MEMORANDUM:

TO: GARY GILL, DIRECTOR
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

FROM: HUGH Y. ONO, ADMINISTRATOR
HIGHWAYS DIVISION

SUBJECT: KAMEHAMEHA HIGHWAY DRAINAGE IMPROVEMENTS
VICINITY OF SUNSET BEACH ELEMENTARY SCHOOL
PROJECT NO. 83B-03-94, KOOLAUOLA, OAHU
TMK: 5-9-01, 02, 05, 13, 14, 16
FINAL ENVIRONMENTAL ASSESSMENT

We are notifying you that an Environmental Impact Statement (EIS) is not required for the subject project and are filing a negative declaration for this project. Enclosed are four (4) copies of the negative declaration.

Please contact Ross Hironaka at 587-2250 (fax 587-2343) if you have any questions.

Enc.
1995-06-23-0A-FEA-Ka'ahimau Hwy, Desert Improvement
of Laniihewa Elementary School

FINAL ENVIRONMENTAL ASSESSMENT
NEGATIVE DECLARATION
for
KAMEHAMEHA HIGHWAY DRAINAGE IMPROVEMENTS
VICINITY OF SUNSET BEACH ELEMENTARY SCHOOL
PROJECT NO. 83B-03-94
Koolauloa, Oahu
TMK: 5-9-01, 02, 05, 13, 14, 16

May 18, 1995

Proposing Agency: Department of Transportation, Highways Division

Agencies consulted:

Federal:
Department of the Army
U.S. Army Engineer District, Honolulu
U.S. Department of Commerce
National Marine Fisheries Service
U.S. Department of the Interior
Fish and Wildlife Services

State:
Department of Business, Economic Development and Tourism
Land Use Commission
Department of Health
Environmental Management Division.
Department of Land and Natural Resources
State Historic Preservation Division
Conservation and Environmental Affairs
Department of Accounting and General Services
Office of State Planning

City & County of Honolulu:
Department of Land Utilization
Department of Parks and Recreation
Department of Public Works
Board of Water Supply
Department of Wastewater Management
Department of Transportation Services

Utilities contacted:
Hawaiian Electric Company, Ltd
GTE Hawaiian Tel
Gasco, Inc
Oceanic Cable
Project Characteristics:

General:

The State of Hawaii, Department of Transportation, Highways Division proposes to improve drainage at Kamehameha Highway in Sunset Beach fronting Sunset Beach Elementary School, Ke Nui Road/Paumalu Bridge and the Hoalua Street areas.

Technical:

Proposed are the following improvements:

(1) approximately 1,750 feet of concrete jacketed 24-inch pipe and 2,000 feet lined gutter with grated drop inlet from Pakulena Gulch to Sunset Beach Elementary School along the south shoulder edge.

(2) on the north shoulder edge, 750 feet of lined gutter with GDI; drainage flow to be directed to outlet at Pakulena Gulch within the existing highway right of way. Fill will not be required in the gulch and the existing wing structure will be restored as necessary after the new pipe outlet is installed.

(3) approximately 150 feet of 24-inch ASRP and 280 feet long lined gutter with GDI along Kamehameha Highway's south shoulder edge near the intersection of Kahauola and Hoalua Street; drainage flow directed to an existing outlet in an existing drainage easement opposite the intersection (on the north side of the highway).

(4) approximately 1500 feet of 24-inch reinforced concrete pipe will be installed along the north right of way boundary of Kamehameha Highway on the Haleiwa side of Paumalu (Bridge) Gulch. Additional fill is not required in Paumalu Gulch and the existing wing structure will be restored as necessary after the new pipe outlet is installed.

Lined gutter and grated drop inlets to be used on the project are designed to accommodate pedestrian and bicyclist traffic.

Improvements will be constructed within the existing roadway right-of-way or existing drainage easement.
Construction of drainage facilities will require relocation of utilities, i.e. U.S. Army Signal Corps cable and water supply facilities.

Economic:

The estimated construction cost to the State of Hawaii for the proposed project will be $1.3 million.

Socio-economic:

The project sites are located within the State Land Use Urban District or Agricultural District. Drainage facilities are allowed.

Traffic safety and comfort will be enhanced for pedestrians and bicyclists as well as motorists, if ponding is alleviated along the highway edge.

