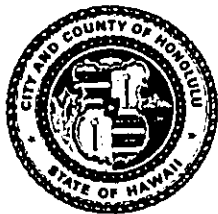


DEPARTMENT OF TRANSPORTATION SERVICES  
**CITY AND COUNTY OF HONOLULU**

PACIFIC PARK PLAZA  
711 KAPIOLANI BOULEVARD, SUITE 1200  
HONOLULU, HAWAII 96813



FRANK F. FASI  
MAYOR

RECEIVED

'94 MAR 17 A 7:27

JOSEPH M. MAGALDI, JR.  
DIRECTOR

AMAR SAPPAL  
DEPUTY DIRECTOR

(HFC) QUALITY CONTROL

March 11, 1994

Mr. Brian Choy  
Director  
Office of Environmental  
Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

Dear Mr. Choy:

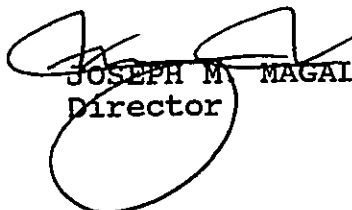
Subject: Negative Declaration For The Proposed Kailua Area  
Bikeway System - Oahu, Hawaii  
TMK: 4-2-01 and 4-3-10/11

This letter constitutes a notice of determination by this department after the potential impacts of the proposed project had been assessed according to Title II, Chapter 200, Environmental Impact Statement Rules, and Chapter 343 of the Hawaii Revised Statutes relating to the environmental impact statements (EIS). The determination has been made that an EIS is not required based on the environmental assessment (EA) prepared by our consultants, Kwock Associates, Inc.

Based on our determination, we are filing a Negative Declaration for this project. Attached are four copies of the EA and a document for publication form.

Should there be any questions, please contact Thomas Baba of my staff at 527-5009.

Sincerely,

  
JOSEPH M. MAGALDI, JR.  
Director

Attachments

1994-04-08-0A-FAA-Kailua Bikeway  
System

APR 8 1994

FINAL  
ENVIRONMENTAL ASSESSMENT  
FOR  
KAILUA AREA BIKEWAY SYSTEM  
HAHANI STREET TO KANEAPU PLACE

KAILUA, KOOLAUPOKO, HAWAII

TMK: 4-2-01, 4-3-10/11



**Frank F. Fasi, Mayor**

Joseph M. Magaldi, Jr., Director  
Amar Sappal, Deputy Director  
Department of Transportation Services

Prepared by:

Kwock Associates, Inc.  
1100 Ward Ave. Suite 920  
Honolulu, Hawaii 96814

March 1994

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**I. DESCRIPTION OF THE PROPOSED PROJECT**

**A. PURPOSE OF THE PROJECT**

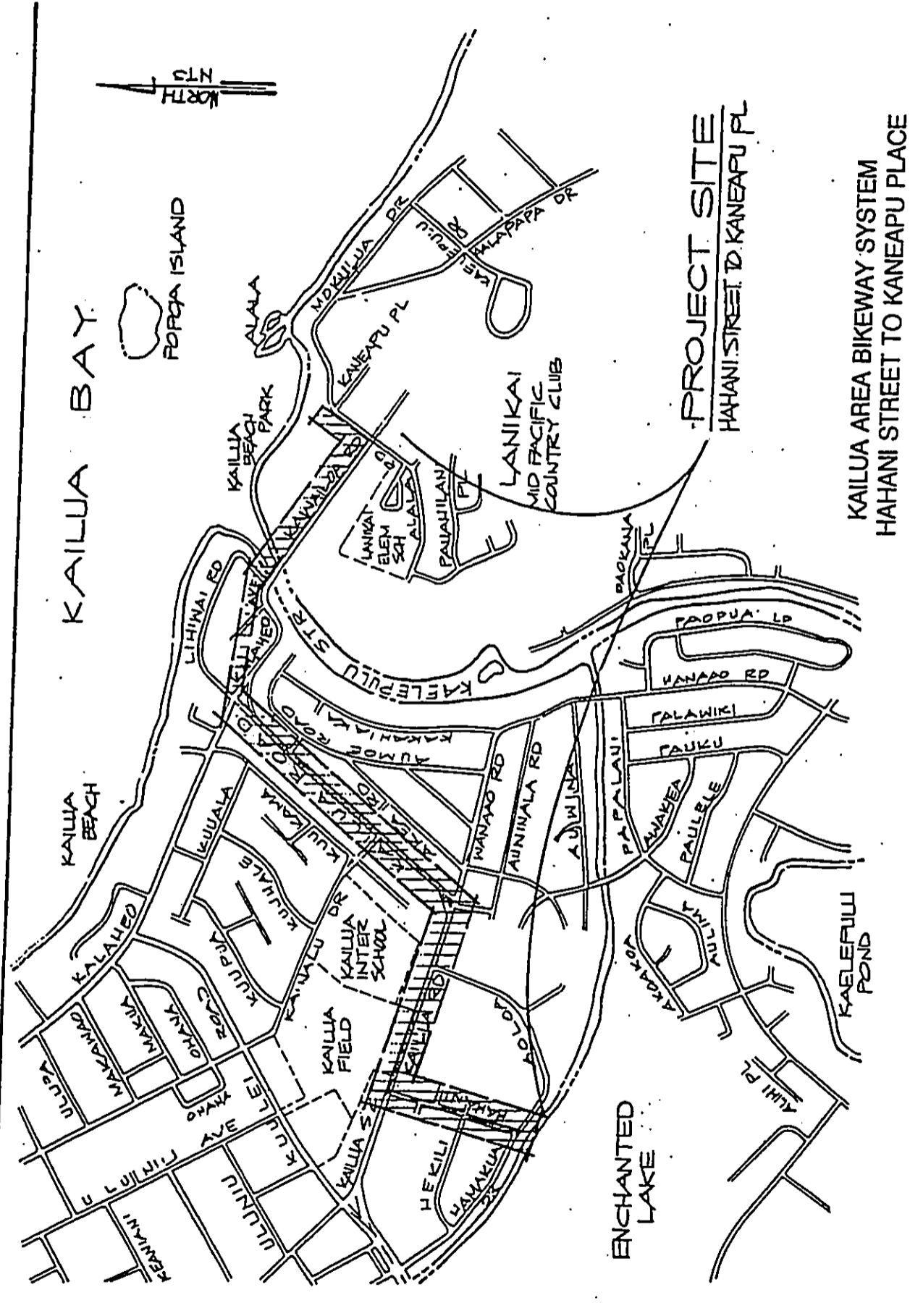
The Department of Transportation Services, City and County of Honolulu, is proposing to extend the existing Kailua Bikeway from the intersection of Hamakua Drive and Hahani Street to Kailua Beach Park as shown in Figure 1. The completion of the link between the two existing sections of bikeway will provide bikers with a paved designated bike path from Kailua Town to Kailua Beach Park, a distance of about 1.25 miles. Construction of this section of the bike route will allow bikers to travel from Kailua town to Kailua Beach Park and on to Lanikai on a separate alignment from automobile traffic. The completed bike way will provide a safer route for cyclists than presently available.

**B. PROPOSED EXTENSION OF THE BIKEWAY SYSTEM**

The proposed extension of the Kailua Bikeway System will begin at the intersection of Hamakua Drive and Hahani Street, along Hahani Street to Kailua Road, along Kailua Road to Kalaheo Avenue, into Kailua Beach Park and connecting to the existing bikeway leading to Lanikai at Kaneapu Place. A bikeway/pedestrian bridge, providing a protected continuous route through Kailua Beach Park will be constructed over Kaelepulu Stream next to the existing automobile bridge. Once in the park, bikers can leisurely ride their bicycles in the park with minimum conflict with automobile traffic. Construction of the missing link of bike route between Hahani Street and Kailua Beach Park will enhance the recreational use of Kailua Beach Park and will also provide a safer bike path for cyclists who must now ride their bikes on uneven dirt and grass areas along Kailua Road and on Kailua Beach Park roads and parking lots.

Bikers, pedestrians, and joggers will share in the use of the bikeway. However, pedestrians (walking and jogging), and persons with disabilities will have the right-of-way on the bikeway.

# LOCATION MAP



KAILUA AREA BIKEWAY SYSTEM  
HAHANI STREET TO KANEAPU PLACE

FIGURE 1

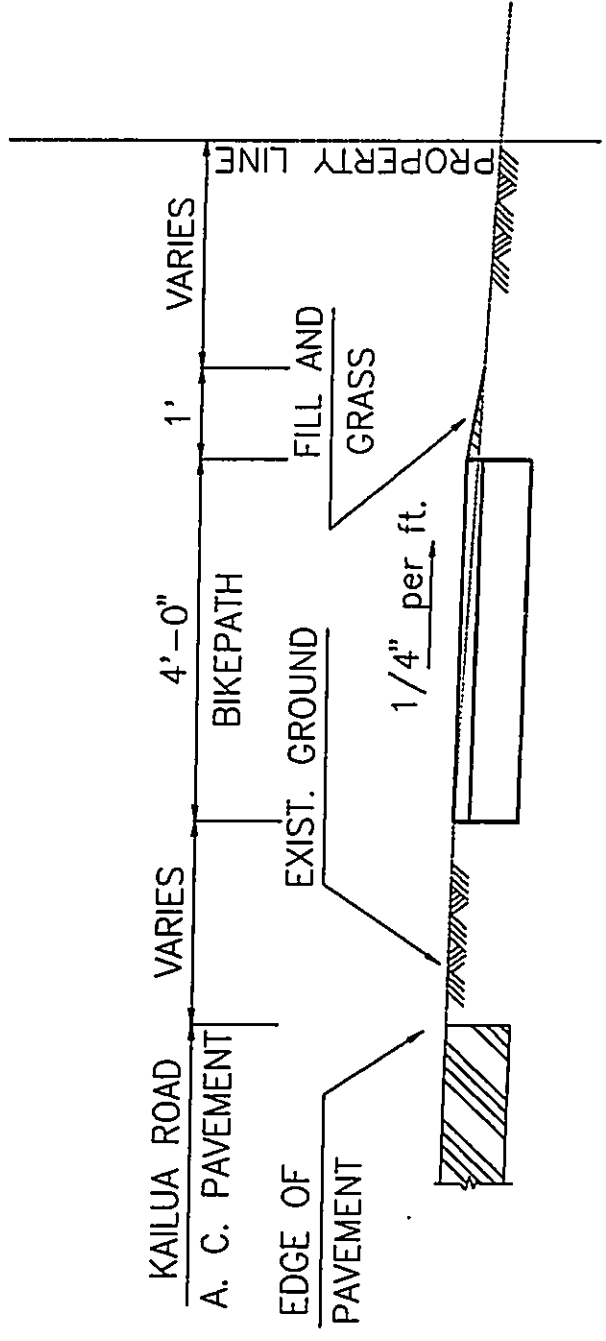
Hahani Street will be designated a bike route and signs will be posted along the street indicating the bike route.

Along Kailua Road, a 4-foot wide asphaltic concrete paved bike path will be constructed on the outbound side of Kailua Road, leading from Kailua Town to Lanikai, where there is no pedestrian walkway (Figure 2).

On the west side of Kailua Road, inbound from Lanikai to Kailua Town, where there is an existing pedestrian walkway, the area between the existing pedestrian walkway and edge of Kailua Road will be paved to provide between six (6) to eight (8) of paved area for cyclers and pedestrians, as shown in Figures 3 and 4.

Beyond Kailua Road, the bike route will enter Kailua Beach Park near the Kalaheo Avenue and Kailua Road Intersection and traverse through the park somewhat parallel to Kawailoa Road and cross Kaelepulu Stream on a new 10-foot wide concrete bikeway bridge about seven (7) feet downstream and parallel to the existing Kawailoa Road bridge. The bridge location and bridge typical section are shown in Figures 5 and 6. The bikeway bridge will be about 217 feet long and will be at about the same elevation as the existing road bridge. Bridge layout and bridge elevations are shown in Figures 7, 8, and 9, respectively. Bridge piers of the new bridge will be aligned with piers of the existing automobile bridge.

The bikeway in Kailua Beach Park will be 8 feet wide asphalt concrete pavement. The bikeway will enter Kailua Beach Park off Kailua Road about 350 feet makai (oceanside) of Kalaheo Avenue. In the park, the bikeway will roughly parallel Kawailoa Road until the vicinity of the Kawailoa Road automobile bridge where the bikeway will turn toward the road and approach the new bikeway bridge which will be located about seven (7) feet makai of the Kawailoa Road bridge. Past Kaelepulu Stream, the bikeway will be in the Kailua Beach Park, about twenty-five (25) feet and roughly parallel to Kawailoa Road until Camp Kailua where the



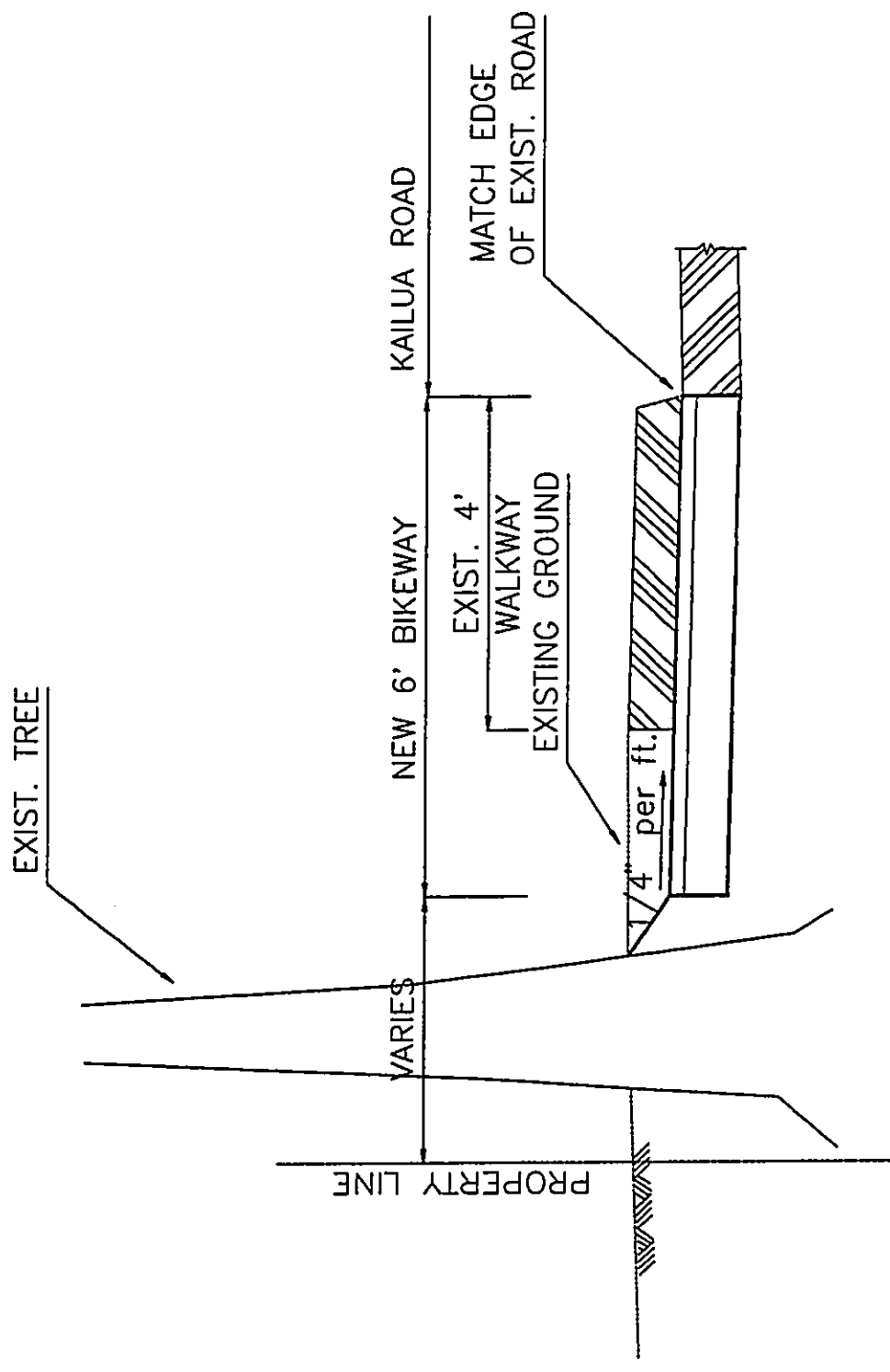
TYPICAL BIKEPATH SECTION  
(OUTBOUND)

SCALE: 1/2" = 1'-0"

KAILUA AREA BIKEWAY SYSTEM  
HANAHANI STREET TO KANEAPU PLACE

FIGURE 2

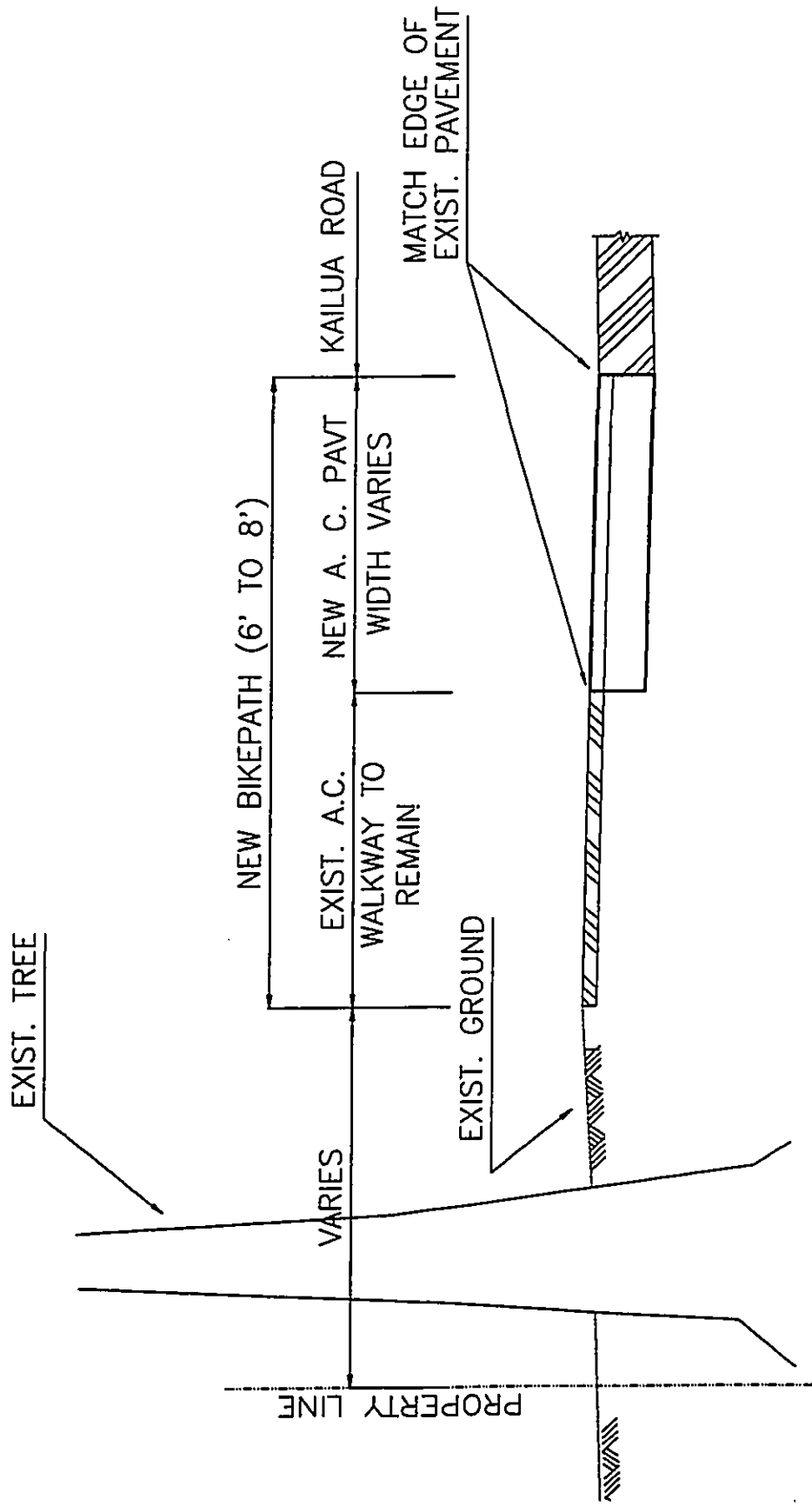




TYPICAL BIKEPATH SECTION  
 (INBOUND FROM HAHANI ST. TO WANA AO ROAD JUNCTION)

SCALE: 1/2" = 1'-0"

