

1993-09-23-0A-PEA- Ke Ala Pupukea Bikeway

SEP 23 1993

FINAL
ENVIRONMENTAL ASSESSMENT
FOR
KE ALA PUPUKEA BIKEWAY

A MASTER PLANNED BIKEWAY AND

PEDESTRIAN PATHWAY

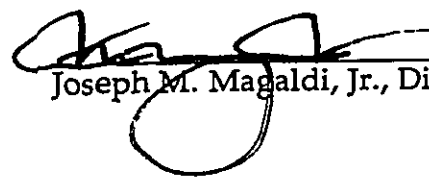
KAMEHAMEHA HIGHWAY

WAIMEA BAY TO WAIALE'E

BY

THE DEPARTMENT OF TRANSPORTATION SERVICES

CITY & COUNTY OF HONOLULU


Joseph M. Magaldi, Jr., Director

9/7/93
Date:

PREPARED BY

ENGINEERS SURVEYORS HAWAII, INC.

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I. SUMMARY

CHAPTER 343, HRS
ENVIRONMENTAL ASSESSMENT (EA)

Action: Agency

Project Name: Ke Ala Pupukea Pedestrian Pathway and Bikeway

Project Description: The proposed project involves the design and construction of approximately 3.5 miles of improved pedestrian paths and bikeways makai of Kamehameha Highway. These pathways will be placed on existing paths through parks, along existing frontage roads, and across bridges that will span stream beds along the alignment. Wherever possible, the alignment will be at a minimum of 40' makai of Kamehameha Highway, except when it is on the Highway shoulder areas.

Project Location: The project begins at the first residential units of Waimea, and end before the University of Hawaii Waiale'e Livestock Research Farm. (See Figure 1)

Tax Map Key: 5-9-1, 2, 3, 4, 19, 20

Area: Approximately 3.5 miles

State Land Use Designation: Urban

County Zoning Designation: Public Facilities, Residential, Park

Landowner: City and County of Honolulu; State of Hawaii

Agent: Engineers Surveyors, Hawaii, Inc.
1020 Auahi Street, Building 6, Suite 1
Honolulu, HI 96814

II. PROJECT DESCRIPTION

A. Technical Characteristics

1. The Department of Transportation Services is planning and designing a bike/pedestrian pathway system along the makai boundaries of Kamehameha Highway. *All proposed improvements will be placed on existing City owned streets or State highway Rights-of-Way. (See Figure 2)* The paths will be approximately 10' wide without shoulders, sufficient to accommodate a 2 lane bikeway and a pedestrian pathway. The limited construction portion will be path surfaces using asphaltic concrete on base course graded to final grade (1 - 4%) equal to streets and highway gradients. *Approximately 2000 cubic yards of material will be excavated along the 3.5 mile long alignment. It is estimated that approximately 400 cubic yards of embankment or Fill material will be used to stabilize the profile cut out for the Bikeway alignment.* The proposed pathways will be striped and appropriate street signage installed to clearly delineate the planned usage from vehicular traffic.
A second drain crossing will consist of extending the existing culvert. A third crossing involves widening an existing foot bridge to accommodate the bikeway. (No piers or obstructions within the stream area will be affected.) Note: All italicized material differs from the Preliminary Environmental Assessment reviewed for pre-agency comments last May-June, 1992. The revisions are a reflection of the concerns expressed by agencies and individuals during the 1992 Preliminary Review.

B. Social and Economic Characteristics

1. Historically, the Sunset Beach Community Association has pursued the pedestrian path/ bikeway concept for several years. The broad community wide support demonstrated by the over 2700 signatures on petitions submitted to Governor Waihee and Mayor Fasi indicates the serious nature of the petition signers. Many of these Sunset Beach residents are parents who want to have a safe pathway for their school age children to get to and from Sunset Beach Elementary School and the Sunset

Beach Christian School. In the past two years, there have been eight traffic related accidents along Kamehameha Highway involving school age children. Mud, standing water, and parked cars often force pedestrians out into traffic lanes, placing them at risk. The following concept plan description is taken from the Sunset Beach Community Association documentation submitted to the State and the City & County of Honolulu for the Ke Ala Pupukea pedestrian / Bikeway plan.

" Ke Ala Pupukea is a concept and plan to integrate the Sunset Beach area's Beach Parks, Beach Accesses, and Public Facilities with a community path which:

- * runs makai and off Kamehameha Highway from Waimea Bay to the planned Waiale'e Beach Park;
- * uses existing public roads and Rights-of-Way.(Ke Iki, Ke Waena, Ke Nui, Hoalua) and existing beach parks and beach accesses;
- * will be linked by pedestrian/bicycle bridges and paths where gaps exist;
- * will provide a much safer pathway for walking, jogging, and biking between homes, schools, parks, and beach areas;
- * will connect the world's best and most famous surfing sites Waimea Bay, Banzai Pipeline, and Sunset Beach;
- * will connect the popular surfing and windsurfing sites on the North Shore including Rock Piles, Off-the-Walls, Ehukai, Pupukea, Gas Chambers, Rocky Point, Kammieland, Sunset Point, Backyards, and Velzeyland;
- * will connect the popular Beach Parks at Waimea, Three Tables, Shark's Cove, Banzai Rock, Ehukai, Sunset, and the proposed Waiale'e Beach Park;
- * and has broad community support as demonstrated by over 2700 signatures submitted to Governor Waihee and Mayor Fasi."

2. Funding for this proposal has been established from both the State of Hawaii and the City & County of Honolulu, with the City's funds to be used for paving of the public roads. The State's funds will be used for the design and construction of the culvert extension and pathway. This will complete the first three Plus miles of this pedestrian/bikeway path, and provide a convenient and safe off-highway path for adults and school age children.

C. Environmental Characteristics

A. Project Location

The proposed project alignment will be placed within an existing 40' Railroad Right-of-Way or if terrain does not permit, the pathway will be placed on the makai shoulder of Kamehameha Highway. (See Figure 2) There will also be an extension of an existing drain culvert. The terrain features of the proposed alignment are level and have been improved for the existing public roads. As described earlier, the pathway alignment will not consist of major construction work, but there will be necessary grading prior to the actual asphaltic concrete paving. *All grading work shall be done in accordance with applicable County and State standards. Mitigative measures will be implemented during construction to alleviate any impacts to the Coastal Zone.*

There will be impacts to the ambient air and noise standards due to the project, but these will not be considered significant, and with proper planning, impacts to the affected residents and the traffic patterns on Kamehameha Highway can be mitigated adequately.

B. Geographical Characteristics

1. Topography

The 3.5 mile alignment is located on existing public roads that have been paved and in use for many years. The slope follows the existing terrain features and above the steep incline at the project start point, there is an incline of 5%, which levels off to an average of 3% .

2. Soils

The predominant soil type on the alignment is identified by the "Soil Survey of Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii" U.S. Department of Agriculture, Soil Conservation Service, August, 1972" as Waialua Silty Clay, WkA, 0-3% slopes - "This soil is on smooth coastal plains, and is used for sugarcane, truck crops, orchards, and pasture. Natural vegetation is swollen fingergrass, haole koa, and uhaloa. Annual rainfall is 25-50" and most of it occurs between November and April.

C. Hydrological Characteristics

1. Drainage

The proposed improvements will utilize existing drainage patterns, i.e. those release points that move in a makai direction via existing drainage stream beds. Percolation will also provide relief due to the well drained soils description of the prevailing soil types. Surface runoff is not anticipated to become a significant factor. *The impacts if any, will be temporary or short term, and are also limited in total area and quantity of material.*

2. Flood Insurance Study Designation

Portions of the proposed alignment is located in Zone AE (Base Flood Elevations determined) , and Zone VE Coastal Flood with velocity hazard , (wave action); base flood elevations determined. " Community Panel Number 150001 0005B of Flood Insurance Rate Map (FIRM) National Flood Insurance Program, September 4, 1987.(See Figure 4)

D. Biological Characteristics

1. Flora and Fauna

The Project alignment is not considered a protected or endangered habitat for indigenous species of flora or fauna. This is due to improved, urbanized setting of the alignment for public roads, and residential community uses. The adjacent stream beds are primarily dry, with flows limited to rain and surface runoff draining to the ocean.

E. Historical and Archaeological Characteristics

1. The long term urban use of the proposed alignment precludes the existence of archaeological or historic remains. During construction, the general contractor will be required to halt work and advise the State Historic Division, Department of Land and Natural Resources of any sites uncovered during construction.

F. Coastal Views

Impacts on the Coastal zone view perspective will for the most part, be uninterrupted. There will be no structural intrusion on the view plane in a makai direction. The balance of the alignment is on existing frontage roads and the residential developments makai of the pedestrian/bikeway paths preclude any visual impacts from this proposed project.

III. SUMMARY OF MAJOR IMPACTS AND MITIGATIVE MEASURES

A. Impacts

Impacts due to the implementation of the proposed project can be viewed in two areas - short and long term. Short term impacts, beneficial and adverse, generally result from construction related activities. These are consequently, of short duration and are limited to the actual construction phase of improvements to the site, i.e. onsite and structural. Long term impacts, beneficial and adverse, result from the implementation and operation of the proposed project. Topographic alterations will result from the minimal grading prior to the actual paving of the pathways. *A total of approximately 2000 cubic yards of existing material will be excavated along the total 3.5 mile long alignment at the various locations requiring improvement. Approximately 400 cubic yards of Embankment or Fill material will be placed where necessary to stabilize the profile outline .* Impacts to onsite flora and fauna is not considered significant since the existing conditions are urbanized and the predominant species are for the most part, exotic or introduced species. Previous disturbances to install the public roads have precluded the existence of historic or archaeologically significant sites. No significant impacts attributable to this project are anticipated. Typical construction impacts will result but these impacts will be mitigated to the extent required by applicable building code ordinances, as well as by good housekeeping procedures. In the event that archaeological sites are uncovered during the construction phase, all work will be stopped and the Historic Sites Division of the State Department of Land and Natural Resources will be contacted to study and determine the find's quality.

IV. ALTERNATIVES CONSIDERED

1. Proposed Use

The Sunset Beach Community Association has patiently waited for the planned improvements and the dual benefits to both the SBCA and the community at large have met with State and City government approval.

2. "No Action"

The Do Nothing or No Action alternative was also considered, but the proposed use was selected on the basis that the City's increasing population density and resulting traffic was impacting the North Shore communities and traffic patterns adversely to the point that a positive solution was necessary.

V. FUNDING AND PHASING

This project is planned to be built in one continuous phase, with work to commence at the Waimea Bay end of the alignment. Estimated time and cost for the total project is eight months, and a total cost of one million dollars. Work has commenced on the design and permit review and approval process, and actual construction will commence in the second quarter of 1994 after all government permits have been obtained.

VI. DETERMINATION, FINDINGS, AND REASONS SUPPORTING THE DETERMINATION

After completing an assessment of the potential environmental effects of the proposed project, and consulting with other government agencies, it has been determined that an Environmental Impact Statement (EIS) is not required. Therefore, this document constitutes a Notice of Negative Declaration.

Reasons supporting the Negative Declaration determination are as follows, using as the criteria, the policy, guideline and provisions of Chapters 342, 343, and 344, Hawaii Revised Statutes (HRS).

1. The proposed action will not adversely affect the physical and social environment. There will be temporary, short term impacts to the ambient Noise and Air quality standards during the construction phase, but these will be mitigated through working with the contractor and adhering to applicable building code standards of operation of heavy equipment.
2. No residences or businesses will be displaced by the proposed alignment. All work will take place within existing public roads and State Highway rights-of-way.
3. There are no known endangered animal or plant species along the proposed alignment.
4. There are no known natural, historic, or archaeological sites within the proposed project alignment. If during the construction phase, sites are discovered, work is to be halted and the State Historic Preservation Division, Department of Land and Natural Resources advised for their review and advice.
5. The Project is compatible with the Development Plan Land Use map and the Public Facilities map for Oahu.
6. There are no secondary adverse effects on future development, population and public facilities.
7. This Notice of Negative Declaration shall serve to meet the requirements of Chapter 343, HRS.

VII. LIST OF AGENCIES CONSULTED DURING THE
PREPARATION OF THE ENVIRONMENTAL ASSESSMENT.

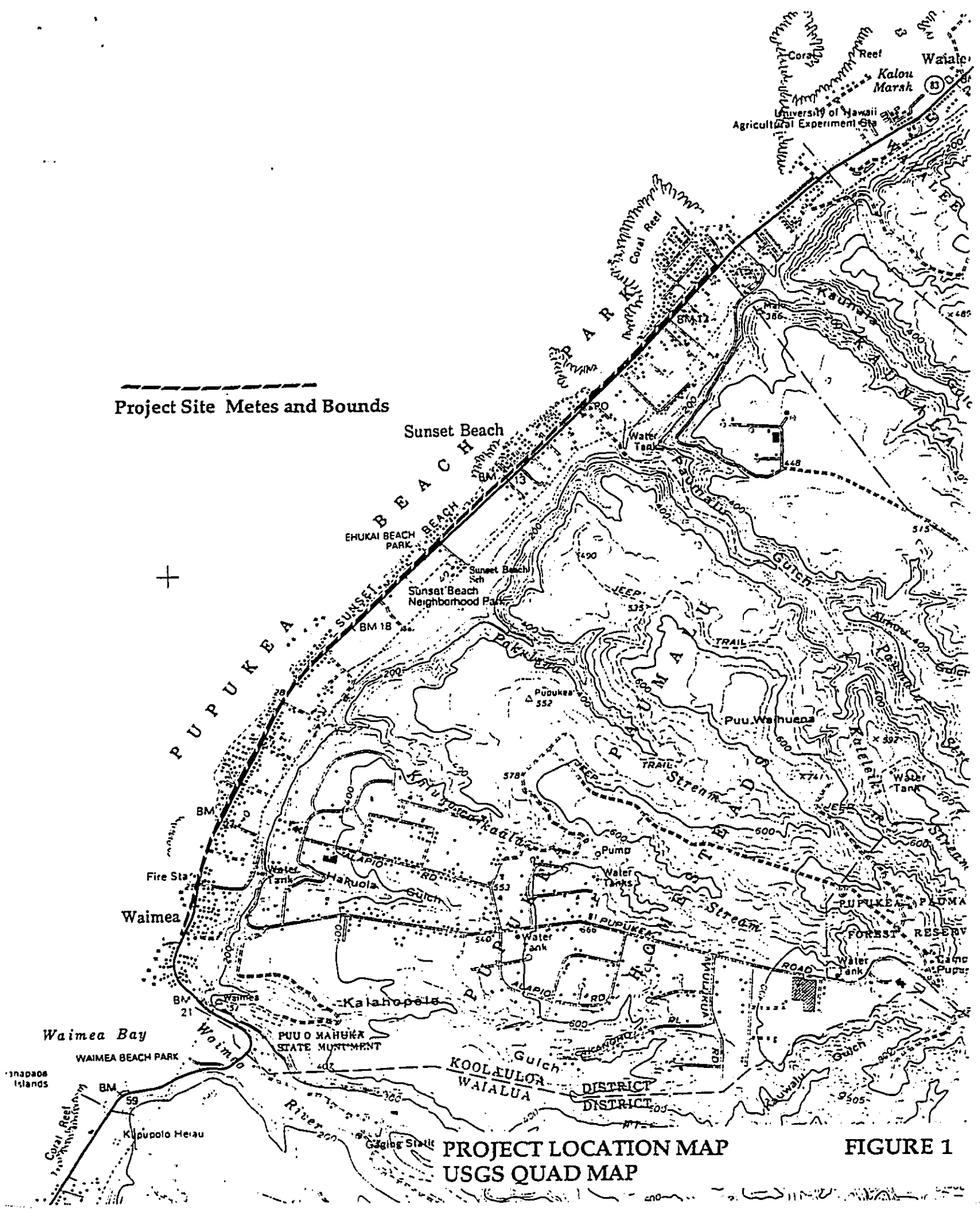
ORGANIZATIONS AND AGENCIES

<u>Agency</u>	<u>Date of Consultation</u>	<u>Date Comment Received</u>
<u>Federal</u>		
U.S. Army Corps of Engineers	5-7-92	6-12-92
U.S. Department of Interior Fish & Wildlife Service	5-7-92	
<u>State of Hawaii</u>		
Department of Land and Natural Resources	5-7-92	6-15-92
Department of Health Environmental Management	5-7-92	6-1-92
Department of Transportation Highways Division	5-7-92	6-4-92
<u>City & County of Honolulu</u>		
Department of Land Utilization Environmental Affairs Branch	5-7-92	6-2-92
Department of Transportation Services	5-7-92	5-29-92
Department of General Planning	5-7-92	6-4-92
Department of Public Works	5-7-92	5-29-92
North Shore Neighborhood Board No. 27 Attn: Jimmy Awai	5-7-92	
Sunset Beach Community Assn Mr. Lucky Cole, President P.O. Box 471 Haleiwa, HI 96712	5-7-92	5-26-92

VIII. LIST OF PREPARERS

Engineers Surveyors, Hawaii, Inc.
Project Management, Civil Engineering

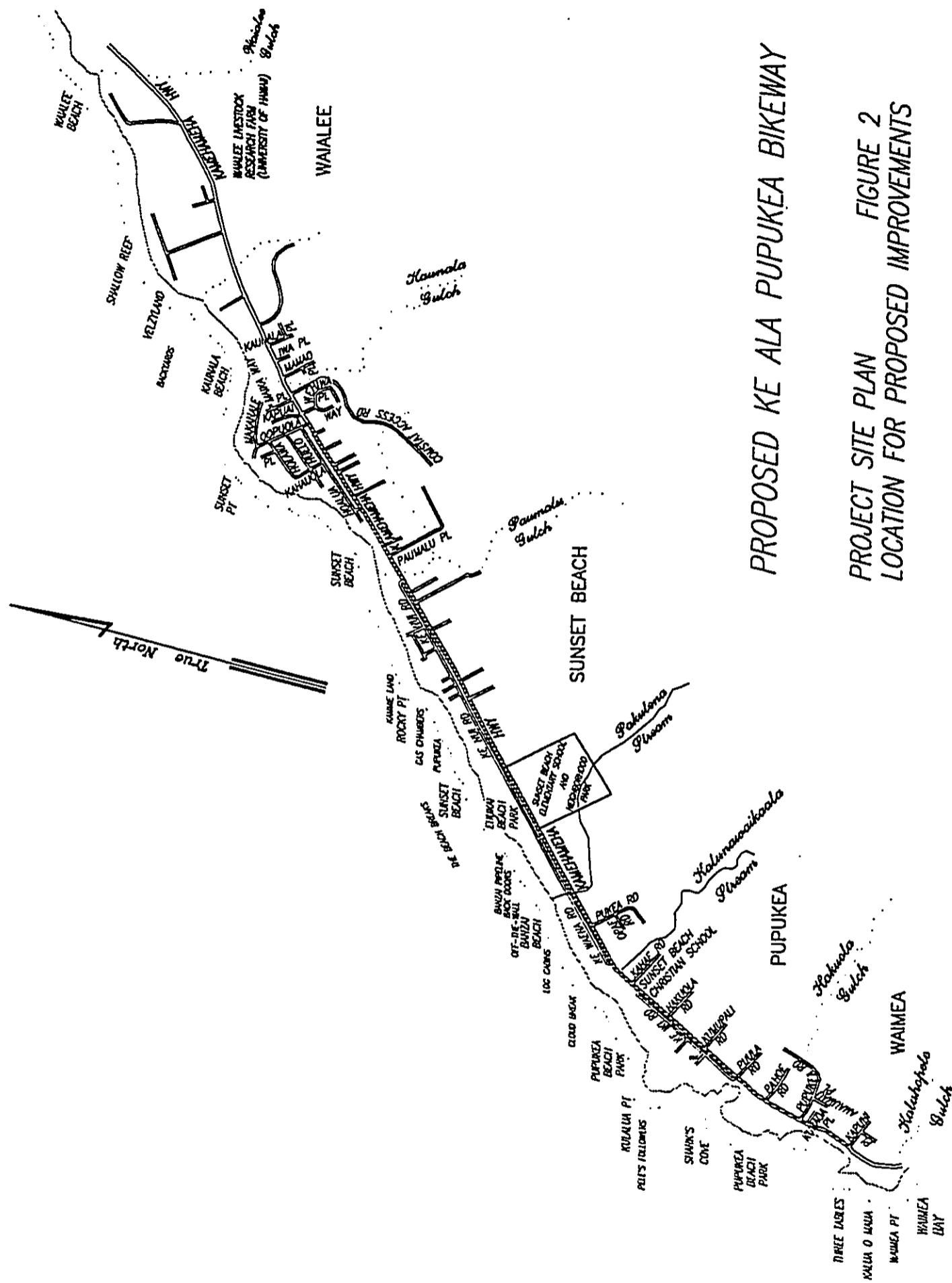
Thomas Lum & Associates, Inc.
Structural Design



Project Site Metes and Bounds

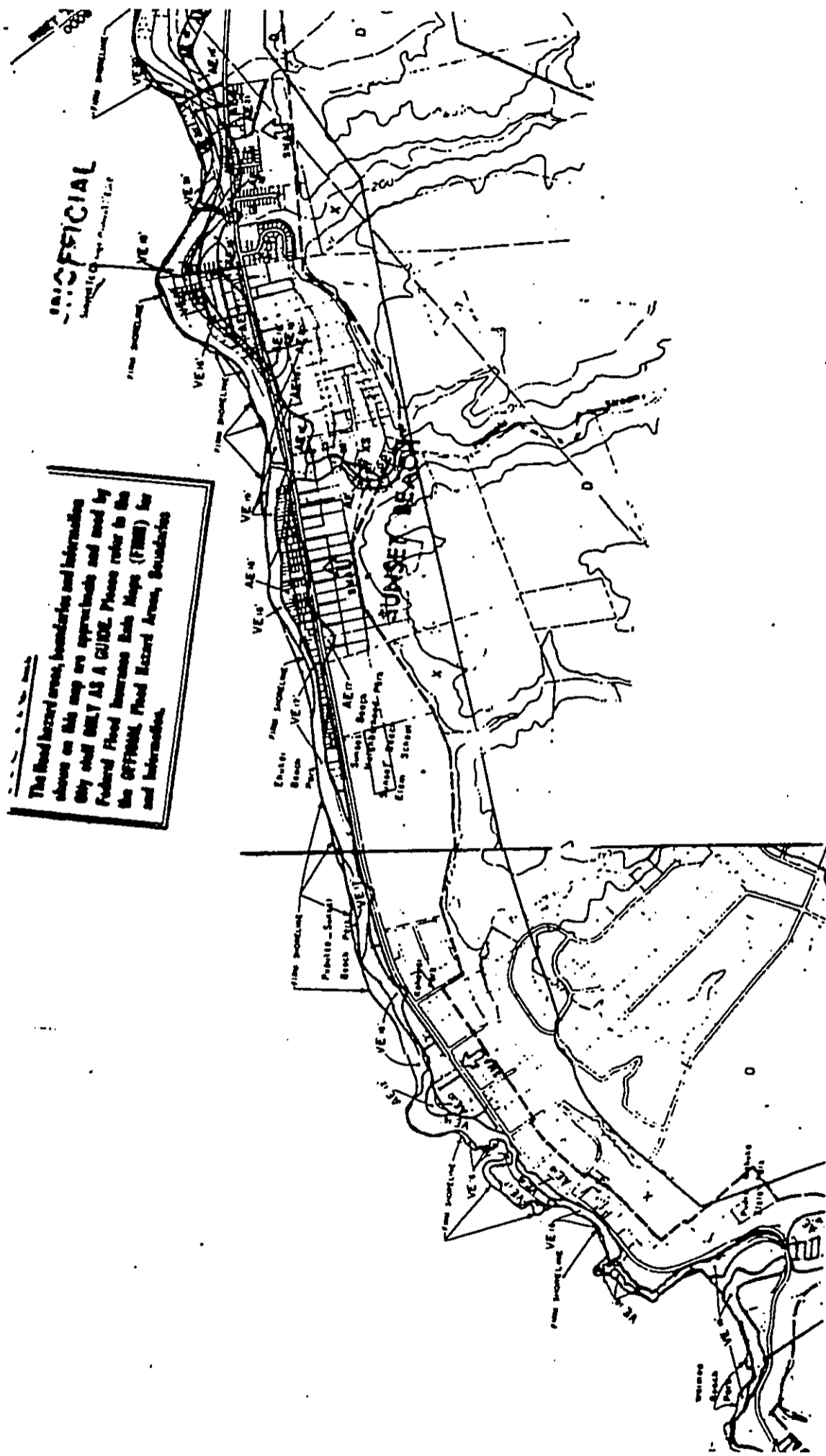
PROJECT LOCATION MAP
USGS QUAD MAP

FIGURE 1



PROPOSED KE ALA PUPUKEA BIKEWAY

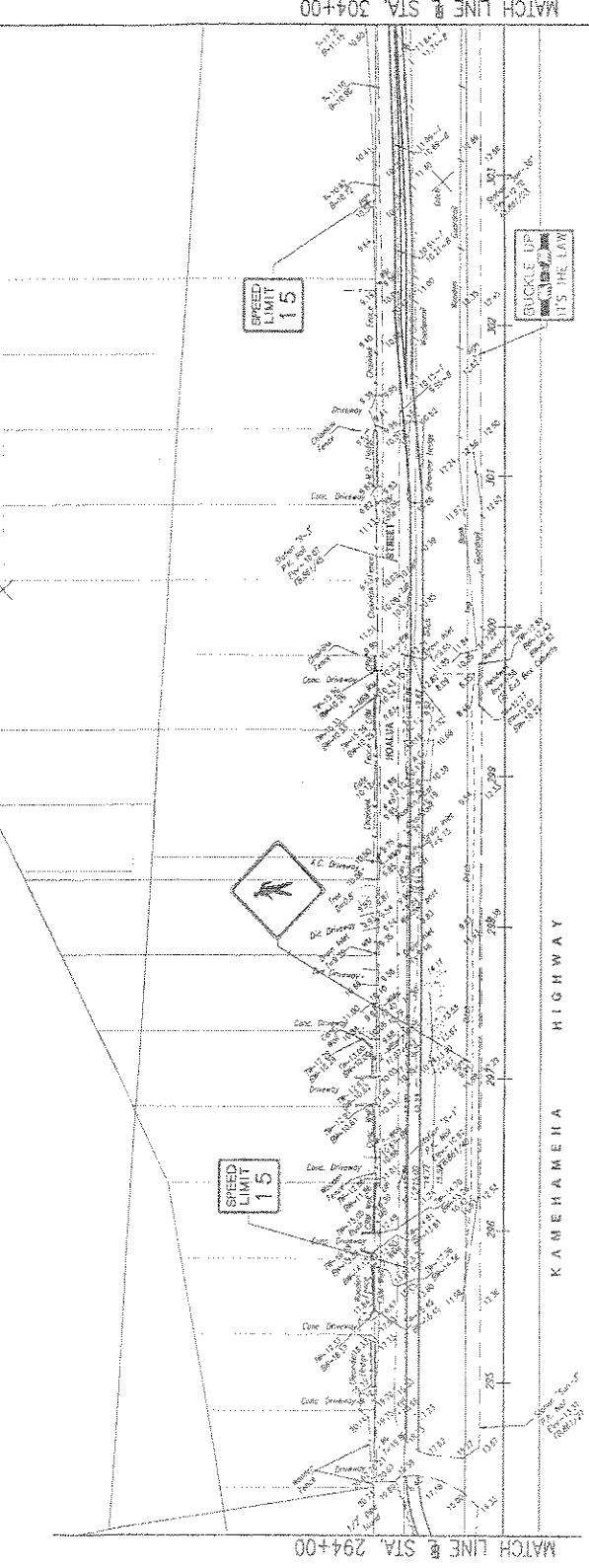
PROJECT SITE PLAN FIGURE 2
 LOCATION FOR PROPOSED IMPROVEMENTS



SMA and Flood Hazard Boundary Area Designations

Figure 3

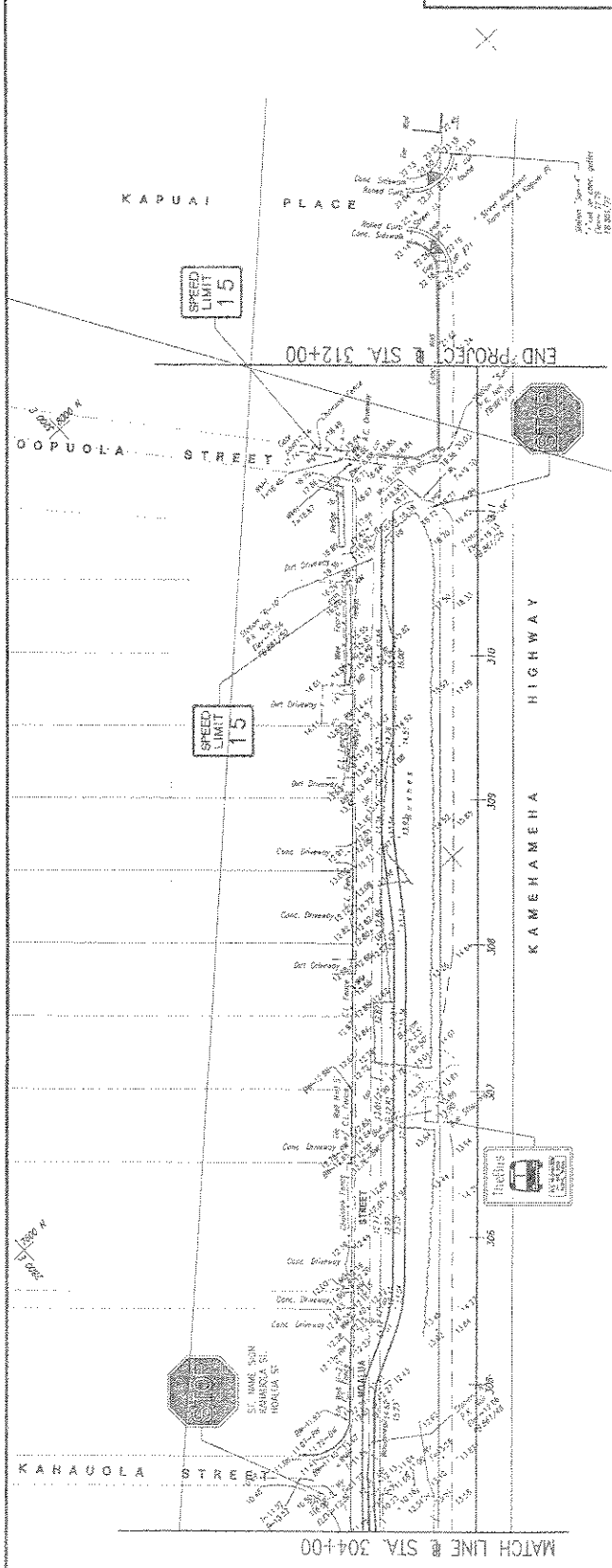
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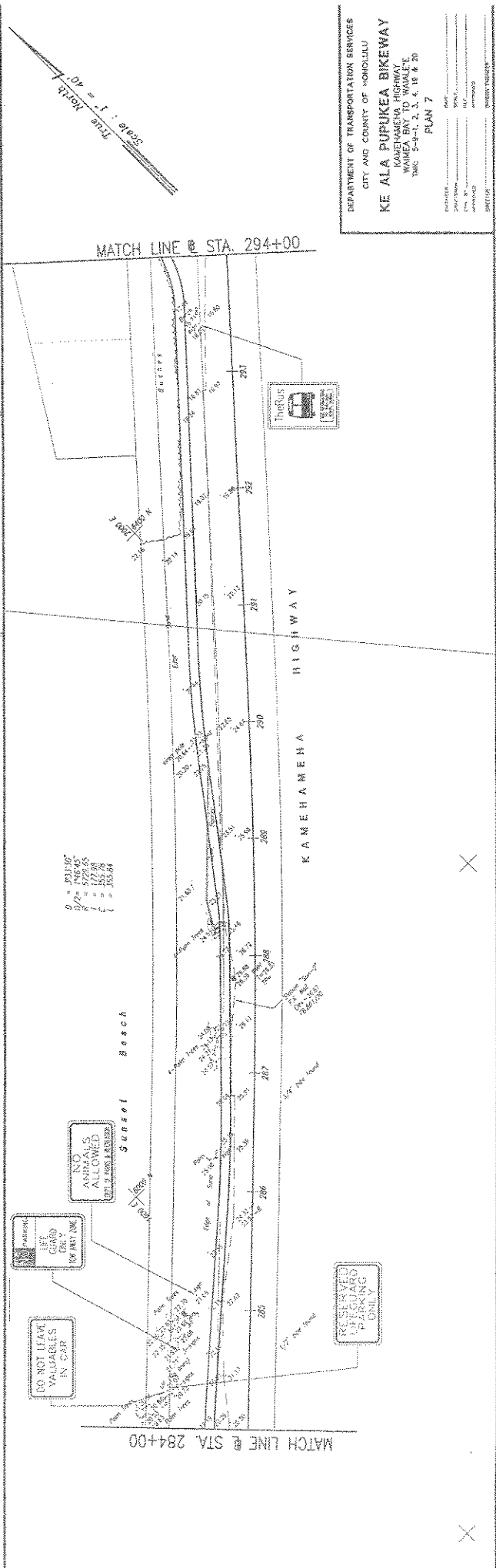
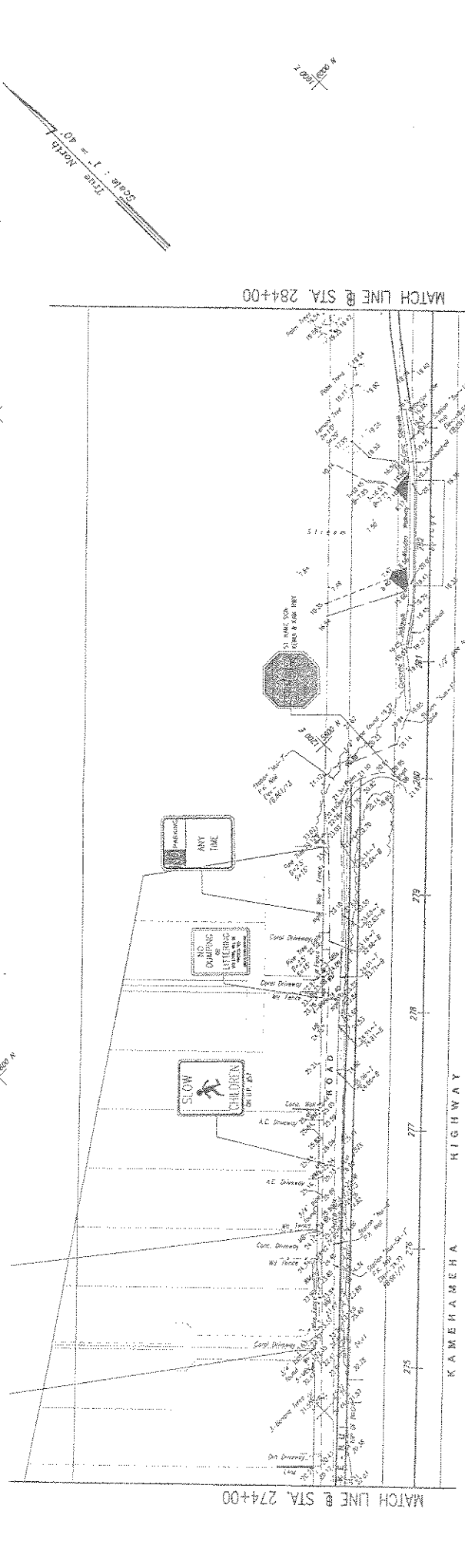
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DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU

KE ALA PUPUKEA BIKEWAY
KAMEHAMEHA HIGHWAY
PROJECT NO. 2011-01-001
SHEETS 1, 2, 3, 4, 10 & 20
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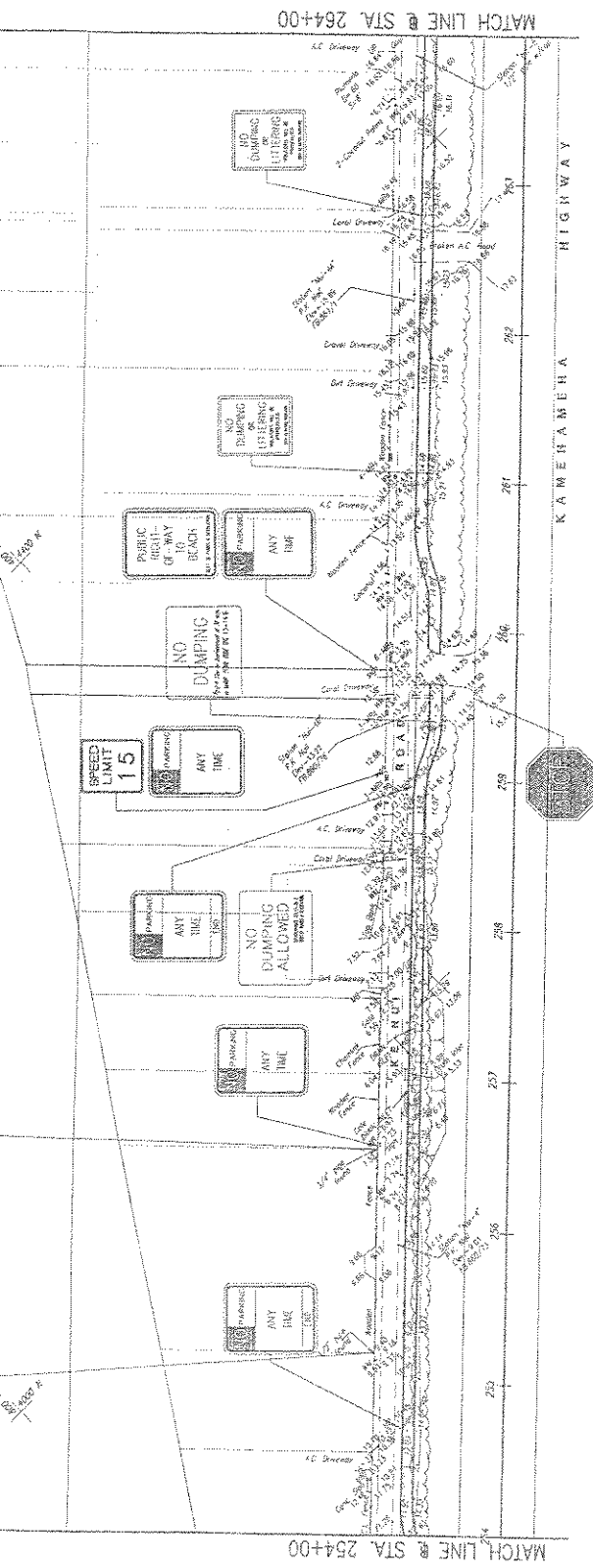
DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU

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WAIHEA BAY TO WAIALEA
TRAC 5-9-1, 2, 3, 4, 18 & 20
PLAN 7

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APPROVED BY: _____
DIRECTOR: _____

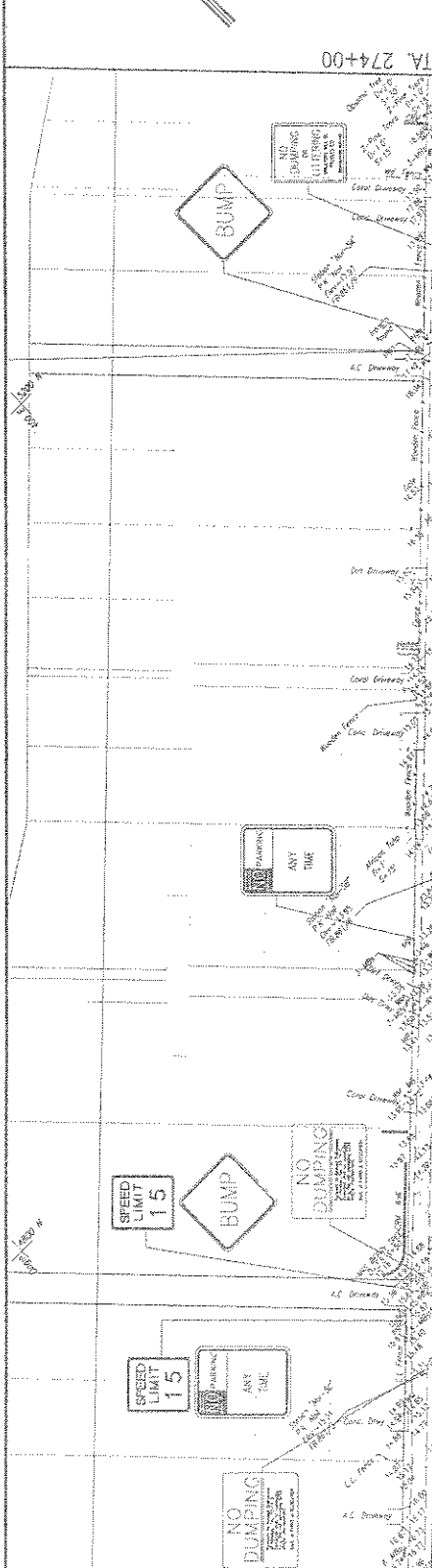
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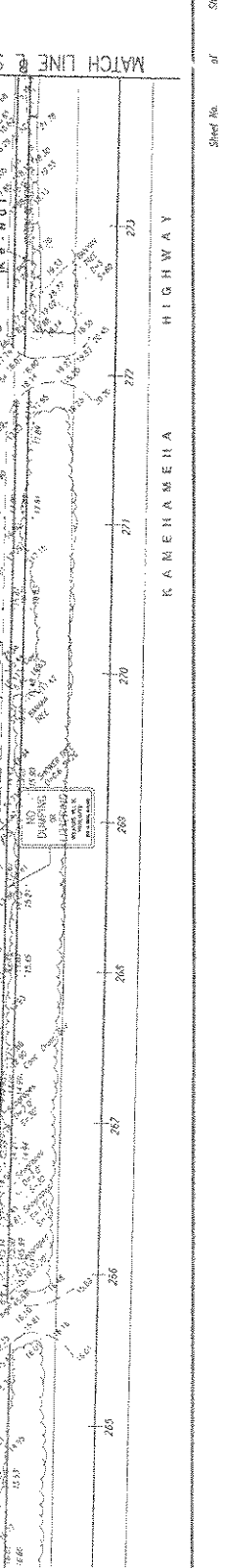
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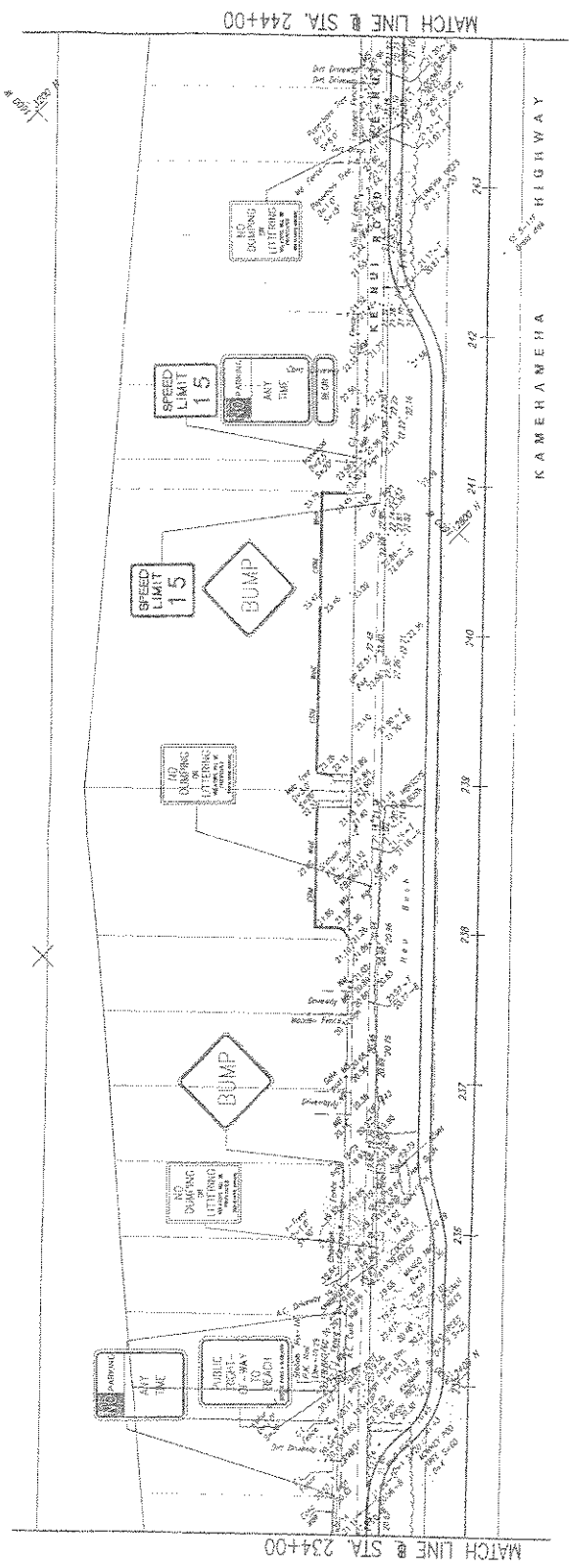
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CITY AND COUNTY OF HONOLULU
KE ALA PUIKEA BIKEWAY
KAMEHAMEHA HIGHWAY
WORKSHEET NUMBER: C
TRAC: 5-8-01, 3, 3, 4, 18 & 20
PLAN 6

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BY: _____
APPROVED: _____
SECTION: _____



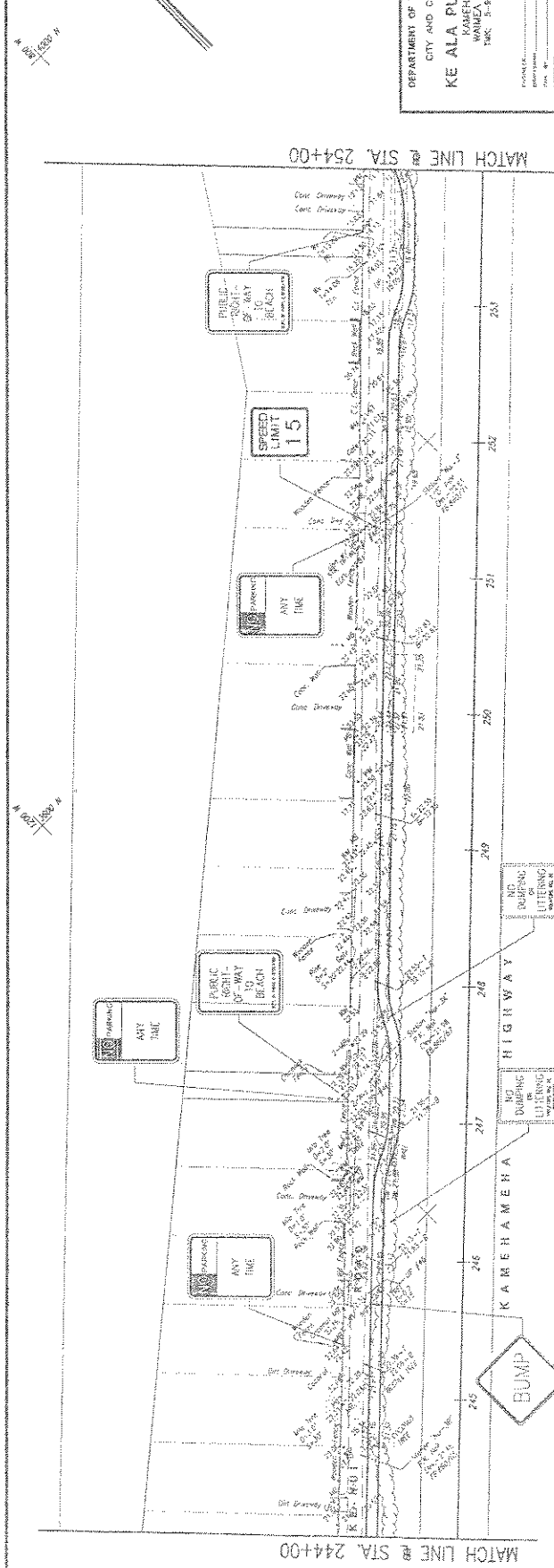
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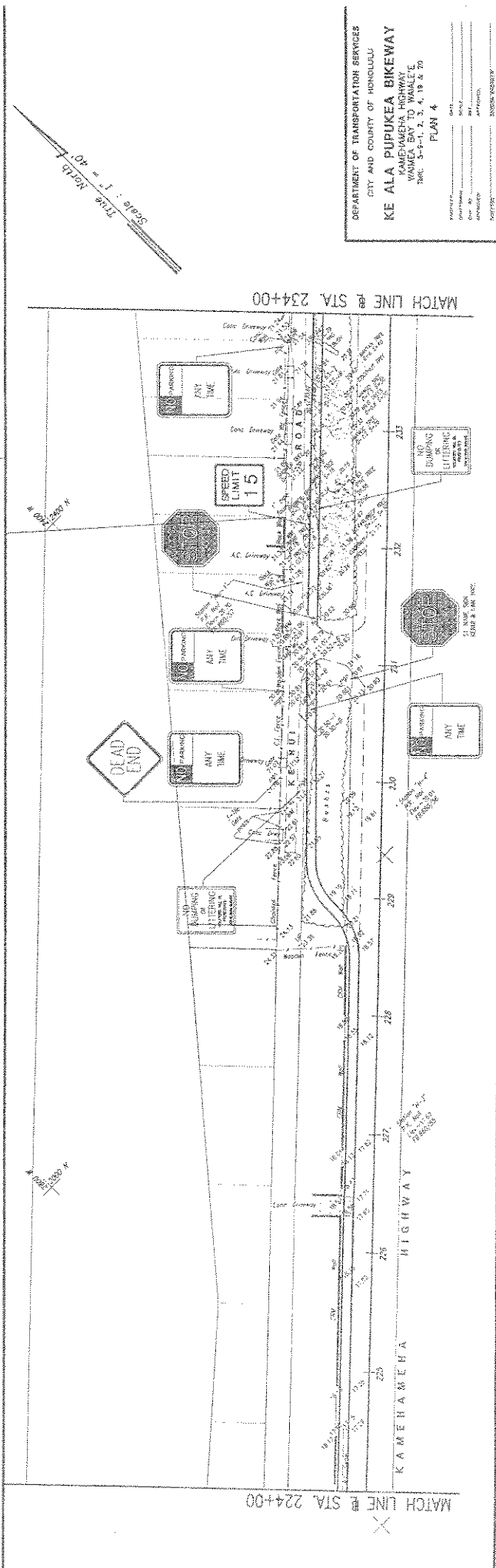
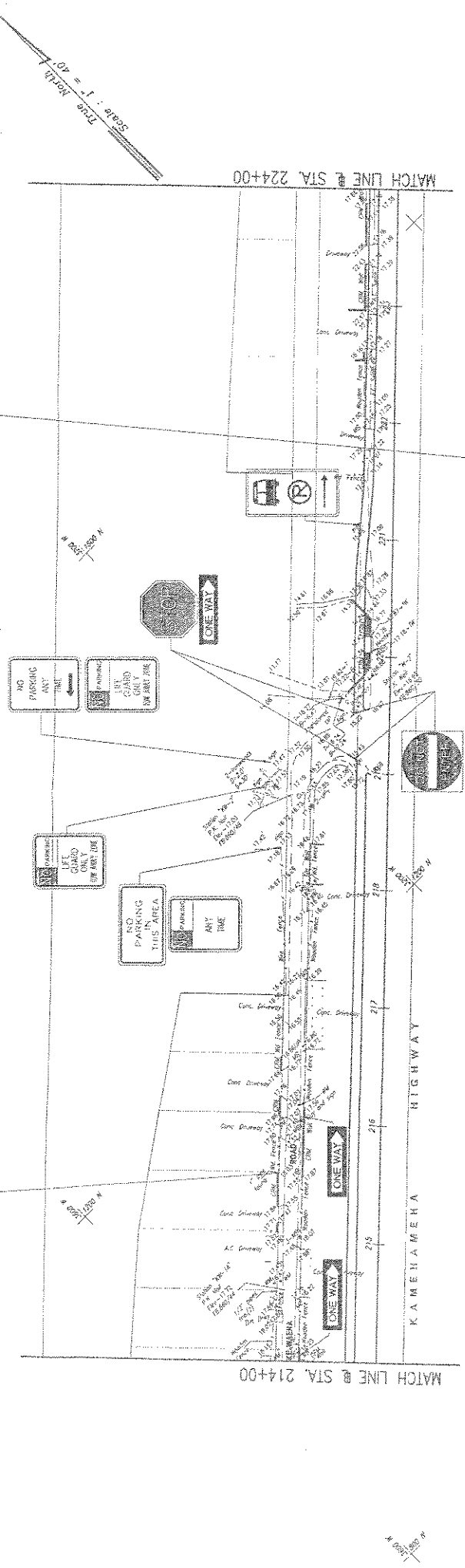


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DEPARTMENT OF TRANSPORTATION SERVICES
 CITY AND COUNTY OF HONOLULU
KE ALA PUPUIKEA BIKEWAY
 KAMEHAMEHA HIGHWAY
 KAMALEA BAY TO WAIALAE
 TRS: 2, 3, 4, 5, 6, 7, 8, 9, 10 & 20
 PLAN 5

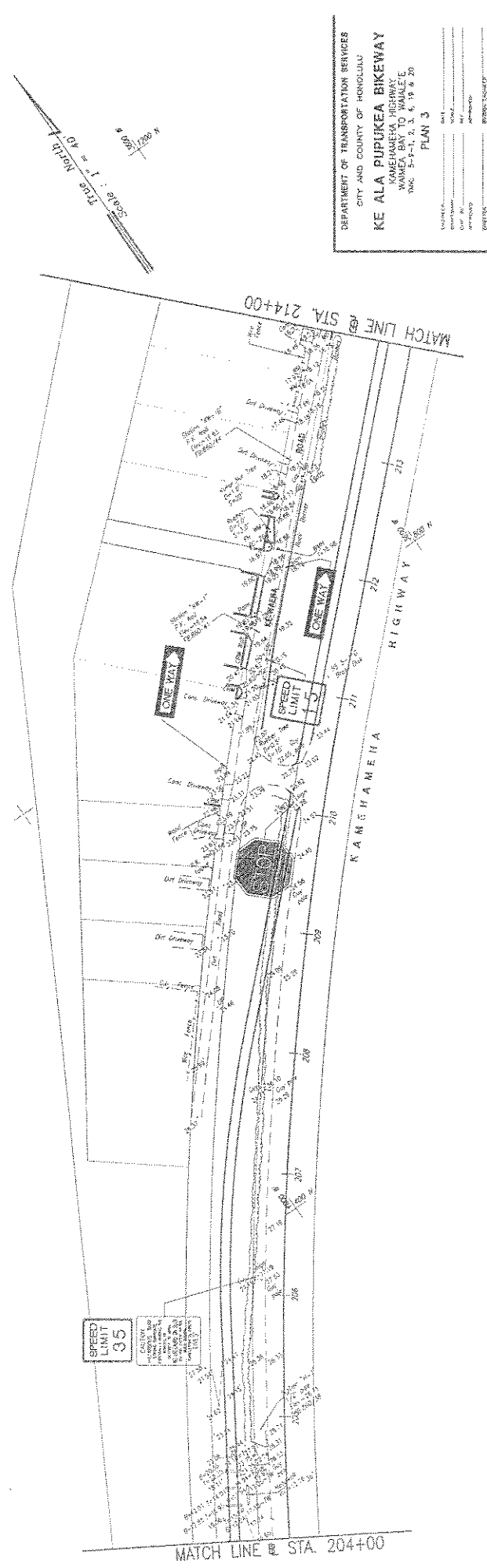
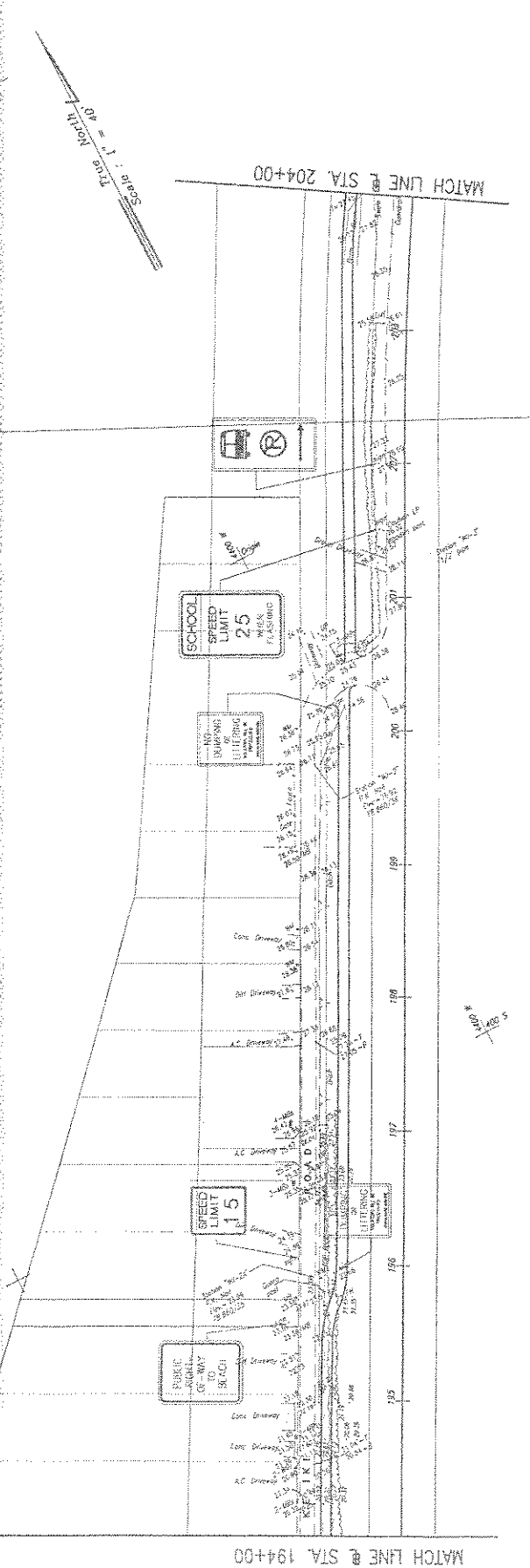
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DEPARTMENT OF TRANSPORTATION SERVICES
 CITY AND COUNTY OF HONOLULU
KE ALA PUPUKEA BIKEWAY
 KAMEHAMEHA HIGHWAY
 KAILUA, HI TO MAILE, HI
 SHEET 3 OF 4
 DATE: 11/18/20
 PROJECT: 150-0000
 DRAWING NO.: 150-0000-001
 PLAN 4

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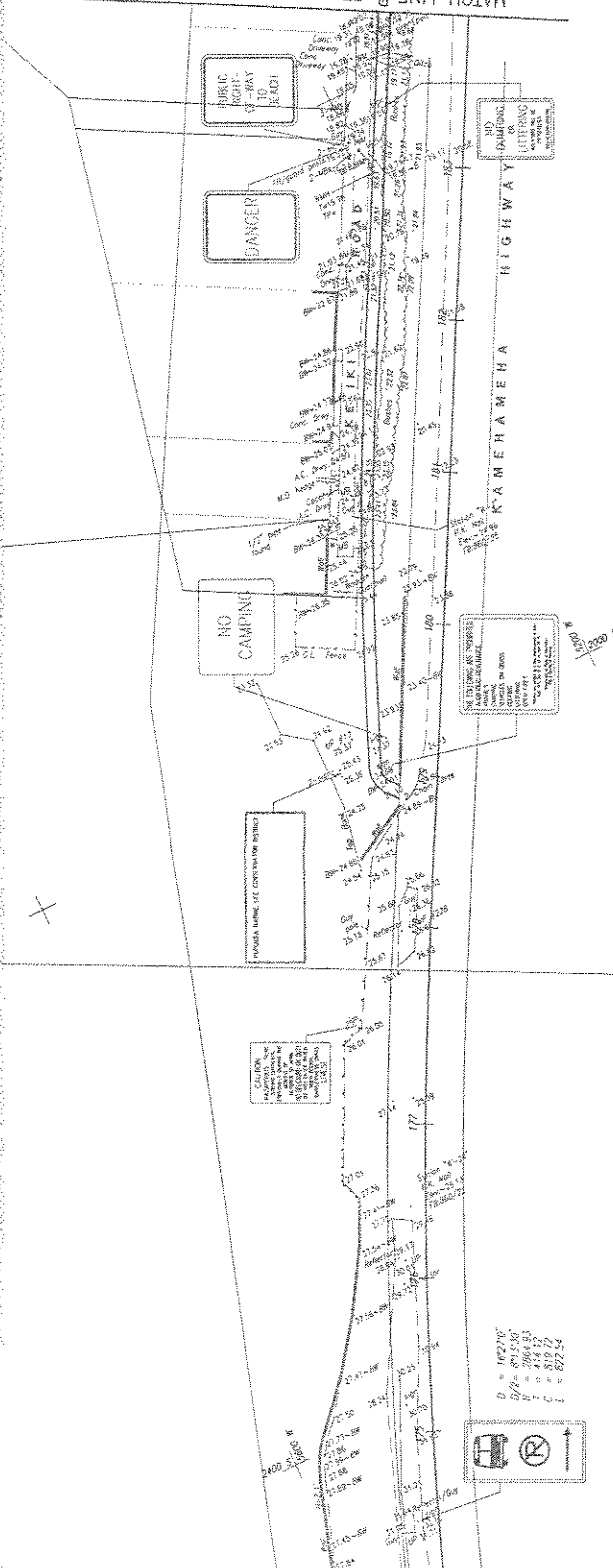


DEPARTMENT OF TRANSPORTATION SERVICES
 CITY AND COUNTY OF HONOLULU
KE ALA PUPUIKEA BIKEWAY
 KAHAMA HIGHWAY
 WAIHEA BAY TO WAIALEA
 DWSG 5-9-1, 2, 3, 4, 18 & 20
PLAN 3

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DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU

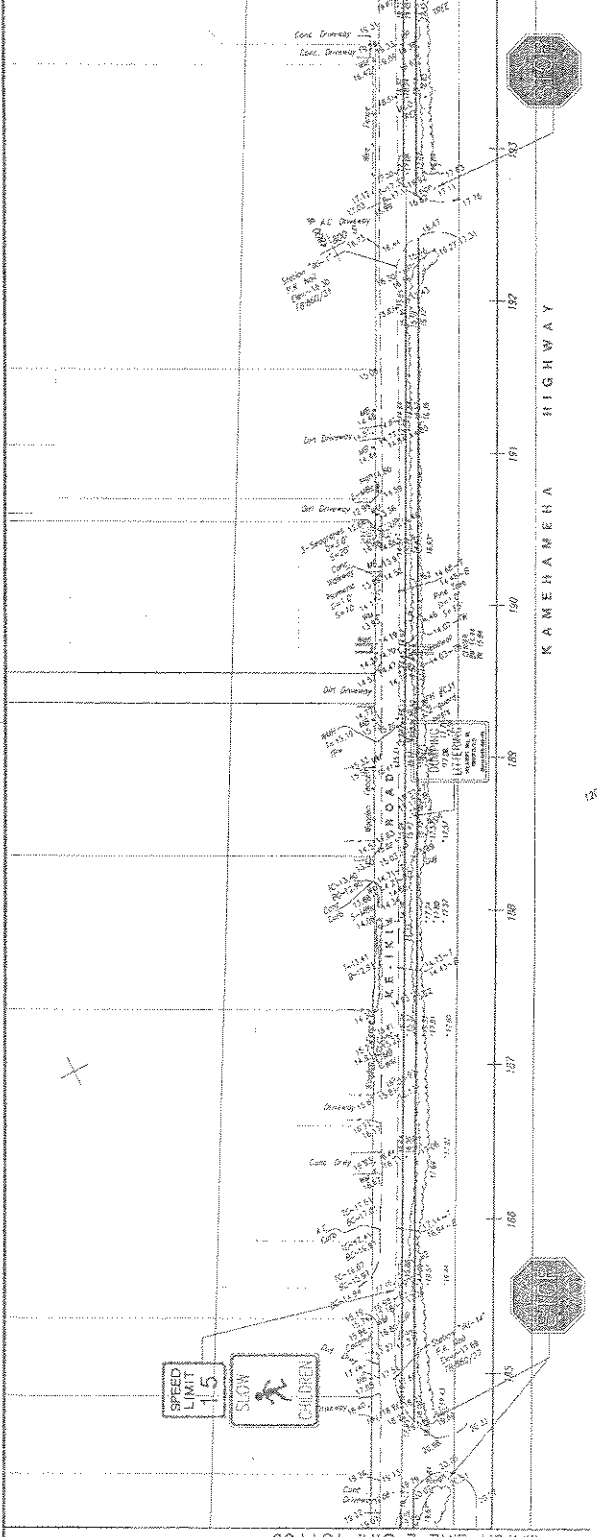
KE ALA PUIKEA BIKEWAY
REVISION TO ORIGINAL
WORKSHEET NUMBER 1
DATE: 5-9-11, 2, 3, 4, 19 & 20

PLAN 2

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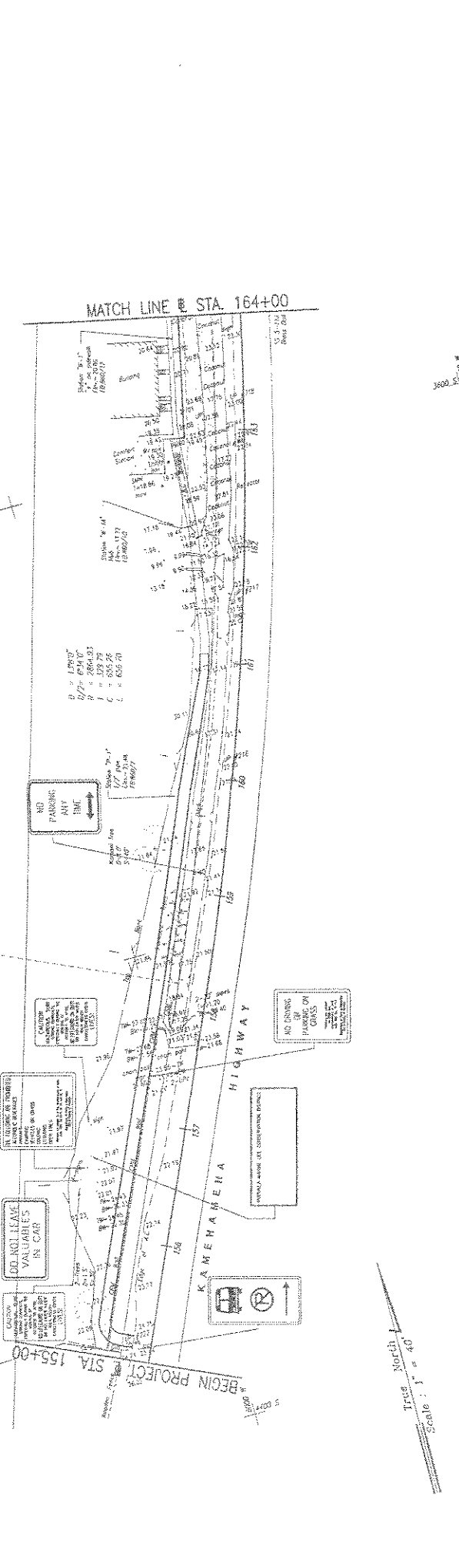
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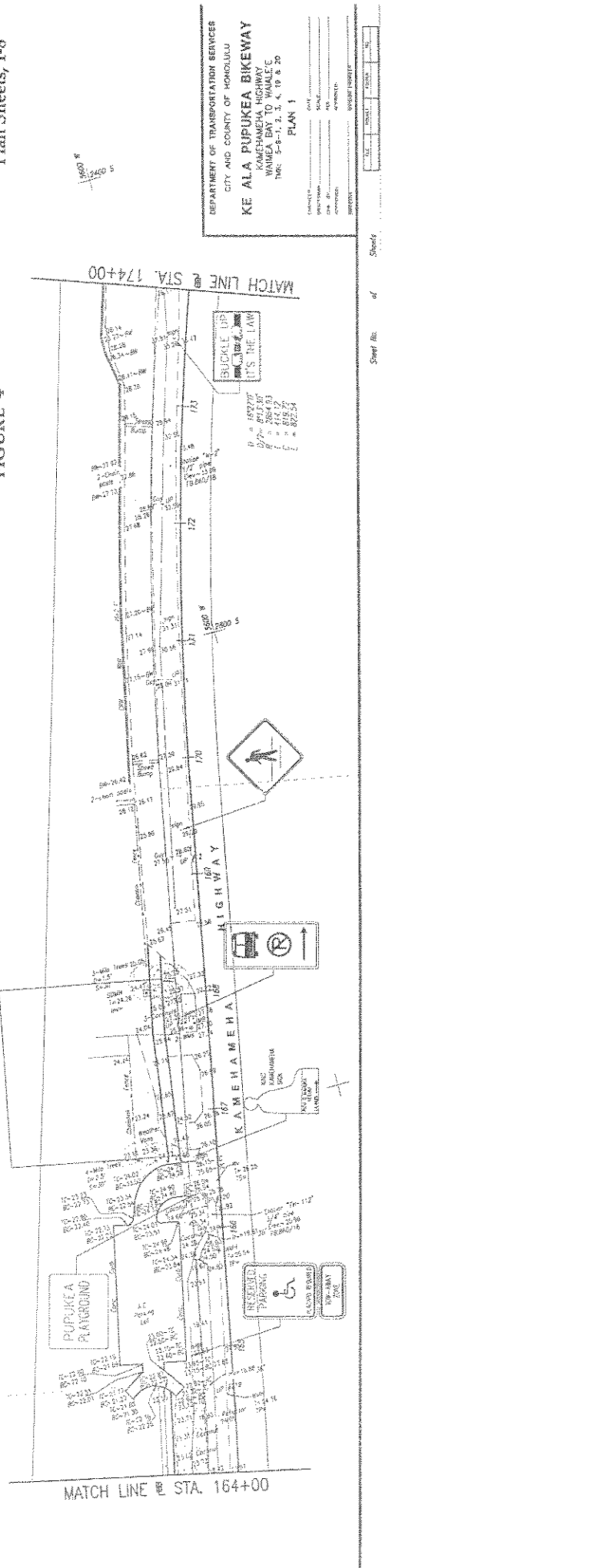


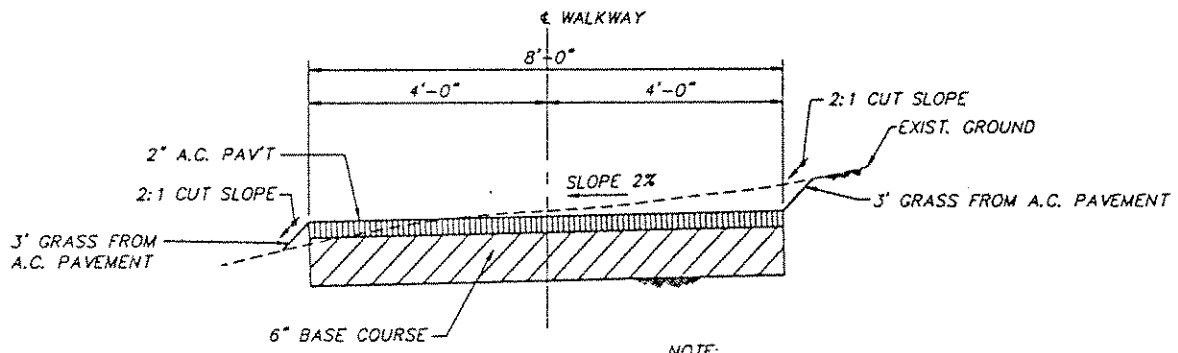
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Preliminary Construction Plans For Revised Alignment
Plan Sheets, 1-8
FIGURE 4





NOTE:
 PROVIDE 4\" TOP SOIL & GRASS
 FOR SLOPE (CUT & FILL) AREAS

TYPICAL BIKE PATH SECTION
 NOT TO SCALE

Fred Rodriguez

JOHN WAIHEE
GOVERNOR OF HAWAII



WILLIAM W. PATY, CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES

DEPUTIES

JOHN P. KEPPELER, II
DONA L. HANAIKE

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

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

P. O. BOX 621
HONOLULU, HAWAII 96809

JUL - 8 1992

Ref: LM-SL

DN 1266F
SL-92:373

Mr. Kendall Hee
Engineers Surveyors Hawaii, Inc.
1020 Auahi St., Bldg. 6, Rm. 1
Honolulu, Hawaii 96814

Dear Mr. Hee:

SUBJECT: Shoreline Certification Request
Applicant: Engineers Surveyors Hawaii, Inc.
Property Owner: City & County of Honolulu
Location: Island: Oahu District: Koolauloa
Tax Map Key: 5-9-2:38 & 5-9-2
Property Description: Por. of Pupukea-Paumalu
(Sunset) Beach Park, E.O. 2598
Land Management Case No. OA-361

This is to inform you that the subject shoreline certification request has been:

xx certified and no appeal has been received.

5 copies of map are enclosed herewith.

Should you have any questions regarding this matter, please contact Steve Lau of our Land Management Division at 587-0439.

Very truly yours,

WILLIAM W. PATY
Board of Land and Natural Resources

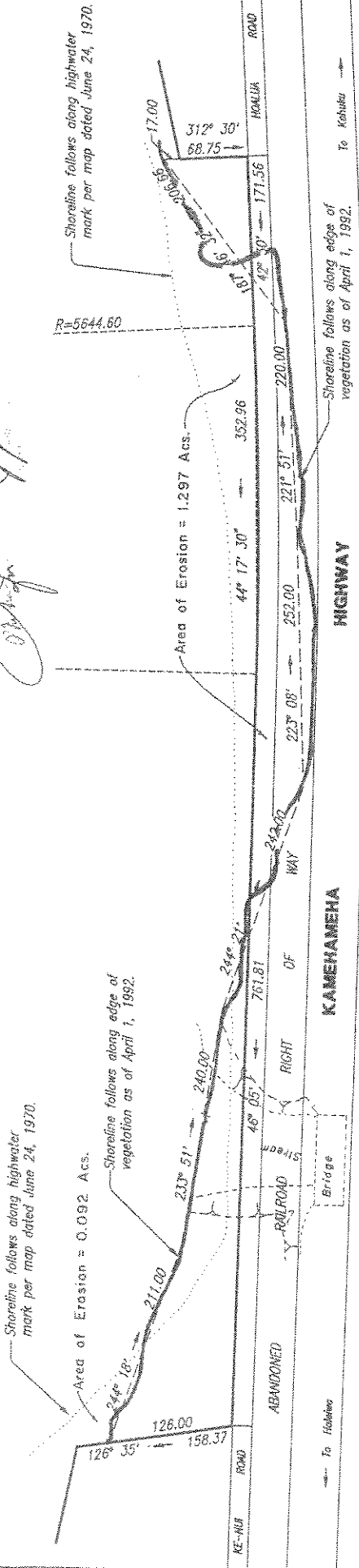
Enclosures

JUL 13 1992

True North
Scale: 1 in = 100 ft

SEA

J. P. Keppeler



This work was prepared by me or under my direct supervision.
Kendal N. H. Hee
Registered Professional Land Surveyor
Certificate Number 5649

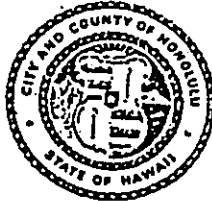
Plan Showing
 Portion of Pupukea-Paumalu (Sunset) Beach Park
 Executive Order 2598
 at Pupukea, Koolauloa, Oahu, Hawaii
 T.M.K. : 5-9-1 : parcel 38
 T.M.K. : 5-9-2

Client: City & County
 Purpose: For Special Management Permit

OFFICE OF THE MAYOR
CITY AND COUNTY OF HONOLULU

HONOLULU, HAWAII 96813 • AREA CODE 808 • 523-4141

FRANK F. FASI
MAYOR



April 1, 1992

Ms. Lynn Nolan
59-301 Ke Nui Road
Haleiwa, Hawaii 96712

Dear Ms. Nolan:

This is in response to your letter regarding fences across Ke Nui Road. I have asked Mr. Donald A. Clegg, Director of the Department of Land Utilization, to take action. He informs me that the Department of Transportation Services will inspect the road for illegal structures and encroachments onto City property. All obstructions will be removed.

Access from Kam Highway is under the jurisdiction of the State Department of Transportation. However, individuals may not utilize the City's section of the railroad right-of-way to access the highway. This issue will be reviewed by the Department of Parks and Recreation (DPR). Appropriate action will be taken to prohibit access over City land. I am also asking DPR to initiate steps to clear the sea walls from the City's Sunset Beach Park property.

I agree with your concerns and intend to take the necessary action to prevent unwarranted and unauthorized use of City property.

Warm personal regards.

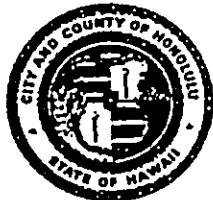
Sincerely,

A handwritten signature in black ink, appearing to be "Frank Fasi", is written over a rectangular box.

FFF:et

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL BUILDING
650 SOUTH KING STREET
HONOLULU, HAWAII 96813



FRANK FASI
MAYOR

JOSEPH M. MAGALDI, JR.
DIRECTOR

AMAR SAPPAL
DEPUTY DIRECTOR

TE-2012
PL92.3.037

May 28, 1992

Mr. F. J. Rodriguez, President
Environmental Communications Inc.
1146 Fort Street Mall, Suite 200
P. O. Box 536
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

Subject: Ke Ala Pupukea Bikeway
Environmental Assessment (EA)
TMK: 5-9-1, 2, 3, 4, 19, 20

This is in response to your memorandum dated May 7, 1992
requesting our comments on the subject project.

Based on our review of the preliminary environmental assessment,
we have no comments or objections to the proposed project at this
time.

Should you have any questions, please contact Lance Watanabe of
my staff at 523-4199.

Sincerely,

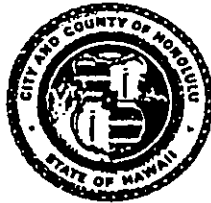

JOSEPH M. MAGALDI, JR.
Director

MAY 29 1992

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET
HONOLULU, HAWAII 96813

FRANK F. FASI
MAYOR



C. MICHAEL STREET
ACTING DIRECTOR AND CHIEF ENGINEER

ENV 92-119

May 26, 1992

Mr. F.J. Rodriguez
Environmental Communications, Inc.
P. O. Box 536
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

Subject: Environmental Assessment (EA)
Ke Ala Pupukea Pedestrian Path/Bikeway
TMK:5-9-1, 2, 3, 4, 19 & 20

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

Construction within the City right-of-way
should be in accordance with the City standards.

Very truly yours,

A handwritten signature in cursive script that reads "C. Michael Street".

C. MICHAEL STREET
Acting Director and Chief Engineer

MAY 29 1992

JOHN WAIHEE
GOVERNOR OF HAWAII



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

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

May 26, 1992

In reply, please refer to:
92-169/epo

Mr. Fred J. Rodriguez
President
Environmental Communications, Inc.
1146 Fort street Mall, Suite 200
Honolulu, Hawaii 96809

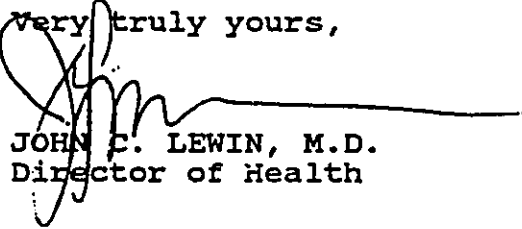
Dear Mr. Rodriguez:

Subject: Preliminary Environmental Assessment (EA)
Ke Ala Pupukea Pedestrian Path/Bikeway
North Shore, Oahu, Hawaii

Thank you for allowing us to review and comment on the subject project.

We have no environmental concerns at this time. However, as this is a very preliminary assessment, we may have comments at a later date when more details become available. During the construction phase of the project, there must be conformance with all the applicable sections of Department of Health Administrative Rules, Chapter 11-43, "Community Noise Control for Oahu" and Chapter 11-60, "Air Pollution Control."

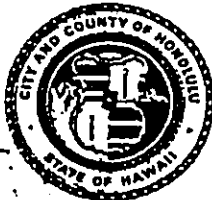
Very truly yours,


JOHN C. LEWIN, M.D.
Director of Health

JUN 01 1992

DEPARTMENT OF LAND UTILIZATION
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET
HONOLULU, HAWAII 96813 • (808) 523-4432



FRANK F. FASI
MAYOR

DONALD A. CLEGG
DIRECTOR

LORETTA K.C. CHEE
DEPUTY DIRECTOR

LU 5/92-3671(DT)

June 1, 1992

Mr. Fred J. Rodriguez
Environmental Communications, Inc.
1146 Fort Street Mall, Suite 200
P.O. Box 536
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

Environmental Assessment (EA) For The
Ke Ala Pupukea Bikeway Project
From Waimea Bay Beach Park to Waialeale Beach Park

We have reviewed the above referenced EA and do not find any mitigation measures to prevent surface runoff during construction of the bikeway and the two pedestrian/bikeway bridges. Also, minimal grading is mentioned in the "Summary of Major Impacts and Mitigative Measures" on page 7. How much grading will be done? The project will require a major Special Management Area Use Permit.

If you have any questions, please contact Dana Teramoto of our staff at 523-4648.

Very truly yours,

A handwritten signature in cursive script, reading "Donald A. Clegg".

DONALD A. CLEGG
Director of Land Utilization

DAC:dt

letter3.wp3

JUN 02 1992

JOHN WAIHEE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

P. O. BOX 621
HONOLULU, HAWAII 96809
JUN -8 1992

WILLIAM W. PATY, CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES

DEPUTIES

JOHN P. KEPPELER, II
DONA L. HANAIKE

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

DN 1266F
SL-92:302

Ref: LM-SL

Mr. Kendall Hee
Engineers Surveyors Hawaii, Inc.
1020 Auahi St., Bldg. 6, Rm. 1
Honolulu, Hawaii 96814

Dear Mr. Hee:

SUBJECT: Shoreline Certification Request
Applicant: Engineers Surveyors Hawaii, Inc.
Property Owner: City & County of Honolulu
Location: Island: Oahu District: Koolauloa
Tax Map Key: 5-9-2:38 & 5-9-2
Property Description: Por. of Pupukea-Paumalu
(Sunset) Beach Park, E.O. 2598
Land Management Case No. OA-361

This is to inform you that the subject shoreline certification request has been:

xx certified, but is subject to appeal. Map withheld to appeal deadline (June 28, 1992).

Should you have any questions regarding this matter, please contact Steve Lau of our Land Management Division at 587-0439.

Very truly yours,

WILLIAM W. PATY
Board of Land and Natural Resources

JUN 12 1992

JOHN WAIHEE
GOVERNOR OF HAWAII



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

WILLIAM W. PATY, CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES

DEPUTIES

JOHN P. KEPPELER, II
DONA L. HANAIKE

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

REF:OCEA:SKK

JUN 12 1992

FILE NO.: 92-713
DOC. ID.: 825

Mr. Fred Rodriguez
Environmental Communications, Inc.
1146 Fort Street Mall
P.O. Box 536
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

SUBJECT: Ke Ala Pupukea Pedestrian Path/Bikeway,
North Shore, Oahu

Thank you for giving our Department the opportunity to comment on this matter. We have reviewed the submitted environmental assessment and have the following comments.

Brief Discussion:

The project involves construction of a 3.5 mile system of pedestrian paths/bikeways along the North Shore of Oahu. Several streams will be crossed.

Division of Water and Land Development Comments:

Structures for pedestrian path/bikeways should not increase flooding upstream or downstream of PPB.

Division of Aquatic Resources Comments:

From the attached plans it appears that stream crossings will be via existing bridges. Under this circumstance, we have no objections to the project as long as precautions are taken to avoid siltation, refuse disposal, or toxic substance releases into the stream and areas disturbed by the construction activity are properly stabilized to prevent post-project erosion. It should be noted that any modifications to the stream bed or bottom would require a Stream Channel Alteration Permit from the State Commission on Water Resource Management.

JUN 15 1992

Mr. F. Rodriguez

-2-

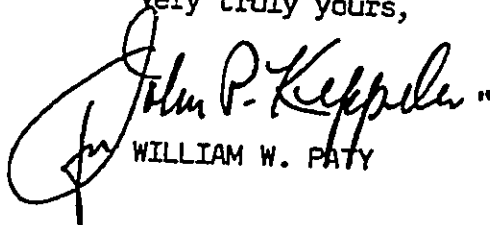
File No.: 92-713

Historic Preservation Division Comments:

This project proposes 10' wide pathways be constructed along existing street and highway rights-of-way. Stream crossings will utilize existing pier footings. Since existing rights-of-way have been modified, we believe that this project will have "no effect" on historic sites.

Thank you for your cooperation in this matter. Please feel free to call Sam Lemmo at our Office of Conservation and Environmental Affairs, at 587-0377, should you have any questions.

Very truly yours,


WILLIAM W. PATY

JOHN WAIHEE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

JUN 2 1992

REX D. JOHNSON
DIRECTOR
DEPUTY DIRECTORS
JOYCE T. OMINE
AL PANG
JEANNE K. SCHULTZ
CALVIN M. TSUDA

IN REPLY REFER TO:

HWY-PS
2.2287

Mr. F. J. Rodriguez
Environmental Communications, Inc.
1146 Fort Street Mall, Suite 200
P.O. Box 536
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

Ke Ala Pupukea Pedestrian Path/Bikeway
Preliminary Environmental Assessment

Thank you for your letter of May 7, 1992, requesting our comments on the subject preliminary environmental assessment.

Conceptually, the proposed bike paths along the North Shore are reflected in the Bikeway Master Plan, which is currently being revised. Details of the pedestrian paths/bikeways, however, are not contained in the assessment. Further coordination on the use of the State right-of-way will be required.

Very truly yours,

A handwritten signature in black ink, appearing to read "T. Harano".

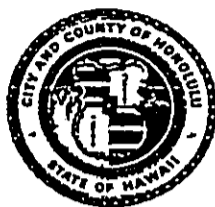
T. HARANO
Chief
Highways Division

JUN 04 1992

DEPARTMENT OF GENERAL PLANNING
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET
HONOLULU, HAWAII 96813

FRANK F. FASI
MAYOR



BENJAMIN B. LEE
CHIEF PLANNING OFFICER
ROLAND O. LIBBY, JR.
DEPUTY CHIEF PLANNING OFFICER

ET 5/92-1654

May 22, 1992

Mr. F. J. Rodriguez
Environmental Communications, Inc.
P.O. Box 536
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

Ke Ala Pupukea Pedestrian Path/Bikeway
Draft Environmental Assessment

This is in response to your memorandum dated May 7, 1992. We have reviewed the subject Draft Environmental Assessment (EA), and conclude the proposed pedestrian path/bikeway improvements have no significant environmental impacts.

We have no objections to the proposed project, and we concur with your determination of a negative declaration for this project.

Thank you for the opportunity to comment on this Draft EA. Should you have any questions, please contact Eugene Takahashi of our staff at 527-6022.

Sincerely,

A handwritten signature in black ink, appearing to read "Benjamin B. Lee", is written over the typed name and title.

BENJAMIN B. LEE
Chief Planning Officer

BBL:ft

JUN 04 1992

SUNSET BEACH COMMUNITY ASSOCIATION (SBCA)

Post Office Box 471
Haleiwa, Hawaii 96712

May 21, 1992

Fred J. Rodriguez, President
Environmental Communications Inc.
Post Office Box 536
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

Subject: Ke Ala Pupukea Pedestrian-Path/Bikeway

The SBCA voted to support a negative declaration of the Environmental Assessment. The vote took place at 10:10 PM on Wednesday, May 20, 1992, over 30 members voted with only one dissenting member.

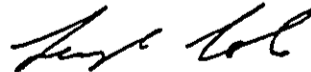
The SBCA position is based on the fact that the two concrete bridges will be built on the existing pier footings in the stream beds to be crossed. These piers supported the railroad in the 1800's and are an excellent choice for supporting Ke Ala Pupukea in the late 1900's. The piers are in excellent condition having withstood the giant surf of 1969 and countless tsunamis. We can't think of a more solid foundation for Ke Ala Pupukea.

Also, solid is the community support for Ke Ala Pupukea with over 2500 signatures, the vast majority from the North Shore, on a clear, well defined petition delivered to the State and City. SBCA remains firm in its support of this path which benefits the recreational user of our popular beaches as well as our community.

There is opposition to the path from a small minority of our members. The leaders of the opposition, coincidentally, are the landowners who happen to be blocking the public use of about 700 feet of the Haleiwa end of Ke Nui Road. The SBCA strongly opposes the continued blocking of this public road as well as the blocking of the Kahuku end of Ke Iki Road. This blocking of Ke Nui Road forces parked cars, joggers, walkers and bikers onto the shoulder of Kanehameha Highway at the very popular "Bonsai" and "Off-the-Walls" surfing spots. This section of the highway shoulder is particular dangerous because parked cars and ponding of runoff force the jogger and biker into the highway lane. This is a real environmental concern of the community.

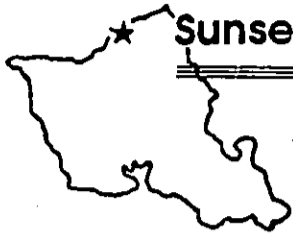
Attached are: 1. a letter from Mayor Fasi regarding the opening of Ke Nui Road and 2. the SBCA survey results with appropriate sections highlighted. Our concerns regarding the details of the plan and design of Ke Ala Pupukea will be addressed under separate cover to the City and its engineers.

Sincerely,



S. E. "Lucky" Cole, SBCA President

MAY 25 1992



Sunset Beach Community Association

P.O. BOX 471
HALEIWA, HI 96712

February 18, 1992

To: Sunset Beach Community Association (SBCA) Executive Committee
and interested citizens, agencies and policy makers

Subject: REPORT OF SBCA MEMBERSHIP SURVEY

Attached are the results (analysis and tabulations) of the survey completed by 175 SBCA members at the January meeting. The analysis is based upon my review of the data, my experience over the last year as president of the organization and as a Sunset Beach resident of more than 20 years.

The answers to survey questions were broken out by whether the respondent is a homeowner or a renter to determine if differences of opinion exist based on that characteristic. Responses to the Lihi Lani question were tabulated by ethnicity to see if that mattered.

The questionnaire and analysis were reviewed, pro-bono, by survey research professionals. The three-page questionnaire was distributed and completed at the January 15, 1992 SBCA meeting which also included election of officers. A representative of the League of Women Voters reviewed the election and survey process. The total 1992 SBCA membership was 189 at the election night registration.

The report that follows includes:

- a three-page analysis and tabulation of the data
- the questionnaire with data for the total sample

Mahalo to Chuck Merlet, SBCA vice-president, for his help counting and analyzing the data. Mahalo also to Jean Merlet and Sally Cole, SBCA treasurer, who helped tally the data.

Please call me at 638-7289, if you have any questions or comments.

Sincerely,

S. E. Lucky Cole, President

Based upon the results of the survey, Sunset Beach/Pupukea is a stable middle class community and its residents are solid and well-established; 62% are homeowners, 14% have rented the same unit for more than five years, 73% are married, 71% have children and only one respondent is unemployed.

The vast majority of the homeowners, 88%, bought before 1989 when housing was quite affordable; 47% purchased before 1980 when even a beach home was reasonably priced; and 83% of the homeowners never plan to sell. 80% of the renters pay \$1,000 per month or less in rent. Less than 10% of the respondents own more than one property in the area.

SBCA members are quite vigorously opposed to Obayashi's Lihi Lani: 63% strongly oppose the project, a total of 81% either oppose or strongly oppose the development and nearly nine in ten are against the Lihi Lani golf course component or the entire project. There was little difference of opinion on the issue between various subgroups (homeowner, renter, caucasian or non-caucasian).

There was a significant difference of opinion between renters and homeowners, however, on the subject of affordable housing near Sunset School. Renters split evenly, about half in favor and half against, affordable housing, while homeowners were opposed to a development near Sunset School as well as upzoning rural land in the community. Homeowners also felt more strongly about other land use issues. For example, 77% said the blocking of Ke Nui Road is a severe problem whereas 50% of renters felt that way.

A solid consensus, more than 84% of members expressing an opinion:

- . oppose expanding Kamehameha Hwy. to four lanes (97%)
- . support alternatives; turning lanes, a moratorium on expansion of the Kuilima Resort or a new road from H2 to Kuilima (93%)
- . oppose the Lihi Lani golf course or the entire project (89%)
- . support expansion or improvements to area beach parks (89%)
- . rank lifeguards and the Fire Dept. as excellent or good (88%)
- . rate highway maintenance/improvements as fair or poor (88%)
- . grade pollution control as poor or fair (87%)
- . give the drainage system the lowest grade, poor (86%)
- . view abandoned vehicle collection as poor or fair (84%)

A solid majority, more than 63% of members expressing an opinion:

- . oppose affordable housing projects near Sunset School (72%)
- . consider car burglary a severe problem (68%)
- . judge the blocking of Ke Nui Road a severe problem (67%)
- . rate trash collection good or excellent (64%)
- . view overflowing cesspools as a severe problem (63%)
- . strongly oppose the Lihi Lani development (63%)

SBCA members participate in many sports activities with swimming, bike riding, surfing and jogging the most popular. This probably explains the concern over blocking Ke Nui and Ke Iki Roads and the overwhelming support for the Ke Ala Pupukea bikeway, which will integrate the area beach parks.

Members are very concerned about the environment and want to retain a rural lifestyle, (Keep the Country, Country!). Many respondents moved to Sunset/Pupukea to escape over-crowding in Honolulu or on the mainland. Many have seen the negative impacts of urbanization and pollution elsewhere and are adamant in their desire to avoid repetition of these problems in the Sunset/Pupukea community.

SBCA SURVEY--TABULATIONS

Demographics:

SEX
53% male 47% female

ETHNICITY
76% caucasian 24% other

MARRIED
73% Yes 27% No

CHILDREN
71% Yes 29% No

PLACE OF RESIDENCE
71% Sunset Beach 22% Pupukea 7% Sunset Hills

AGE
17% under 30
30% from 30 to 39
32% from 40 to 49
19% over 50

CHILDREN ATTEND
45% Sunset Beach Elementary
26% Kabuku High & Intermediate
9% Sunset Christian
19% other private schools

Homeowners (62%): 109 of 175--62%
88% of members over 50 years of age are homeowners
83% of all homeowners never plan on selling
88% bought their homes before 1989 when North Shore prices shot up
47% bought their homes before 1980 when prices were very low

Renters (38%): 66 of 175--38%
90% of members under 30 years of age are renters
78% of renters would buy an affordable home if they qualified
80% have lived in the same unit for more than one year and
36% have lived in the same unit for more than five years
80% pay rent of \$1000/month or less
72% share the rent with one person or with no one

WORK LOCATION:
55% on the North Shore
36% commute to Pearl Harbor or beyond
9% central or windward Oahu

USE BUS?
11% Yes 89% No
4% to commute

WORK IN?
27% self-employed 29% construction or tourism
25% education, government, health or the military
9% surfing or a related industry

TOTAL COUNT ALL 175 SURVEYSON OBAYASHI'S LIHI LANI PROJECT:

The Lihi Lani Project is proposed for a site next to and above the Sunset School on 1,143 acres of land zoned for agriculture and conservation. The proposed project includes an 18 hole golf course, clubhouse, driving range, 120 market priced one-acre lots, 180 affordable residential units, a tennis center, an equestrian center, hiking trails and community facilities.

The project requires changes to the land use policies and zoning of the City and County of Honolulu. The Mayor, his Chief Planning Officer and the Planning Commission opposed the golf course. The City Council passed all the land use changes including the golf course by a vote of 6-3. The Mayor vetoed this action and the Council will need to vote again by 6-3 to override the Mayor's veto.

The purpose of this part of the survey is to provide the Council the views of our members on this major project.

1. Which one of the following statements best represents your opinion on Obayashi's proposed Lihi Lani Project?

- 8 I strongly support the Lihi Lani Project including the golf course and clubhouse because we need the community facilities and housing.
- 11 I support the Lihi Lani Project including the golf course but have some concerns about the environmental risks.
- 13 I support the housing but oppose the golf course part of the Lihi Lani Project because of the environmental risks.
- 30 I oppose the Lihi Lani Project until sewage, drainage and traffic problems are solved.
- 106 I strongly oppose the Lihi Lani Project because of significant environmental risks and the need to keep the country, country.
- 7 I have no opinion at this time.

ON AFFORDABLE HOUSING PROJECTS:

The State and City encourage affordable housing projects and allow for fast upzoning of agricultural land to residential for such projects. Several developers have expressed interest in developing affordable housing on large parcels west of the Sunset School. These proposals range from 74 self-help houses on 9 acres to 210 residential units on 26 acres. These proposals are in addition to the 180 affordable units proposed in the Lihi Lani Project.

2. Which one of the following statements best represents your opinion on the affordable housing projects near Sunset School?

- 15 I strongly support all affordable housing projects and am not so concerned about overcrowding of Sunset Beach.
- 33 I support the smaller sized affordable housing project and am concerned about overcrowding of Sunset Beach.
- 11 I support affordable housing projects but not in this area due to the flooding problems and nearness to the school and Banzai Pipeline.
- 55 I oppose affordable housing projects anywhere in Sunset Beach until sewage, drainage, traffic and ocean quality problems are solved.
- 57 I strongly oppose upzoning rural lands to residential in Sunset Beach, even if it is for affordable housing.
- 2 I have no opinion at this time.

What are the needs for housing in our area? How do we balance the needs for housing in our community with the need to keep the country, country? How do we meet the needs of our community when these projects have to be open to anyone from anywhere on an equal and fair basis?

Please write your ideas and comments on the back of this page!

SBCA SURVEY--TABULATIONS continued

February 18, 1992

Sports or weekly activities:

Members participate in one or more of these sports/activities:

most popular (30% or more)	popular (14% to 22%)	less popular (less than 12%)
swimming (56%)	other/walking (22%)	aerobics (11%)
riding bikes (46%)	body-boarding (20%)	soccer (10%)
board-surfing (40%)	body-surfing (19%)	volleyball (10%)
jogging (30%)	diving (19%)	basketball (9%)
	wind-surfing (17%)	base/softball (8%)
	tennis (17%)	boating (8%)
	golf (16%)	riding horses (8%)
	fishing (14%)	

On satisfaction with government's services and enforcement:

excellent or good rating by more than 64% of respondents	good or fair rating by more than 64%	fair or poor rating by more than 64%
<u>CITY</u> lifeguards Fire Dept. trash collection	Ambulance Police Parks-maintenance Parks-recreation Parks-improvements	abandoned vehicles drainage system
<u>STATE</u>	Sunset School Kahuku School	Hwy-maintenance Hwy-improvements Health services Human Services Pollution Control
rated a minor problem by more than 54% of respondents	rated a moderate or severe problem by more than 65%	rated a severe proble by more than 60%
<u>CRIMINAL</u> arson	home burglary drug dealing/abuse violence/intimidation	car burglary
<u>CIVIL</u> surfboard mfg'ing	low flying aircraft illegal rentals illegal food wagons illegal vacation rntls	overflowing cesspool: blocking Ke Nui Rd blocking Ke Iki Rd

NOTES TO SURVEY:

The demographic questions on number of children could not be easily counted manually. Additional property ownership questions were apparently misinterpreted by many, resulting in unreliable data. Several respondents checked more than one response on the Kamehameha Highway question.

TOTAL COUNT ALL 175 SURVEYS

ON GROWTH AND PUBLIC USE OF BEACHES & HWY:

3. Which one of the following statements best represents your opinion on the increasing public use of the beaches in Sunset?
- 12 I feel we should greatly expand public services and beach parks to encourage a growing number of visitors and residents.
 - 77 I feel we should moderately expand public services and beach parks to better handle the normal growth of visitors and residents.
 - 75 I feel we should improve the quality of existing services and beach parks with no expansion and divert the public to other areas.
 - 6 I feel we should leave well enough alone and make no improvements.
 - 1 I feel we should let the services and parks deteriorate to discourage use of our area by the public.
 - 2 I have no opinion at this time.
4. Which of the following statements best represents your opinion on improvements to Kamehameha Highway?
- 6 I feel we should expand the Highway to four lanes to encourage development and growth and to better handle future traffic.
 - 58 I feel we should improve the highway with turning lanes at key points to better handle the existing and future traffic.
 - 4 I feel we should leave well enough alone and make no improvements.
 - 51 I feel we should investigate a new two lane highway from the H2 directly to the Turtle Bay Hotel/Kuilima Project.
 - 60 I feel we should make minor improvements to the highway and place a moratorium on the Kuilima Project and other developments.
 - 6 I have no opinion at this time.

ON SATISFACTION WITH GOVERNMENT'S SERVICES AND ENFORCEMENT:

1. How do you rate the quality of services in Sunset/Pupukea provided by the City?
- | | | | | | | | | | | |
|-----------------------|----|-----------|----|------|----|------|-----|------|----|------------|
| a. Parks-Maintenance | 25 | excellent | 59 | good | 57 | fair | 25 | poor | 8 | don't know |
| b. Parks-Recreation | 17 | excellent | 60 | good | 57 | fair | 26 | poor | 12 | don't know |
| c. Parks-Lifeguards | 98 | excellent | 51 | good | 16 | fair | 5 | poor | 4 | don't know |
| d. Parks-Improvements | 7 | excellent | 41 | good | 51 | fair | 51 | poor | 14 | don't know |
| e. Police Department | 12 | excellent | 70 | good | 65 | fair | 22 | poor | 4 | don't know |
| f. Ambulance service | 19 | excellent | 46 | good | 50 | fair | 17 | poor | 42 | don't know |
| f. Drainage system | 0 | excellent | 6 | good | 17 | fair | 138 | poor | 12 | don't know |
| f. Abandoned vehicles | 2 | excellent | 24 | good | 45 | fair | 94 | poor | 5 | don't know |
| g. Trash collection | 45 | excellent | 64 | good | 44 | fair | 17 | poor | 3 | don't know |
| h. Fire Department | 88 | excellent | 52 | good | 11 | fair | 3 | poor | 16 | don't know |
2. How do you rate the quality of services in Sunset/Pupukea provided by the State?
- | | | | | | | | | | | |
|--------------------------|----|-----------|----|------|----|------|----|------|----|------------|
| a. DOH-pollution control | 3 | excellent | 15 | good | 37 | fair | 85 | poor | 35 | don't know |
| b. DOH-health services | 3 | excellent | 18 | good | 57 | fair | 47 | poor | 50 | don't know |
| c. DOE-Sunset School | 19 | excellent | 50 | good | 51 | fair | 28 | poor | 35 | don't know |
| d. DOE-Kahuku High | 16 | excellent | 49 | good | 35 | fair | 34 | poor | 39 | don't know |
| e. Human Services | 3 | excellent | 17 | good | 55 | fair | 34 | poor | 64 | don't know |
| f. Highway maintenance | 2 | excellent | 31 | good | 73 | fair | 62 | poor | 7 | don't know |
| g. Highway improvements | 2 | excellent | 22 | good | 68 | fair | 72 | poor | 9 | don't know |
3. How serious a problem is there enforcing criminal laws in Sunset/Pupukea in the following areas?
- | | | | | | | | | |
|--------------------------|-----|--------|----|----------|----|-------|----|------------|
| a. Drug dealing/abuse | 64 | severe | 59 | moderate | 17 | minor | 33 | don't know |
| b. Intimidation/violence | 49 | severe | 78 | moderate | 16 | minor | 30 | don't know |
| c. Burglaries-homes | 68 | severe | 80 | moderate | 9 | minor | 18 | don't know |
| d. Burglaries-cars | 103 | severe | 42 | moderate | 6 | minor | 23 | don't know |
| e. Arson | 4 | severe | 23 | moderate | 61 | minor | 84 | don't know |

3. How serious a problem is there enforcing civil laws in Sunset/Pupukea in the following areas?

a. illegal rentals	59 severe	42 moderate	44 minor	14 don't know
b. illegal retail/food wagons	55 severe	44 moderate	54 minor	19 don't know
c. illegal vacation rentals	56 severe	34 moderate	44 minor	11 don't know
d. overflowing cesspools	35 severe	38 moderate	14 minor	11 don't know
e. Closing off of Ke Nui Rd.	89 severe	18 moderate	25 minor	37 don't know
f. Closing off of Ke Iki Rd.	75 severe	22 moderate	28 minor	43 don't know
g. surfboard manufacturing	18 severe	51 moderate	82 minor	29 don't know
h. low flying aircraft	58 severe	47 moderate	50 minor	17 don't know

SBCA SURVEY--OPTIONAL DEMOGRAPHIC INFORMATION

GENERAL HOUSING QUESTIONS:

1. HOMEOWNERS IN SUNSET/PUPUKEA please answer the following questions:
 - a. Is your home in 69 Sunset Beach, 9 Sunset Hills or 27 Pupukea?
 - b. Did you buy your home; 49 prior to 1980, 43 from 1981 to 1988, or 12 after 1988?
 - c. Is your home now worth; 8 less than \$300,000, 52 from \$300,000 to \$500,000, or 41 more than \$500,000?
 - d. Do you plan on selling your home: 1 in the next year, 0 in the next two to five years, 17 sometime in the future or 85 never?
 - e. Do your children have a problem finding affordable housing now? 27 Yes, 13 No, 47 they're too young, 14 no children
2. TENANTS IN SUNSET/PUPUKEA please answer the following questions:
 - a. Do you live in 52 Sunset Beach, 3 Sunset Hills or 11 Pupukea?
 - b. Have you lived in this unit for 13 less than a year, 29 from 1 to 5 years or 24 over 5 years?
 - c. Do you rent a 31-3 bedroom or larger unit, 19-2 bedroom, 7-1 bedroom, 7 studio or 1-room in a larger unit?
 - d. Do you pay rent of 1 over \$1,500/month, 12 from \$1,000 to \$1,500, 43 from \$500 to \$1,000, 10 under \$500/month?
 - e. Do you share the rent with 23 nobody, 25 one other person, 10 two persons, 7 more than two persons/groups?
 - f. Would you want to buy in an affordable housing project in Sunset Beach if you could qualify? 49 Yes 14 No
 - g. Would you prefer a self-help housing project if it would lower the cost but you would have to do a lot of work? 47 Yes 12 No
3. LANDLORDS/PROPERTY OWNERS IN SUNSET/PUPUKEA please answer the following:
 - a. Do you control/own in Sunset/Pupukea ? one parcel, 16 from two to four parcels or 0 over four parcels? see notes
 - b. Do you support affordable housing projects? ___ Yes ___ No

OTHER DEMOGRAPHIC INFORMATION:

4. SEX: 92 male or 80 female?
5. AGE: 30 under 30, 51 from 30 to 39, 56 from 40 to 50 or 33 over 50
6. Are you married or living with a significant partner? 127 Yes 41 No
7. How many have children----- 122----see notes
 - a. How many of your children are living with you? ___
 - b. How many of your children attend 40 Sunset School, 23 Kahuku High, 9 Sunset Christian School, 1 other public, 17 other private school
8. Do you work in/commute to 90 North Shore, 8 Pearl Harbor, 7 Airport, 25 Honolulu, 10 University, 3 Windward, 12 Central, 8 other area?
9. Do you use the bus to get to work? 7 Yes 154 No; Do you use the bus for short trips, eg. to go to Foodland or to Haleiwa? 18 Yes 132 No
10. Do you work in: 28 construction, 22 tourism, 19 education, 7 health, 2 military, 15 government, 16 surfing/related, 42 self-employed, 24 other, 6 retired, 10 house spouse, 1 unemployed?
11. Ethnicity: 9 Hawaiian/part, 131 Caucasian, 5 Japanese, 1 Chinese, 1 Filipino, 1 Black, 2 Native American, 2 Hispanic, 20 other/mixed?
12. What sports/activities do you do in a typical week?

69 board surfing, 35 body boarding, 32 body surfing, 29 wind-surfing, 24 fishing, 33 diving, 14 boating, 29 tennis, 15 basketball, 17 soccer, 13 baseball/softball, 18 volleyball, 27 golf, 13 horseback riding, 79 bike riding, 96 swimming, 52 jogging, 19 aerobics, 37 other

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL ENGINEERS
100 SOUTH KING STREET
HONOLULU HAWAII 96813



TELEPHONE: 535-6100
FAX: 535-6100
HONOLULU, HAWAII 96813

TE-3241
PL93.3.049

August 27, 1993

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

Dear Chair Ahue:

Subject: Draft Environmental Assessment Ke Ala Pupukea
Pedestrian Path/Bikeway, North Shore, Oahu, Hawaii

We have received your department's comments to Engineers
Surveyors Hawaii, Inc., dated August 4, 1993.

The review and determination of "no effect" by the State Historic
Preservation Office has been duly noted.

Thank you for your continuing interest and cooperation.

Sincerely,

JOSEPH M. MAGALDI, JR.
Director

cc: Engineers Surveyors Hawaii, Inc.

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

P.O. BOX 831
HONOLULU, HAWAII 96809

REF: OCEA:SKB

DATE: 8/23/93

FILE NO.: 93-679a
DOC. ID.: 3207

Mr. Robert T. Matarì, Vice President
Engineer Surveyors Hawaii, Inc.
Building No. 6
1020 Auahi Street, Suite No. 1
Honolulu, Hawaii 96814

Dear Mr. Matarì:

Subject: Draft Environmental Assessment (DEA); Ke Ala Pupukea Pedestrian
Path/Bikeway, North Shore, Oahu

The following are our Historic Preservation Division's (HPD) comments on
the subject project which supplement those forwarded in our previous
letter dated July 22, 1993.

Historic Preservation Division

The project involves 10' wide pathways be constructed along existing
street and highway rights-of-way. Stream crossings will utilize existing
pier footings. Since existing rights-of-way have been modified, we
believe that this project will have "no effect" on historic sites.

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

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

Very truly yours,

KEITH W. AHUE

JOSEPH M. HIGALDI, JR.
DIRECTOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097
July 8, 1993

RE: JOHNSON
DIRECTOR
DRAFT ENVIRONMENTAL ASSESSMENT
JOYCE T. O'NEILL
AL PANDA
JEANNE M. KATZ
CATHY W. TEBKA

URGENT REFERENCE
HHY-PS
2.7506

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL BUILDING
808 SOUTH KING STREET
HONOLULU, HAWAII 96813



JOSEPH M. HIGALDI, JR.
DIRECTOR
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

TE-2783
PL93.J.036
HHY-PS 2.7506

August 5, 1993

Mr. Robert T. Watari
Vice President
Engineers Surveyors Hawaii
1020 Auahi Street, Building No. 6
Honolulu, Hawaii 96814

Dear Mr. Watari:

Subject: Draft Environmental Assessment
Ke Ala Pupukea Pedestrian Path/Bikeway

Thank you for your letter of June 16, 1993 transmitting the subject document for our review and comments.

We have the following comments:

1. Sometime in the future, we plan to widen the existing Kamehameha Highway to a 4-lane divided facility to accommodate increasing vehicular traffic in the North Shore area. The bikeway Master Plan which includes bicycle facilities along the North Shore area is currently being revised. The Ke Ala Pupukea project is conceptually included in this revision. The City should closely coordinate setback requirements and the use of the State highway rights-of-way with our Highways Division.
2. The applicant should abide and conform to applicable current rules/laws governing the use of Traffic Control Devices at work sites adjacent to public roadways. Safety should be a prime consideration during construction.
3. Roadway construction plans for work done within our highway rights-of-way must be submitted for our review and approval.

Sincerely,

Rex D. Johnson
Rex D. Johnson
Director of Transportation

Honorable Rex D. Johnson
Director of Transportation
State Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813-5097

Dear Mr. Johnson:

Subject: Draft Environmental Assessment
Ke Ala Pupukea Pedestrian Path/Bikeway

We have received your comments dated July 8, 1993 on the proposed Ke Ala Pupukea Pedestrian Path/Bikeway, and we respond as follows:

1. We acknowledge the State's plans to widen the existing Kamehameha Highway on the proposed project alignment. We note that in the widening, the conceptual inclusion of our project is a part of the bikeway master plan. We will continue to maintain contact with your highway planning staff to coordinate the setback requirements in the planned use of the highway corridor.
2. The contractor will be required to maintain the appropriate and mandatory traffic control devices at all work sites for this project. We share your concern that safety is a prime consideration during construction.
3. We will be providing the highway improvements construction plans to your department for review and approval when they have been completed.

Thank you for your continuing cooperation. Should there be any questions, please contact Thomas Baba of my staff at 527-5009.

Sincerely,
Joseph M. Higaldi, Jr.
JOSEPH M. HIGALDI, JR.
DIRECTOR

cc: Engineers Surveyors Hawaii, Inc.



STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3218
HONOLULU, HAWAII 96811

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

In reply, please refer to:

92-169/epo

July 26, 1993

Mr. Robert T. Watarai
Vice President
Engineers Surveyors Hawaii, Inc.
1020 Auahi Street, Building No. 6, