, HAWAII 96813
TELEPHONE (308) 586-4185
FACSIMILE (808) 586-4186
E-mail: oeqc@health.state.hi.us

November 20, 2006

Mr. Rodney K. Haraga, Director
State Department of Transportation
869 Punchbowl Street
Honolulu, Hawai'i 96813

Dear Mr. Haraga:

Subject: Draft EA for the Kaipapau Stream Bridge Replacement

Thank you for the opportunity to review the subject document. We have the following comment.

1. Please print on both sides of the pages in the final document to reduce bulk and save on paper. HRS 342G-44 requires double-sided copying in all state and county agencies, offices and facilities.

Should you have any questions, please call Jeyan Thirugnanam at 586-4185.

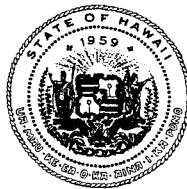
Sincerely,

A handwritten signature in cursive script that reads "Genevieve Salmonson".

Genevieve Salmonson
Director

c: R.M Towill

LINDA LINGLE
GOVERNOR



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

BARRY FUKUNAGA
INTERIM DIRECTOR


Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3437

FEB 6 2007

TO: GENEVIEVE K. Y. SALMONSON, DIRECTOR
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

FROM: BRENNON T. MORIOKA, Ph.D., P.E.
DEPUTY DIRECTOR-HIGHWAYS 

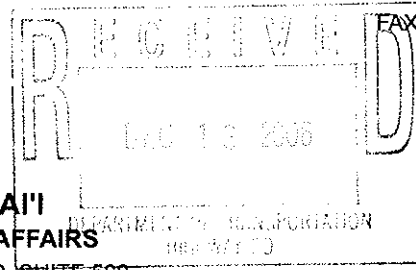
SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT COMMENTS FOR
PROPOSED KAMEHAMEHA HIGHWAY, KAIPAPAU STREAM BRIDGE
REPLACEMENT, FEDERAL-AID PROJECT NO. BR-083-1(48)

Thank you for your comment letter of November 20, 2006, on the subject project. The State of Hawaii Department of Transportation (HDOT) offers the following response to your comment on the Draft Environmental Assessment (EA):

1. You requested that the Final EA be printed on both sides of the page. The HDOT will comply with your request.

Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3437 as noted above.

c: Federal Highway Administration (Eric Worrell)
R. M. Towill(Walter Chong)



STATE OF HAWAII
OFFICE OF HAWAIIAN AFFAIRS
711 KAPI'OLANI BOULEVARD, SUITE 500
HONOLULU, HAWAII 96813

HRD06/2272B

December 4, 2006

Duane Taniguchi
Department of Transportation- Highways Division
601 Kamokila Blvd., Room 609
Kapolei, HI 96707

RE: Draft Environmental Assessment for the Proposed Replacement of the Kaipapa'u Stream Bridge, Hau'ula, O'ahu, TMK (1) 5-4-011 and 018.

Dear Mr. Taniguchi,

The Office of Hawaiian Affairs (OHA) is in receipt of your November 4, 2006 submission and offers the following comments:

Please see the attached comments to Mr. Brennan Morioka (HRD06/2272), dated March 7, 2006, as our concerns are stated within. Our staff has additional comments regarding how the Draft Environmental Assessment fulfilled OHA's comments which were drafted pursuant to Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended.

- 1) Page 62 of the Draft Environmental Assessment says "See Appendix A, Archaeological Site Assessment and Cultural Impact Assessment." Our staff can not locate either of these documents in Appendix A. Please insert the aforementioned studies and resubmit the Draft Environmental Assessment to our office for review. Page 63 of the Draft Environmental Assessment states that a complete surface survey was completed "in, around and under the bridge." Where is the document that substantiates this claim? A "Traditional Cultural Practices Assessment" included in Appendix A may suffice as a type of Cultural Impact Assessment under NHPA, but it will not suffice as an Archaeological Inventory Survey.
- 2) Page 62 of the Draft Environmental Assessment states "To ensure that no subsurface cultural features will be destroyed during project construction, work within the project area will be monitored by the project contractor." The only way to steer clear of damaging historic properties is to 1) locate them and 2) avoid them. Archaeological monitoring does not, and has never, precluded the destruction of historic properties and/or burials. Therefore, OHA does not concur with the proposed mitigation measure.

Duane Taniguchi
December 4, 2006
Page 2

- 3) As our staff requested in our March 7, 2006 comment letter to Mr. Morioka, we urge the applicant to complete a subsurface testing effort to identify potential historic properties prior to the commencement of construction related activities. Not only would this type of study take relatively little time and effort, but it is the only proper way to identify subsurface resources. Recovery during archaeological monitoring is a salvage effort at best and is not an appropriate form of protection for our kūpuna iwi. This request is in direct response to the applicants claim (P. 60, *Burial Sites*) that "Jaucas sands likely to contain burials are likely to exist within or near the present project area."

OHA urges that, in accordance with Section 6E-46.6, Hawaii Revised Statutes and Chapter 13-300, Hawaii Administrative Rules, if the project moves forward, and if any significant cultural deposits or human skeletal remains are encountered, work shall stop in the immediate vicinity and the State Historic Preservation Division (SHPD/DLNR) shall be contacted.

Thank you for the opportunity to comment. If you have further questions or concerns, please contact Jesse Yorck, Native Rights Policy Advocate, at (808) 594-0239 or jessey@oha.org.

Aloha,



Clyde W. Nāmu'o
Administrator

C: Chester Koga, AICP
R.M. Towill Corporation
420 Waiakamilo Road # 411
Honolulu, HI 96817

Genevieve Salmonson
Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, HI 96813



STATE OF HAWAII
OFFICE OF HAWAIIAN AFFAIRS
711 KAPIOLANI BOULEVARD, SUITE 500
HONOLULU, HAWAII 96813

COPY

March 7, 2006

HRD06/2272

Brennon T. Morioka
State of Hawaii, Department of Transportation
869 Punchbowl Street
Honolulu, HI 96813-5097

RE: Section 106 Consultation for the Proposed Replacement of Kaipapau Stream Bridge, Hau'ula, O'ahu.

Dear Mr. Morioka,

The Office of Hawaiian Affairs (OHA) is in receipt of your February 8, 2006 request for comment on the above listed proposed project. OHA offers the following comments:

Our staff recommends that the applicant contact Roland "Ahi" Logan and Cathleen Mattoon as part of your consultation effort. Both individuals are from the area and are intimately involved in the cultural preservation of Ko'olauloa.

As a general note, OHA is concerned with the proposed project's potential effects on historic properties and human burials. Our records show that a substantial amount of iwi was encountered during a utility improvement in Hau'ula, along Kamehameha Highway, during the mid-1990s. This is in addition to the overall regional issue of disturbing iwi during ground-altering activities: 65 sets of human remains were unearthed during a recent Board of Water Supply water main replacement project in nearby Punalu'u. It is with this in mind that OHA asks the applicant to complete a subsurface testing effort, as part of an Archaeological Inventory Survey, prior to earth-disturbing activities. The results of the survey can help the applicant in considering building alternatives that satisfy engineering requirements as well as offer protection to Hawai'i's cultural resources.

OHA also asks that, In accordance with Section 6E-46.6, Hawaii Revised Statutes and Chapter 13-300, Hawaii Administrative Rules, if any significant cultural deposits or human skeletal remains are encountered, work shall stop in the immediate vicinity and the State Historic Preservation Division (SHPD/DLNR) shall be contacted.

Thank you for the opportunity to comment. If you have further questions or concerns, please contact Jesse Yorck, Native Rights Policy Advocate, at (808) 594-0239 or jessey@oha.org.

'O wau iho nō,

A handwritten signature in black ink, appearing to read "Clyde W. Nāmu'o".

Clyde W. Nāmu'o
Administrator

LINDA LINGLE
GOVERNOR



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

BARRY FUKUNAGA
INTERIM DIRECTOR

Deputy Directors
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

HWY-DD 2.3444

FEB 6 2007

TO: CLYDE W. NAMUO, ADMINISTRATOR
OFFICE OF HAWAIIAN AFFAIRS

FROM: BRENNON T. MORIOKA, Ph.D., P.E.
DEPUTY DIRECTOR-HIGHWAYS

A handwritten signature in black ink, appearing to be "BT", is written over the printed name of Brennan T. Morioka.

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT COMMENTS FOR
PROPOSED KAMEHAMEHA HIGHWAY, KAIPAPAU STREAM BRIDGE
REPLACEMENT, FEDERAL-AID PROJECT NO. BR-083-1(48)

Thank you for your comment letter of December 4, 2006, on the subject project. The State of Hawaii Department of Transportation (HDOT) offers the following response to your comments on the Draft Environmental Assessment (EA):

1. We acknowledge receipt of a copy of a letter dated March 7, 2006, from your agency responding to our request for comments in accordance with Section 106 and the National Historic Preservation Act.
2. We will be transmitting the Archaeological Site Assessment and Cultural Impact Assessment to your office under separate cover.
3. The proposed action requires the replacement of an existing bridge structure in the same location, therefore pre-construction testing is not practical. We agree that on-site monitoring during demolition and construction is not entirely error free, however, we need to proceed in this manner to minimize the disruption to adjoining homeowners and the traveling public.

As stated previously, if we encounter any significant cultural deposits or human skeletal remains, we will stop work and the State Historic Preservation Division will be notified and consulted for guidance.

Should you have any questions, please contact Li Nah Okita of our Highways Division at 692-7581 or Duane Taniguchi at 692-7582 and reference HWY-DD 2.3444 as noted above.

Attachment

c: Federal Highway Administration (Eric Worrell)
R. M. Towill(Walter Chong)