Grated drop inlets designed with pedestrian and bicyclist safety in mind provide for safer travel along the highway shoulder.

Abutting properties will not be subject to significant adverse impact as a result of the project.

Environmental:

Construction of the proposed project will not adversely affect any endemic flora or fauna.

Summary of the Affected Environment

The highway drainage improvements will enhance motorist, pedestrian and bicyclist traffic within the area concerned, while having no long-term adverse impacts.

Endangered flora, fauna, critical habitats, historical/archaeological and cultural sites are not involved since improvements will be made within an existing highway right of way and/or adjacent easement.

The stream beds which may be located on and/or adjacent to the project site are classified as intermittent and may be potential habitat for native fauna during times of flow.
Summary of Major Impacts

Short Term

During construction, the following minor adverse impacts may occur:

Dust
Noise
Traffic slow down
Temporary detour

Long Term

No significant adverse impact is anticipated in the following conditions due to construction of the proposed project:

Air Quality
Noise
Archaeological
Flora
Fauna
Visual

Proposed Mitigation Measures During Construction:

1. Appropriate measures to alleviate dust and noise will be utilized.

2. Appropriate temporary and construction traffic control measures will be utilized.

3. Minimizing erosion and siltation during construction will include:
   a. scheduling site work during periods of minimum rainfall;
   b. replanting or covering lands denuded of vegetation as quickly as possible; and
   c. preventing construction materials, petroleum products and debris from falling, blowing or leaching into the aquatic environment.
Determination

The proposed project will not cause significant adverse environmental impact and a negative declaration is applicable.

Findings and Reasons Supporting Determination

The proposed project will not:

1. involve an irrevocable commitment to loss or destruction of any natural or cultural resource.

2. curtail the range of beneficial uses of the environment.

3. conflict with the State’s long-term environmental policies.

4. detrimentally affect the economic or social welfare of the community or State.

5. detrimentally affect the public health.

6. involve substantial secondary impacts, such as population changes or effects on public facilities.

7. involve a substantial degradation of environmental quality.

8. affect any rare, threatened, or endangered species of flora and fauna or habitat.

9. detrimentally affect environmentally sensitive areas such as flood plain, tsunami zone, erosion-prone flood area, geologically hazardous land, estuary, fresh water or coastal water.

10. detrimentally affect air or water quality or ambient noise levels.
For the reasons above, the proposed project will not have any significant effect in the context of Chapter 343, Hawaii Revised Statutes and Section 11-200-12 of the State Administrative Rules.

RECEIVED AND ACCEPTANCE RECOMMENDED:

[Signature]  
HUGH Y. ONO  
Administrator  
Highways Division  
24 May 95

CONCURRENCE:

[Signature]  
KAZU HAYASHIDA  
Director of Transportation  
26 May 95
1. The scope of work for this project consists of constructing drainage pipe culverts, concrete gutters, and gravel drop inlets.

2. Contractor shall remove all stormwater drainages, including expanding or covering areas where vegetation is present. The contractor shall excavate to the required elevation, remove existing vegetation, and construct the new drainage system. Cost for this work will be considered incidental to the various contract items.

LEGEND

- Existing Electric Line
- Existing Power Pole
- Existing Sign樑 Poles
- Existing Water Mains
- Existing Fire Hydrant
- Existing Sewer Line
- Existing Storm Drain
- Existing Trees
- Existing Sidewalk
- Existing 6" Drainage
- New 6" RCP Drain Line
- New Storm Drain Mains
- New Storm Drain Inlet
- New Drop Inlet
- New Catch Basin
- Existing Traffic Sign

DETAIL

R/W to S/R

CONSTRUCTION OF DRAINAGE

GENERAL NOTES & LEGEND

KAMBAKHSHA INDIAN GRANDSTAND

Village of Sunah Beach Elementary School

Project No. 2010-004

Date: June, 2010

SHEET No. 2 OF 7 SHEETS
GENERAL NOTES

1. The Contractor shall verify the locations of all existing utilities in the
   fields. Any existing utilities exposed during construction shall be
   required or requested by the Contractor at his own expense.

2. AC Pavement, Aggregate Base Course and Subbase for the gutter shall be
   paid for under Item No. 302024 Gutters, Type 20204.

3. The Contractor shall provide safe access to business and residential driveways
   for materials, equipment and the public during construction.

4. Striping removed by the project works shall be replaced to existing conditions
   and shall be identical to the various Contract Items.

5. Restoration of Pavement, re-construction of Gutter Curb Wall, Gutter SOD, Kerb
   and Gutter Gutter and connection to existing Gutter or 3 1/2" M.D. Pipe shall
   be paid for according to the respective plans added under Item No. 302024 or 302030.

6. Varnished Concrete Gutter and Combination Reinforced Concrete Gutter and
   Gutter shall be paid for according to the respective plans added under Item No. 302024 or 302030.

7. Type 202024 Gutters, Case I and Case II shall be paid for under Item No.
   302024 Gutters, Type 20204.

8. The Concrete Gutter shall be tested for continuous flow for each completed
   section from the high point to the low structure or high to low. Any
   gouting in the gutter shall be corrected by the Contractor at his expense.

DRAINAGE PLAN

- Item No. 302024
- Item No. 302042
- Item No. 302044
- Item No. 302046
ELEVATION

TYPICAL DETAIL OF REINFORCED CONCRETE JACKET
Scale 1/4"=1'

DETAIL OF COMBINATION RETINFO, CONC.
JACKET AND GUTTER
AT & STA. 224+07.40, RT. TO & STA. 228+05.40, RT.
AND 6 STA. 237+99.40, RT. TO & STA. 238+00.00, RT.
Scale 1/4"=1'

DETAILS OF TYPE 2616G GUTTER

RESTORATION OF PAVEMENT ON KAMEHAMEHA HIGHWAY
Scale 1/4"=1'

DRAINAGE DETAILS
EAST HAVEN R.I. DRAINAGE IMP.
101-103 BROAD STREET
PROVIDENCE, R.I. 02904

Scale 1/4"=1’
April 25, 1995

Mr. Patrick T. Onishi, Director
Department of Land Utilization
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Attention: Environmental Review Branch

Dear Mr. Onishi:

Subject: Letter 94-08206(DT) on Kamehameha Highway Drainage Improvements, Vicinity of Sunset Beach Elementary School, Project No. 83B-03-94, Koolauloa, Oahu

Thank you for your determination that the project is exempt from Special Management Area permit requirement.

Very truly yours,

Hugh Y. Ono
Administrator
Highways Division
November 22, 1994

The Honorable Rex D. Johnson, Director
Department of Transportation
State of Hawaii
Aliiolomoku Hale
868 Punchbowl Street
Honolulu, Hawaii 96813

Dear Mr. Johnson:

Special Management Area Review

Location: Along Kamehameha Highway, from Pakulena Gulch to Sunset Beach Elementary School and near the intersection of Kahanaua and Hoalua Streets

Type of Project: Install lined gutter slopes and grated drop inlets within the existing Kamehameha Highway right-of-way or existing drainage easement

The above proposed project has been reviewed. We find that it:

[X] Is within the Special Management Area, but is not defined as “development” and is therefore, exempt (Section 25-1.3 (2)(N), Chapter 25, Revised Ordinances of Honolulu).

Should you have any questions, please contact the Environmental Review Branch at 523-4077.

Very truly yours,

DONALD A. CLEGG
Director of Land Utilization

DAC:am
0:04-0820.4j1

Attach13
April 27, 1995

Mr. Kenneth E. Sprague  
Director and Chief Engineer  
Department of Public Works  
City and County of Honolulu  
650 South King Street  
Honolulu, Hawaii 96813

Attention: Mr. Alex Ho

Dear Mr. Sprague:

Subject: Kamehameha Highway Drainage Improvements,  
Vicinity of Sunset Beach Elementary School,  
Project No. 83B-03-94, Koolauloa, Oahu  
Reference Letter Env 94-283 Dated December 2, 1994

Thank you for your review. The proposed drainage improvement will enhance disposal of highway runoff.

Very truly yours,

Hugh Y. Ono  
Administrator  
Highways Division
December 2, 1994

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

Dear Mr. Harano:

Subject: Draft Environmental Assessment (DEA)
Kamehameha Highway Drainage Improvements,
Vicinity of Sunset Beach Elementary School
Tax Map Key: 5-2-05, 16 & 01

We have reviewed the subject DEA and wish to inform you that the existing drainage system is inadequate to handle the runoff.

Should you have any questions, please contact Mr. Alex Ho, Environmental Engineer, at 523-4150.

Very truly yours,

KENNETH E. SPRAGUE
Director and Chief Engineer
MEMORANDUM:

TO: ESTHER UEDA, EXECUTIVE OFFICER
   LAND USE COMMISSION
   DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

FROM: HUGH Y. ONO, ADMINISTRATOR
      HIGHWAYS DIVISION

SUBJECT: KAMEHAMEHA HIGHWAY DRAINAGE IMPROVEMENTS,
         VICINITY OF SUNSET BEACH ELEMENTARY SCHOOL,
         PROJECT NO. 83B-03-94, KOOLAULOA, OAHU
         REFERENCE LETTER NO. 94-339-B

Thank you for your review and determination that Kamehameha
Highway is within the State Land Use Urban and Agricultural
Districts. We believe no further action is necessary.
MEMORANDUM:

TO: THOMAS E. ARIZUMI, CHIEF
ENVIROMENTAL MANAGEMENT DIVISION
DEPARTMENT OF HEALTH

FROM: HUGH Y. ONO, ADMINISTRATOR
HIGHWAYS DIVISION

SUBJECT: DOH LETTER 94-259/EPO DATED NOVEMBER 23, 1994
FOR KAMERAMEHA HIGHWAY DRAINAGE IMPROVEMENTS,
VICINITY OF SUNSET BEACH ELEMENTARY SCHOOL,
PROJECT NO. 83B-03-94, KOLOAUOA, OAHU

Thank you for your review and NPDES permit criteria. Based on
the criteria provided, NPDES permit is not required and no
further action is necessary.
November 23, 1994

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

Dear Mr. Harano:

Subject: Draft Environmental Assessment

Kamehameha Highway Drainage Improvements,
Vicinity of Sunset Beach Elementary School,
Project No. 83B-03-94,
Island of Oahu,
TMK: 5-9-05: 16 & 01

Thank you for allowing us to review and comment on the subject project. We have the following comments to offer:

Water Pollution

A National Pollutant Discharge Elimination System (NPDES) permit is required for any discharge to waters of the State including the following:

1. Storm water discharges relating to construction activities for projects equal to or greater than five acres;
2. Storm water discharges from industrial activities;
3. Construction dewatering activities;
4. Cooling water remediation activities;
5. Ground water remediation activities; and
6. Hydrotesting water.

Any person wishing to be covered by the NPDES general permit for any of the above activities should file a Notice of Intent with
Mr. T. Harano
November 23, 1994
Page 2

the Department's Clean Water Branch at least 90 days prior to
commencement of any discharge to waters of the State.

Any questions regarding this matter should be directed to
Mr. Denis Lau of the Clean Water Branch at 586-4309.

Sincerely,

[Signature]

Peter A. Sybinsky, Ph.D.
Director of Health

c: CWB
November 22, 1994

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

Dear Mr. Harano:

The Department of Business, Economic Development & Tourism is pleased to submit the enclosed comments on the Draft Environmental Assessment for the Kamehameha Highway Drainage Improvements Vicinity of Sunset Beach Elementary School, Project No. 83B-03-94.

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,

Jeanne K. Schultz

Enclosure
STATE OF HAWAII
DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM
LAND USE COMMISSION
Room 104, Old Federal Building
305 Merchant Street
Honolulu, Hawaii 96813
Telephone: 587-3423

November 21, 1994

Subject: Director's Referral No. 94-339-B
Kamehameha Highway Drainage Improvements
Vicinity of Sunset Beach Elementary School,
Project No. 838-03-94, District of Koolaupoko,
Island of Oahu, TMK: 5-9-05; 5-9-16; and 5-9-01
Draft Environmental Assessment

We have reviewed the draft environmental assessment and set
of preliminary plans for the subject project and have the
following comments to offer:

1) Based on the preliminary plans that depict the project
locations on Kamehameha Highway, we confirm that
portions of Kamehameha Highway are within the State
Land Use Urban District and portions of the highway are
within the State Land Use Agricultural District.