KAILUA AREA BIKEWAY SYSTEM  
 HANHANI STREET TO KANEAPU PLACE  
 FIGURE 3



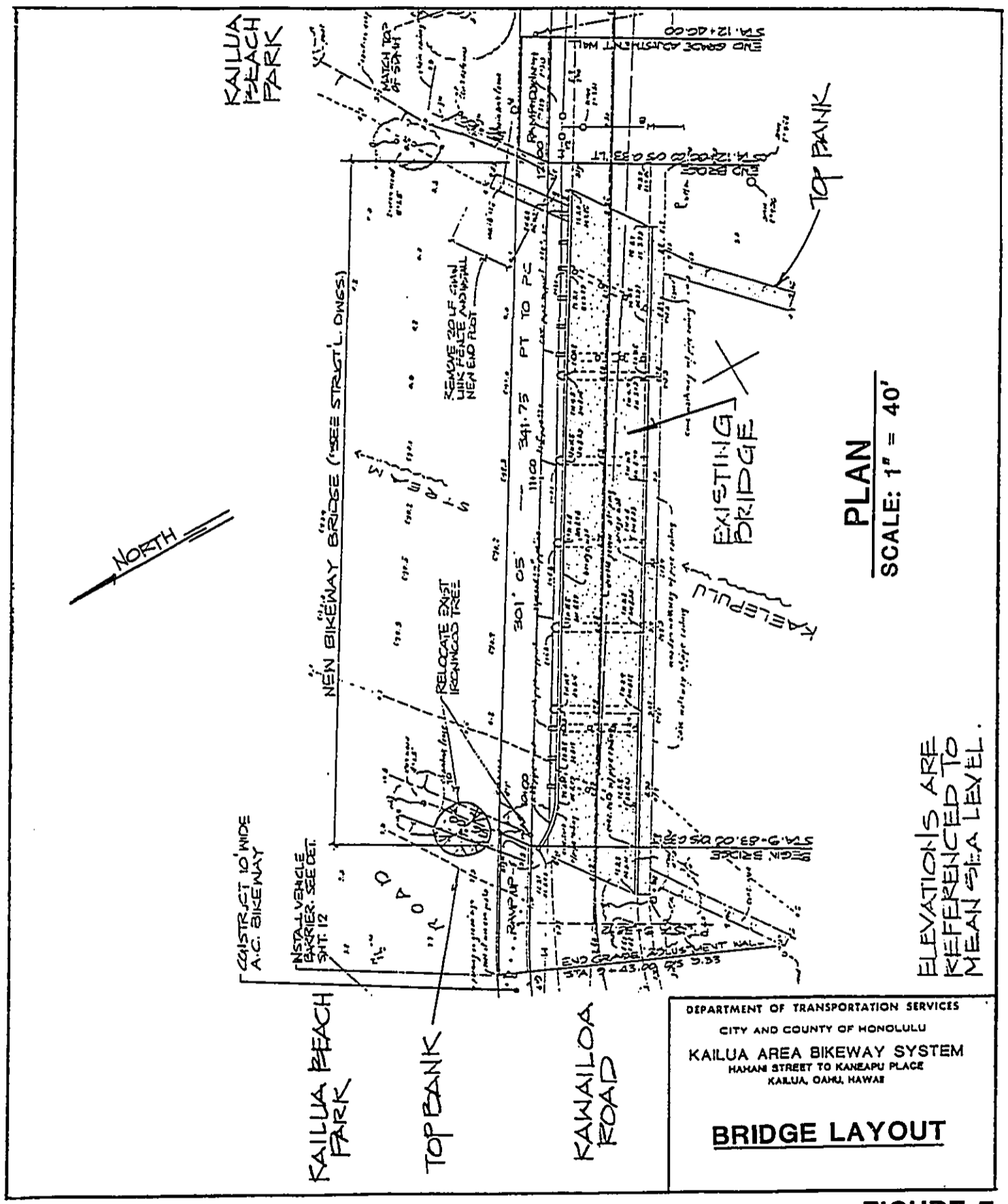
TYPICAL BIKEPATH SECTION  
 (INBOUND FROM WANA AO ROAD JUNCTION TO KAILUA BEACH PARK)

SCALE: 1/2" = 1'-0"

KAILUA AREA BIKEWAY SYSTEM  
 HANHANI STREET TO KANEAPU PLACE  
 FIGURE 4







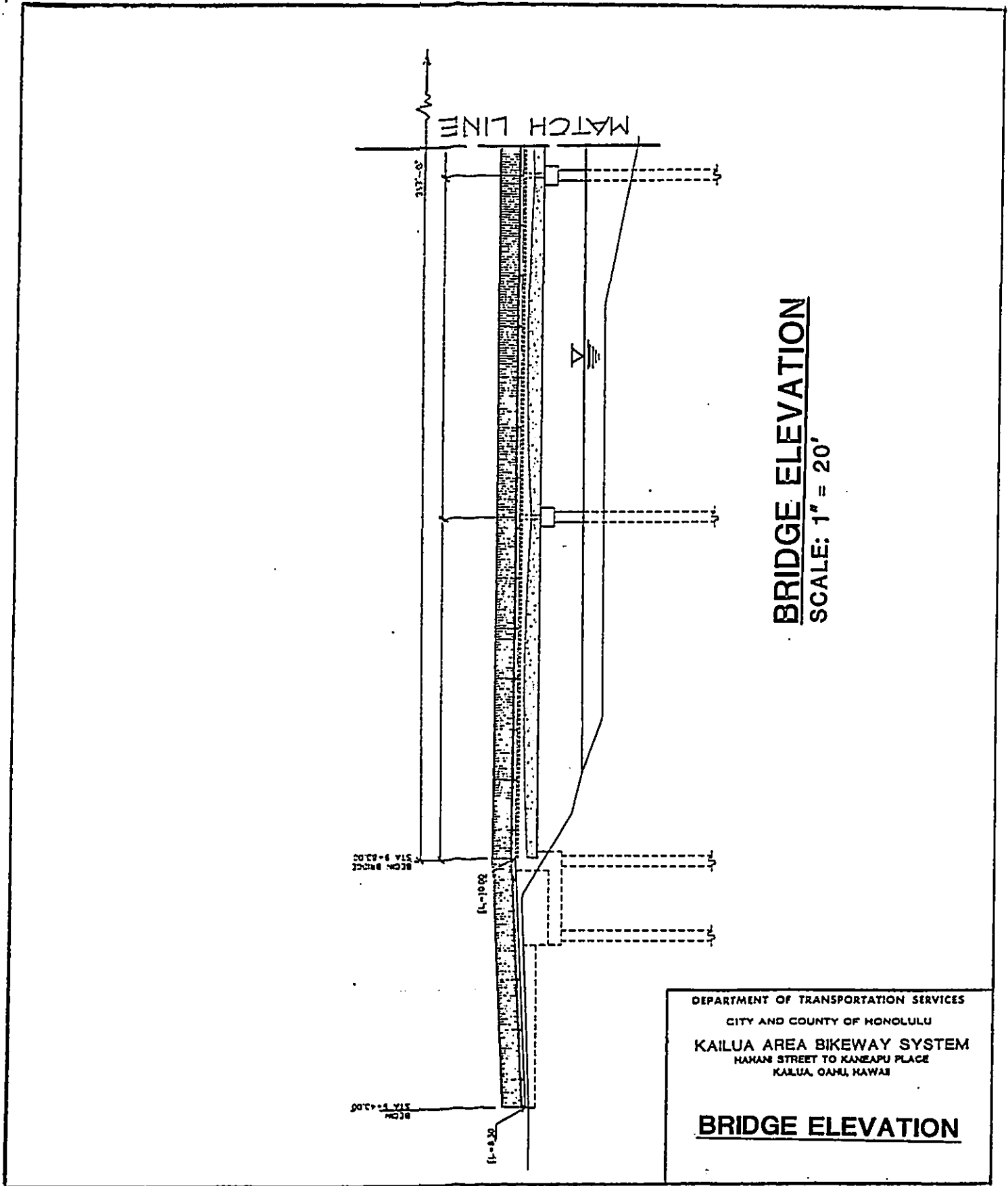


FIGURE 8

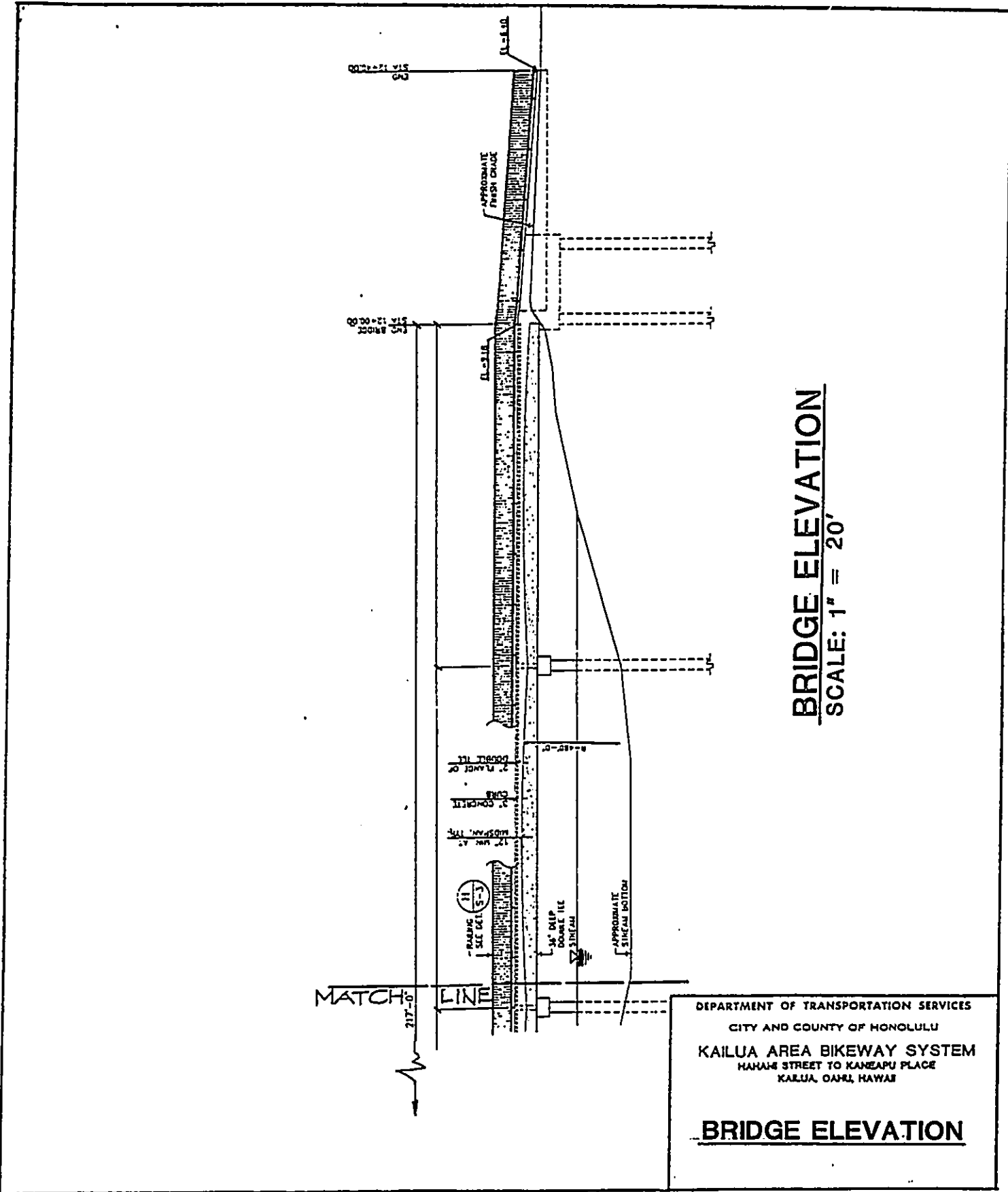


FIGURE 9

bikeway will leave the park and be located in the Kawailoa Road right-of-way. Past the buildings in Camp Kailua, the bikeway will turn roughly parallel to Aala Road and connect to the existing bikeway leading to Lanikai on the far side of the parking lot next to the beach. The bikeway will connect the existing bike route leading to Lanikai near Kaneapu Place and Aala Road just before Mokulua Drive.

Construction of the bikeway extension will be within existing roadways and Kailua Beach Park which are under City jurisdiction. Acquisition of additional right of way for the bikeway is not required. Kailua Road is owned by the State Department of Land and Natural Resources and maintained by the City and County of Honolulu Department of Public Works. Kailua Beach Park is owned and maintained by the City and County of Honolulu, Department of Parks and Recreation.

**C. FUNDING**

The project construction cost is estimated to be \$800,000 and will be funded using City and County bikeway funds.

**D. SCHEDULE**

The project is scheduled to begin construction in late 1994 or early 1995. Construction of the bikeway and bridge is scheduled to be completed mid-1995.

**E. PERMITS AND APPROVALS REQUIRED**

1. The following permits are required:

- a. Special Management Area Use Permit from City and County Department of Land Utilization.
- b. Stream Channel Alteration Permit (SCAP) from the State Department of Land and Natural Resources, Commission on Water Resource Management
- c. Department of the Army Permit, Section 10 of the Harbors Act from the U. S. Army Corps of Engineers



- d. Ocean Water Construction Permit from the State Department of Transportation, Harbors Division
  - e. Bridge Permit from U. S. Coast Guard
2. The following actions have been completed:
- a. The State of Hawaii Office of Planning has reviewed the proposal to construct a bikeway bridge across Kaelepulu Stream and concurred with the assessment and finding of the Department of Transportation Services that the activity is consistent with Hawaii's Coastal Zone Management (CZM) Program. Accordingly, the State Office of Planning has approved the Coastal Zone Management federal consistency determination.
  - b. A Department of the Army Section 10 Permit has been received from the U. Army Corps of Engineers for construction of the bikeway bridge across Kaelepulu Stream
  - c. The U. S. Coast Guard has reviewed the Bridge Permit application and determined that the bridge is exempted from 33 CFR 118.40(b) and a Coast Guard Permit is not required.
3. The following actions are pending:
- a. A Special Management Area Permit application has been submitted to the City Department of Land Utilization.
  - b. A Stream Channel Alteration Permit application has been submitted to the State Department of Land and Natural Resources.

## **II. DESCRIPTION OF THE ENVIRONMENTAL SETTING**

### **A. LOCATION**

The project is located on the windward side of Oahu. The bikeway extension is located in a residential area and will serve bike riding residents in the community. Residences located along Kailua Road are mainly single

family homes with some apartment buildings between Hahani Street and Aoloa Street.

**B. CLIMATE**

Kailua is located in windward Oahu which is subject to moisture laden northeast trade winds 75% of the year. A reverse wind pattern, the so called "Kona Winds" from the south to southwest occur about 7% of the year. The average annual temperature of about 75° Fahrenheit and humidities range from 70 to 80 percent throughout the year. Average annual rainfall is about 25 inches. Air quality of the area is generally good.

**C. ARCHEOLOGICAL AND CULTURAL SIGNIFICANCE**

All of the improvements proposed by this project will be constructed in existing disturbed built up areas. Excavation for the bike path will range from 6 inches to 12 inches. "Sites of Oahu" (Sterling and Summers, 1978) indicates no known archeological sites within the proposed construction area.

**D. FLORA AND FAUNA**

Existing vegetation in the area consists of grass, keawe, coconut trees, ironwood trees, and Haole Koa. Animal life in the project area consists mainly of domesticated cats and dogs, mongoose, and rodents. Bird life is consists of Mynah birds, Barred Doves, Spotted Doves, Sparrows, Cardinals, and Seagulls. There are no endangered flora or fauna species in the project area.

**E. UTILITIES**

Utilities in the area are provided by Board of Water Supply (water), Hawaiian Electric Co. (electricity), Hawaiian Telephone Co. (telephone), and City and County of Honolulu (sewer). Water and sewer utility lines are underground. Electrical and telephone lines are overhead on poles.

### **III. ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES**

#### **A. CONSTRUCTION RELATED IMPACTS**

##### **1. ECONOMIC**

The construction cost of the project is estimated to be \$800,000. Funding of the project is entirely by City funds. Private funds will not be used. Job opportunities will be generated as a result of this project.

##### **2. AIR QUALITY**

There will be a temporary increase of dust and vehicular exhaust emissions during construction. The dust generated will be minimal because excavation will be limited to the widths of the bike paths (4' to 10') and less than 12 inches deep. Appropriate application of water will be used to minimize dust during construction.

There will be increased exhaust emissions from equipment during construction and ambient air quality will be affected but the increase in emissions will only be temporary and will not adversely affect air quality in the long term. The prevailing northeast trade winds will also help to disperse emission concentrations.

##### **3. WATER QUALITY**

There will be little soil runoff from the construction of the bike paths because construction will be confined to small areas.

Construction of the bikeway bridge will cause siltation in Kaelepulu Stream. However, excavation in the stream will be limited to the area of the bridge foundations and during foundation excavation, silt screens will be used to control migration of silt. There will be no deposition of fill in the stream.

Existing drainage patterns will not be significantly affected by this project. Generally the bikeway and bikepath follow the contours of the ground except at Kaelepulu Stream where a bikeway bridge will

be built. All exposed slopes and areas resulting from construction activities will be grassed as soon as practicable.

Water quality of the receiving waters of storm runoff will remain unchanged. Silt for runoff from the excavated bikeway will be trapped in the bikeway excavation and will not migrate to the receiving waters. There will not be large amounts of excavated material stored along side the bikeway. The Contractor will be required to periodically remove excess material along the bikeway. The Contractor will be responsible for conformance with applicable provisions of the Chapter 54, Water Quality Standards, and Chapter 55, Water Pollution Control of Title 11, Administrative Rules of the State Department of Health.

4. **EROSION**

Erosion is expected to be minimal as construction will be limited to built up areas and construction will be limited to the width of the bike paths or bikeways. Landscaping or grassing disturbed by construction will be replanted by the Contractor as soon as practicable.

The total amount of excavation for bikeway construction along the entire 1.25 mile length of bikeway is estimated to be about 1,500 cubic yards. The amount of excavated material is small because of excavation will be shallow and confined to the width of the bikeway except at the bikeway bridge. Grade adjustment fill will be minimal since the paved bikeway will follow the ground and the bikeway is already in a developed and generally flat area.

Kailua and the vicinity of the bikeway is fairly level. Storm water runoff will be slow. Construction of the bikeway will not alter the

permanent drainage pattern of the area because of the very localized strip construction and the necessity of matching existing grades in a developed area.

During construction, drainage will not will not be greatly affected. Excavation along the alignment will act as a sump to collect drainage runoff and retard drainage runoff.

**5. TRAFFIC**

Temporary lane closures may be required for short periods during construction along Kailua Road. Policemen and flag men will be utilized to direct traffic and maintain safe traffic conditions along Kailua Road. There will be a temporary increase in traffic due to construction workers and equipment.

**6. NOISE**

There will be a temporary increase in noise due to construction activity. Construction hours will be limited as permitted by law. Noise levels generated by the construction will governed by Public Health Regulations, Title 11, Chapters 42, 43, 44A and 44B of the State Department of Health

**7. BIOLOGICAL**

There are no known endangered species of flora or fauna in the area. Any vegetation disturbed by construction will be replanted by the completion of construction.

**8. ARCHEOLOGICAL**

There are no known historical or archeological significant areas near the project site. This project will be constructed in a built up area. Additionally, excavation will not exceed 12 inches except for bridge foundation construction. However, should archeological artifacts or sites are be uncovered during construction of the bikeway, work in the area will be stopped and the Department of Land and Natural

Resources, Historic Preservation Office will notified to inspect the site.

**9. RECREATIONAL FACILITIES**

Construction of the bikeway extension will, in the long term, increase recreational usage of Kailua Beach Park. Construction in the park will inconvenience park users temporarily in localized areas. The Contractor will be required to minimize the use of the park for equipment and materials storage.

**B. LONG TERM IMPACTS**

**1. ECONOMIC**

There are no long term economic impacts as a result of this project.

**2. AIR QUALITY**

Ambient air quality will not be affected by this project.

**3. WATER QUALITY**

Water quality will not be affected by this project. All areas disturbed by construction will be grassed or replanted.

**4. TRAFFIC**

Construction of this project will not have a significant effect on automobile traffic in the Kailua. The construction work force is expected to be less than fifty (50). Extension of the bike route may encourage more cyclists to ride to Kailua Beach Park instead of driving their automobiles and thereby reduce the number of motor vehicles in the Kailua area.

**5. NOISE**

There will be no long term noise impact caused by this project.

**6. BIOLOGICAL**

Kailua is a highly developed area and does not contain any endangered species of flora or fauna. There will be no long term impacts caused by the proposed project.

**7. ARCHEOLOGICAL**

The project area does not contain any known archeological or historical site which will be disturbed by this project.

**8. RECREATIONAL USE**

This project may increase the recreational use of the area by providing paved bike paths on both sides of Kailua Road. Cyclists will be separated from automobile traffic which will provide a safer riding environment for bicycle riders.

**IV. ALTERNATIVES TO THE PROPOSED ACTION - NO PROJECT**

The only alternative to the project is no project. Should the project not be constructed, funds will be transferred to construct bikeway facilities in other communities in the City and County of Honolulu.

**V. AGENCIES AND PERSONS CONSULTED**

**1. Federal Government**

U. S. Army Corps of Engineers

U. S. Coast Guard

**2. State Government**

State Office of Planning

State Department of Land and Natural Resources, Commission on Water

Resource Management

Department of Transportation, Harbors Division

**3. County Government**

Department of Parks and Recreation

Board of Water Supply

Department of Transportation Services

Department of Public Works

Department of Wastewater Management

Department of Land Utilization

Mayor's Advisory Committee on Bicycling *New*

4. Private Organizations  
The Lanikai Community Association  
Hawaii Bicycling League  
Kailua Neighborhood Board No. 31

(new)

#### VI. DETERMINATION

After studying the project, completing an assessment of the potential environmental effects of the proposed project, and consulting with governmental and private parties, it has been determined that the resulting impacts of this project will not result in any significant long term adverse environmental impacts. Based on these findings, it is determined that this action does not require an Environmental Impact Statement under Chapter 343, HRS. Accordingly, this document constitutes a notice of Negative Declaration.

#### VII. REASONS FOR SUPPORTING THE DETERMINATION

Reasons supporting the Negative Declaration determination are based on findings that the project will not:

1. Involve an irretrievable 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 or goals expressed in Chapter 343, Hawaii Revised Statutes, any revisions thereof and amendments thereto, court decisions, or executive orders,
4. Substantially adversely affect the economic or social welfare of the State or community,
5. Substantially adversely affect public health,
6. Involve substantial degradation of environmental quality,
7. Detrimentally affect air, water or ambient noise levels,
8. Adversely affect rare, threatened, or endangered species, or its habitat,



**VIII. APPENDIX**

**COMMENTS BY CONSULTED PARTIES AND RESPONSES**

7E11/93-3921  
PC93-3.059



STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
220 SOUTH KING STREET  
FOURTH FLOOR  
HONOLULU, HAWAII 96813  
TELEPHONE 808-534-4185

September 28, 1993

Mr. Joseph Magaldi, Jr., Director  
Department of Transportation Services  
Honolulu Municipal Building, Fourth Floor  
Honolulu, Hawaii 96813

Attention: Thomas Baba

Dear Mr. Magaldi,

Subject: Kailua Area Bikeway System, Hahani Street to Kaneapeu Place

Thank you for the opportunity to review and comment on the subject document. When submitting the Final Environmental Assessment please include the following:

- 1) A revised Figure 1 reflecting the proposed bikeway route through Kailua Beach Park, rather than along Kaleheo Avenue. ✓
- 2) Clarification of which bikeway segments will be limited to one side of an existing street. ✓
- 3) A detailed description of the proposed route between the Kaelepu Stream Bridge and Kaneapeu Place. ✓

If you have any questions, please call Faith Caplan at 586-4185.

Sincerely,

Brian J.J. Choy  
Director

BC:fc

DEPARTMENT OF TRANSPORTATION SERVICES  
CITY AND COUNTY OF HONOLULU

PACIFIC PARK PLAZA  
711 KAPOLUNU BOULEVARD, SUITE 1200  
HONOLULU, HAWAII 96813



December 2, 1993

Mr. Brian J. J. Choy  
Director  
Office of Environmental Quality Control  
State of Hawaii  
220 South King Street, Fourth Floor  
Honolulu, Hawaii 96813

Dear Mr. Choy:

Subject: Environmental Assessment, Chapter 343, HRS  
(Special Management Area)  
Kailua Area Bikeway System  
Hahani Street to Kaneapeu Place  
KAILUA, OAHU, HAWAII

We appreciate your comments on the subject project. Your comments will be incorporated in the final Environmental Assessment.

Sincerely,

JOSEPH K. MAGALDI, JR.  
Director

cc: Kwock Associates, Inc.

JOSEPH MAGALDI, JR.  
DIRECTOR  
KARL BAPPAL  
DEPUTY DIRECTOR

DEPARTMENT OF PUBLIC WORKS  
**CITY AND COUNTY OF HONOLULU**  
 490 SOUTH KING STREET  
 HONOLULU, HAWAII 96813



FRANK P. FAH  
 DIRECTOR

97-08019

NOV 15 1993

FRANK P. FAH  
 DIRECTOR

ENV 93-209

October 1, 1993

**MEMORANDUM**

**TO:** MR. DONALD A. CLEGG, DIRECTOR  
 DEPARTMENT OF LAND UTILIZATION

**FROM:** C. MICHAEL STREET, DIRECTOR AND CHIEF ENGINEER

**SUBJECT:** ENVIRONMENTAL ASSESSMENT (EA)  
 KAILUA AREA BIKEWAY SYSTEM  
 TMS:4-2-1.4-3-10 & 11

We have reviewed the subject EA and have the following comments:

1. Provide typical bikeway section, including its relation with the sidewalk area and property line.
2. The existing pedestrian walkway should be widened wherever possible.
3. Along with existing pedestrian walkway, bikers will have to yield to pedestrians and people with disabilities.
4. For your information, there are drainlines and catch basins on Hahani Street, between Hamakua Drive and Kailua Road.
5. There is a concrete drop intake at the intersection of Aolua Street and Kailua Road.

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

*C. Michael Street*  
 C. MICHAEL STREET  
 Director and Chief Engineer

DEPARTMENT OF TRANSPORTATION SERVICES  
**CITY AND COUNTY OF HONOLULU**  
 PACIFIC FIREPLAZA  
 711 KEMERLING BOULEVARD, SUITE 1100  
 HONOLULU, HAWAII 96813



FRANK P. FAH  
 DIRECTOR

JOSEPH M. MAGALDI, JR.  
 DIRECTOR  
 AREA OFFICE  
 COUNTY OFFICE

December 2, 1993

**MEMORANDUM**

**TO:** C. MICHAEL STREET, DIRECTOR AND CHIEF ENGINEER  
 DEPARTMENT OF PUBLIC WORKS

**FROM:** JOSEPH M. MAGALDI, JR., DIRECTOR

**SUBJECT:** ENVIRONMENTAL ASSESSMENT, CHAPTER 343, HRS  
 (SPECIAL MANAGEMENT AREA)  
 KAILUA AREA BIKEWAY SYSTEM  
 HAHANI STREET TO KANEAPU PLACE  
 KAILUA, OAHU, HAWAII

We appreciate your comments on the subject project. A bikeway section will be included and your other comments will be addressed in the final Environmental Assessment.

*Joseph M. Magaldi, Jr.*  
 JOSEPH M. MAGALDI, JR.  
 DIRECTOR

cc: Kwok Associates, Inc.



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

SENT TO  
ATTENTION OF

Operations Division

Mr. Donald A. Clegg  
Director of Land Utilization  
City and County of Honolulu  
650 South King St  
Honolulu, HI 96813

Dear Mr. Clegg:

I await your submittal of the Department of the Army permit application for the Kailua Area Bikeway System as discussed in your environmental assessment for the project.

Michael V. Lee  
Chief, Operations Division

92-01974



DEPARTMENT OF TRANSPORTATION SERVICES  
CITY AND COUNTY OF HONOLULU

PACIFIC PAPER PLANT  
711 KAPALANOU BOULEVARD, SUITE 1200  
HONOLULU, HAWAII 96813



FRANK FISH  
DIRECTOR

JOSEPH M. MAGALDI, JR.  
DIRECTOR  
AMAR SINGH  
DEPUTY DIRECTOR

December 2, 1993

Mr. Michael Lee  
Chief  
Operations Division  
Honolulu District  
U.S. Army Corps of Engineers  
Fort Shafter, Hawaii 96858-5440

Dear Mr. Lee:

Chief, Operations Division

Subject: Environmental Assessment, Chapter 343, HRS  
(Special Management Area)  
Kailua Area Bikeway System  
Mahani Street to Kaneapu Place  
Kailua, Oahu, Hawaii

Thank you for reviewing the Draft Environmental Assessment. A Department of Army permit has been issued for this project.

Sincerely,

JOSEPH M. MAGALDI, JR.  
Director

cc: Kwock Associates, Inc.

BOARD OF WATER SUPPLY  
CITY AND COUNTY OF HONOLULU  
630 SOUTH BERTANHA STREET  
HONOLULU HAWAII 96813



October 14, 1993

99-08402

FRANK F. FASH, Mayor  
WALTER WATSON, Jr., Chairman  
WALTER A. HAGA, Vice Chairman  
STEVE W. GARDNER, At-Large  
JOHN W. JACKSON, JR.  
RICH. SHAW  
MELISSA Y. HON  
C. MICHAEL STREET  
KAZU HAYASHIDA  
Manager and Chief Engineer

TO: DONALD A. CLEGG, DIRECTOR  
DEPARTMENT OF LAND UTILIZATION

FROM: *Kazu Hayashida*  
KAZU HAYASHIDA, MANAGER AND CHIEF ENGINEER  
BOARD OF WATER SUPPLY

SUBJECT: YOUR MEMORANDUM OF SEPTEMBER 23, 1993 ON THE DRAFT ENVIRONMENTAL ASSESSMENT (DEA), SPECIAL MANAGEMENT AREA USE PERMIT, 93-SMA-044(DT), FOR THE KAILUA AREA BIKEWAY SYSTEM: HAHANI STREET TO KANEAPU PLACE, KAILUA, OAHU, TMK: 4-2-1: 4-3-10: AND 4-3-11

Thank you for the opportunity to review and comment on the DEA for the proposed bikeway system project.

We have no objections to the project. The construction plans should be submitted to our Engineering Branch for review and comment. This will minimize any potential impacts to our water system facilities in the area.

If you have any questions, please contact Roy Doi at 527-5235.

cc: Department of Transportation Services

DEPARTMENT OF TRANSPORTATION SERVICES  
CITY AND COUNTY OF HONOLULU  
211 KAPOLAHU BOULEVARD SUITE 1100  
HONOLULU HAWAII 96813



FRANK F. FASH  
Mayor

JOSEPH M. HAGALDI, JR.  
DIRECTOR  
BOARD OF WATER SUPPLY  
SECURITY BRANCH

December 2, 1993

MEMORANDUM

TO: KAZU HAYASHIDA, DIRECTOR AND CHIEF ENGINEER  
BOARD OF WATER SUPPLY

FROM: JOSEPH M. HAGALDI, JR., DIRECTOR

SUBJECT: ENVIRONMENTAL ASSESSMENT, CHAPTER 343, HRS (SPECIAL MANAGEMENT AREA) KAILUA AREA BIKEWAY SYSTEM HAHANI STREET TO KANEAPU PLACE KAILUA, OAHU, HAWAII

We appreciate your comments on the subject project. Construction plans for the bikeway have been approved by the Board of Water Supply.

*Joseph M. Hagaldi, Jr.*  
JOSEPH M. HAGALDI, JR.

cc: Kwock Associates, Inc.

COMMERCIAL  
CONTINUED FROM PAGE 1

11/9/93  
OFFICE OF LAND AND NATURAL RESOURCES  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DEPT. CHIEF OF STAFF  
DEPT. HEADQUARTERS



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

REF:OCEA:KCK  
P.O. BOX 611  
HONOLULU, HAWAII 96809

File No.: 94-221  
DOC. NO.: 3682

NOV 4 1993

The Honorable Donald A. Clegg, Director  
Department of Land Utilization  
City and County of Honolulu  
650 South King Street  
Honolulu, Hawaii 96813

Dear Mr. Clegg:

Subject: Environmental Assessment (EA) for a Special Management Area Use Permit (93/SMA-044); Kailua Area Bikeway System, Kailua, Oahu, HI; 4-2-01, 4-3-10, 4-3-11

We have reviewed the EA information for the proposed project transmitted by your letter dated September 23, 1993, and have the following comments:

Comments on Water Resource Management

The Commission on Water Resource Management's (CWRM) staff comments that the City and County of Honolulu, Department of Transportation Services has submitted a Stream Channel Alteration Permit (SCAP) application for this project. CWRM is deferring action on this application pending the approval of the subject S/A permit.

Division of Aquatic Resources

The Division of Aquatic Resources (DAR) comments that no significant long-term impacts to aquatic resources are expected provided that precautions are taken to prevent foreign and toxic materials from erosion and construction activities from entering or polluting the Kaelepele Stream or the adjacent ocean waters. DAR also comments that construction should be scheduled for the driest period of the year to minimize the potential adverse impacts from runoff and eroded soil entering the stream and ocean waters.

Mr. Clegg

- 2 -

File No.: 94-221

Historic Preservation Division

The Historic Preservation Division (HPD) comments that a review of their records shows that there are no known historic sites along the route of the proposed bikeway. The proposed bikeway, which will generally require less than a foot of excavation, will be constructed along side roads through developed areas, where it is unlikely that historic sites will be found. Therefore, HPD believes construction of the bikeway will have "no effect" on historic sites.

Unmarked human burials are sometimes found in the sandy soils of this part of Kailua. 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 587-0047.

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 the Office of Conservation and Environmental Affairs, at 587-0377, should you have any questions.

Very truly yours,

*Keith M. Haue*  
KEITH M. HAUE

93-08741

JOHN WAINNE  
DIRECTOR OF HEALTH



STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P. O. BOX 328  
HONOLULU, HAWAII 96811

JOHN C. LEWIN, M.D.  
DIRECTOR OF HEALTH

IN REPLY, PLEASE REFER TO:

October 11, 1993

93-276/epo

Mr. Donald A. Clegg, Director  
Department of Land Utilization  
City & County of Honolulu  
650 South King Street  
Honolulu, Hawaii 96813

Dear Mr. Clegg:

Subject: Environmental Assessment, Chapter 343, HRS (93/SWA-044)  
Project Name: Kailua Area Bikeway System  
Location: From Hahani Street to Kaneapu Place  
Kailua, Oahu  
Request: Special Management Area Use Permit (SMP)  
Tax Map Key: 4-2-1, 4-3-10 and 4-3-11

Thank you for allowing us to review and comment on the subject project. We feel that this is a worthwhile project and have no environmental concerns at this time.

Very truly yours,

*John C. Lewin*  
JOHN C. LEWIN, M.D.  
Director of Health

DEPARTMENT OF TRANSPORTATION SERVICES  
CITY AND COUNTY OF HONOLULU

PACIFIC PAPER PLANT  
711 KILIMOLANI BOULEVARD, SUITE 1200  
HONOLULU, HAWAII 96813



FRANK E. KAM  
DIRECTOR

JOSEPH H. MAGALDI, JR.  
DIRECTOR  
AMERICAN  
SPECIAL DISTRICT

December 2, 1993

Mr. Keith W. Ahue  
Chairperson  
Board of Land and Natural Resources  
State of Hawaii  
P.O. Box 621  
Honolulu, Hawaii 96809

Dear Mr. Ahue:

Subject: Environmental Assessment, Chapter 343, HRS  
(Special Management Area)  
Kailua Area Bikeway System  
Hahani Street to Kaneapu Place  
Kailua, Oahu, Hawaii

We appreciate your comments on the subject project.

The Special Management Area permit for this project is being processed, and a copy of the permit will be forwarded to your department.

It is expected that construction of the bike-way bridge and construction in Kailua Beach Park and the area near Kaelepulu Stream should occur in the summer of 1994, the drier months of the year. All areas exposed by construction will be grassed as soon as practicable to minimize erosion.

Comments regarding historic sites will be incorporated in the construction documents.

Sincerely,

*Joseph H. Magaldi, Jr.*  
JOSEPH H. MAGALDI, JR.  
DIRECTOR

cc: Kwock Associates, Inc.

92-08549

DEPARTMENT OF PARKS AND RECREATION  
CITY AND COUNTY OF HONOLULU

630 SOUTH KING STREET  
HONOLULU HAWAII 96813



FRANK PASK  
01000

October 21, 1993

TO: DONALD A. CLEGG, DIRECTOR  
DEPARTMENT OF LAND UTILIZATION

FROM: WALTER M. OZAMA, DIRECTOR

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR  
KAILUA AREA BIKEWAY SYSTEM  
93/SMA-044 (DT)

We welcome this proposed bikeway system as we anticipate it will have a strong, positive impact on recreational activities in Kailua.

Thank you for the opportunity to review this environmental assessment.

If you have questions about our review, please contact Bob Bavacqua of our Advance Planning Branch at extension 6316.

*Walter M. Ozama*  
For WALTER M. OZAMA, Director

WHO:el

DEPARTMENT OF TRANSPORTATION SERVICES  
CITY AND COUNTY OF HONOLULU

HONOLULU, HAWAII, INCORPORATED  
375 SOUTH KING STREET  
HONOLULU HAWAII 96813



FRANK PASK  
01000

JOSEPH M. MAGALDI, JR.  
DIRECTOR  
375 SOUTH KING STREET  
HONOLULU HAWAII 96813

TE-3731  
PL93.3.055

October 25, 1993

Mr. Edison C. Y. Kwock  
Kwock Associates, Inc.  
Consultant Engineers  
1100 Ward Avenue, Suite 920  
Honolulu, Hawaii 96814

Dear Mr. Kwock:

Subject: Kailua Area Bikeway System  
Draft Environmental Assessment

We have reviewed the draft environmental assessment for the Kailua Area Bikeway System and have no objections or comments. Should you have any questions, please contact Thomas Baba of my staff at 527-5009.

Sincerely,

*Joseph M. Magaldi, Jr.*  
JOSEPH M. MAGALDI, JR.  
Director

RECEIVED  
OCT 23 1993  
KWOCK ASSOCIATES, INC.