Specifically, for the project in the vicinity of Sunset
Beach Elementary School, Kamehameha Highway is within
the State Land Use Agricultural District and becomes
within the State Land Use Urban District as it
approaches Sunset Beach Elementary School. Upon
passing the elementary school, the highway is again
within the State Land Use Agricultural District.

In regards to the project in the vicinity of Hoalua
Street, this section of Kamehameha Highway is within
the State Land Use Agricultural District.

We have enclosed a portion of the Land Use District
Boundary Map - O-3 (Waiman) with the approximate
project locations highlighted in yellow for your
information.

2) The project area in the vicinity of the elementary
school is adjacent to a number of reclassifications
made by the Commission. They are as follows:
a) A72-324/Department of Accounting and General Services - reclassification from Agricultural to Urban of approximately 6.123 acres for establishment and operation of the Sunset Beach Elementary School.

b) A84-579/PECA-IBEW Training Fund - reclassification of approximately 6.089 acres from Agricultural to Urban for a training facility.

c) A93-700/Obayashi Hawaii Corporation - reclassification of approximately 57.3 acres from Agricultural to Urban for residential elderly housing, water reclamation facility and community facility.

The locations of the above reclassifications are also shown on the map provided.

We have no further comments to offer at this time.

EU:LRA:th
April 27, 1995

MEMORANDUM:

TO: MICHAEL D. WILSON, CHAIRPERSON
   DEPARTMENT OF LAND AND NATURAL RESOURCES

ATTN: ROGER C. EVANS, ADMINISTRATOR
   OFFICE OF CONSERVATION & ENVIRONMENTAL AFFAIRS

FROM: HUGH Y. ONO, ADMINISTRATOR
   HIGHWAYS DIVISION

SUBJECT: KAMEHAMEHA HIGHWAY DRAINAGE IMPROVEMENTS,
   VICINITY OF SUNSET BEACH ELEMENTARY SCHOOL,
   PROJECT NO. 83B-03-94, KOOLAU, OAHU
   REFERENCE LETTER: OCEA:DKP

Thank you for your review. Additional erosion and siltation
measures recommended will be included in the project document.
MEMORANDUM

TO:        Director
Department of Transportation (DOT)

ATTN:      T. Barano, Chief
Highways Division, DOT

FROM:      Keith W. Ahue, Chairperson
Board of Land and Natural Resources

SUBJECT:   Kamehameha Highway Drainage Improvements in the Vicinity of
Sunset Beach Elementary School, Sunset Beach, Koolauloa, Oahu,
TMGs: 5-9-01; 05; 16

We have the Draft Environmental Assessment (DEA) for the subject project
transmitted by your letter dated November 1, 1994, and have the following
comments:

Division of Aquatic Resources

The Division of Aquatic Resources (DAR) comments that since the drainage
improvements will be constructed within the existing roadway right-of-way
or existing drainage easements, this project is not expected to have
significant adverse impact on aquatic resource values in this area.

However, in regard to the several stream beds located on and/or adjacent
to the project site, these stream beds are classified as intermittent and
therefore have the potential to provide habitat for native freshwater
fauna that recruit from the ocean during times of flow. This is a good
probability since adjacent Waimea River is known to harbor native
freshwater species. Although, intermittent streams do not have a
consistent flow of water to the ocean all year round, the upper reaches
may contain areas that do flow or have pockets of water that provide
habitat for native freshwater fauna to flourish.

DOT should therefore employ measures that would guard against the release
of sediment, pollutants, and debris from construction activities which
could enter the ocean or streams.
In this regard, the following additional measures to minimize erosion and siltation during construction should be included:

1) Site work should be scheduled for periods of minimal rainfall;

2) Lands denuded of vegetation should be replanted or covered as quickly as possible to control erosion; and

3) Construction materials, petroleum products, and debris should be prevented from falling, blowing, or leaching into the aquatic environment.

We will forward any Commission on Water Resource Management and Historic Preservation Division comments as they become available.

We have no other comments to offer at this time. Thank you for your cooperation on this matter.

Should you have any questions, please feel free to call Steve Tagawa at our Office of Conservation and Environmental Affairs, at 587-0377.
May 2, 1995

MEMORANDUM:

TO:     DON HIBBARD, ADMINISTRATOR
         STATE HISTORIC PRESERVATION DIVISION
         DEPARTMENT OF LAND AND NATURAL RESOURCES

FROM:  HUGH Y. ONO, ADMINISTRATOR
         HIGHWAYS DIVISION

SUBJECT: KAMEHAMEHA HIGHWAY DRAINAGE IMPROVEMENTS,
         VICINITY OF SUNSET BEACH ELEMENTARY SCHOOL,
         PROJECT NO. 83B-03-94, KOOLAUHA, OAHU
         REFERENCE LOG NO.: 13206, DOC NO.: 9412EJ04,
         DATED DECEMBER 8, 1994

Thank you for your review and "no-effect" determination.
Procedures for unanticipated archaeological findings during
construction, including work stoppage and DLNR Archaeologist
notification, are included in the applicable State Department of
Transportation Standard Specifications.
December 8, 1994

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

Dear Mr. Harano:

SUBJECT Kamehameha Highway Drainage Improvements: Vicinity of Sunset Beach Elementary School. Project No. 838-03-94
Pupukea-Paualu, Ko‘olauloa, O‘ahu
TMK: 5-9-05, 16, 01

Thank you for the opportunity to review this project which proposes drainage improvements along Kamehameha Highway in the vicinity of Sunset Beach Elementary School and the Hoalua Street area. A review of our records shows that there are no known historic sites along the project corridors. Since improvements will be made to existing roadways and drainage easements, where it is unlikely that historic sites will be found, we believe that this project will have "no effect" on historic sites.

It is possible that historic sites, including human burials, will be uncovered during routine construction activities. Should this be the case all work in the vicinity must stop and the Historic Preservation Division must be contacted at 987-0047.

Sincerely,

Don Hibbard, Administrator
Historic Preservation Division

EJ:jk
May 4, 1995

Department of the Army
U.S. Army Engineer District, Honolulu
Fort Shafter, Hawaii 96858-5440

Attention: Planning Division

Gentlemen:

Subject: Kamehameha Highway Drainage Improvements, Vicinity of Sunset Beach Elementary School, Project No. 83B-03-94, Koolauloa, Oahu
Response to your comment on Draft Environmental Assessment

Thank you for your review and flood zone information. No fill will be placed in gulches and no DA permit is necessary.

Very truly yours,

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

Dear Mr. Harano:

This is in response to your fax dated April 13, 1995 requesting information for a Department of the Army (DA) permit for work at TMK: 5-9-01, 02, 05, 13, 14, and 16, Project 83B-03-94, Sunset Beach, Koolauloa, Oahu, Hawaii.

Based on a site visit and the information provided, a permit is not required as no construction activity is being planned in the stream.

Should there be a change in the proposed project that would include any work in the stream, a DA permit may be necessary, and you should contact this office.

File number NP95-065 is assigned to this project. Please refer to this number in any correspondence with us. If you have any questions or need further information, please call Ms. Lolly Silva at 438-9258, extension 17.

Sincerely,

James L. Bersson, P.E.  
Chief, Operations Division

Copy Furnished:

State Dept. of Health, Clean Water Branch, Hon., HI
DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, HONOLULU
P.O. BOX 10023, HANALEI, WAIKIKI 96813-5442

November 30, 1994

Planning Division

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

Dear Mr. Harano:

Thank you for the opportunity to review and comment on the Draft Environmental Assessment for the Kamehameha Highway Drainage Improvements Project, Sunset Beach, Oahu (TMK 595, 01, 16). The following comments are provided pursuant to Corps of Engineers authorities to disseminate flood hazard information under the Flood Control Act of 1960 and to issue Department of the Army (DA) permits under the Clean Water Act; the Rivers and Harbors Act of 1899; and the Marine Protection, Research and Sanctuaries Act.

a. A DA permit may be required if the project includes placement of fill in Pakulena Gulch. Please contact our Regulatory Branch for further information at 438-9258.

b. According to the enclosed Federal Emergency Management Agency’s Flood Insurance Rate Map, panel number 150001 0009B dated September 4, 1998, the project sites are located in Zone X (unshaded; areas determined to be outside of the 500-year floodplain); Zone AE (areas inundated by the 100-year flood with a base flood elevation of 14 to 17 feet above mean sea level); and, Zone VE (areas inundated by the 100-year coastal flood with velocity hazards and a base flood elevation of 18 feet above mean sea level). Further information may be obtained from Ms. Jessie Dobinichok of my planning staff at 438-2883.

Sincerely,

[Signature]

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

Enclosure
May 2, 1995

United States Department of the Interior
Fish and Wildlife Service
Pacific Island Ecoregion
100 Ala Moana Boulevard, Room 6307
P.O. Box 50167
Honolulu, Hawaii  96850

Attention:  Brooks Harper

Gentlemen:

Subject:  Kamehameha Highway Drainage Improvements,
         Vicinity of Sunset Beach Elementary School,
         Project No. 83B-03-94, Koolauloa, Oahu
         Reference Memo Dated January 23, 1995

Thank you for your review of the proposed project. Draft EA
filed with State of Hawaii Office of Environmental Quality in
February, 1995 included statement that stream beds which may be
located on and/or adjacent to the project site are classified
as intermittent and may be potential habitat for native fauna
during times of flow. This information was provided to the
Highways Division by the State of Hawaii Department of Land and
Natural Resources by memorandum dated December 23, 1994.

The following proposed mitigation measures will be included in
the EA process:

1. Scheduling site work during periods of minimum rainfall;

2. Replanting or covering lands denuded of vegetation as
   quickly as possible; and

AEC 35
3. Preventing construction materials, petroleum products and debris from falling, blowing or leaching into the aquatic environment.

We believe no additional action is necessary.

Very truly yours,

Hugh Y. Ono
Administrator
Highways Division.
Mr. T. Harano
Chief, Highways Division
Hawaii Department of Transportation
869 Punchbowl Street
Honolulu, HI 96813-5097

Re: Kamehameha Highway Drainage Improvements in the Vicinity of Sunset Beach
Elementary School, Sunset Beach, Oahu, Hawaii (Project No. 83B-03-94, District of
Koolauapoko, Oahu, TMK: 5-9-05, 16 & 01)

Dear Mr. Harano:

The U.S. Fish and Wildlife Service (Service) has reviewed the draft Environmental
Assessment (EA) and preliminary set of plans for the drainage improvements proposed for
Kamehameha Highway in the vicinity of Sunset Beach Elementary School, Sunset Beach,
Oahu, Hawaii. The project sponsor is Hawaii State Department of Transportation, Division
of Highways. The Service offers the following comments for your consideration.

The proposed project would result in the installation of approximately 579 meters (m)
[1,900 feet (ft)] of concrete-jacketed drain pipe that is 0.6 m (2 ft) in diameter and 610 m
(2,000 ft) of lined gutter with grated inlets. The improvements would be constructed within
portions of existing roadway right-of-way and existing drainage easement. Highway
stormwater runoff will be collected by the drainage system and discharged into an existing
grassed, drainage swale near Hoaula Street and into an existing outlet at the seaward end of
Pakulena Gulch. According to the draft EA, proposed mitigation includes the utilization of
appropriate sediment control measures to avoid causing turbidity in the ocean.

The Service is concerned about adverse impacts to fish and wildlife resources, including
migratory shorebirds and marine species. Based on the draft EA and preliminary plans; no
significant project-related adverse impacts to these resources are expected to result if the
proposed work is conducted during the dry season between May and September. Since
proposed mitigation includes sediment control measures, we recommend that additional
information on the potential for the project to cause turbidity in the ocean be included in
the final EA. Should a Department of the Army permit be required, the Service will review
the permit application and provide formal comments to the U.S. Army Corps of Engineers.
Kamehameha Highway Drainage Improvements  
Sunset Beach, Oahu, Hawaii  
(Project No. 83B-03-94, TMK: 5-9-05, 16 & 01)

The Service appreciates the opportunity to comment on the proposed project. If you have questions regarding these comments, please contact Fish and Wildlife Biologist Michael Molina at 808/541-3441.

Sincerely,

[Signature]
Brooks Harper  
Field Supervisor  
Ecological Services

cc:  DAR, Hawaii  
     CZMP, Hawaii  
     CWB, Hawaii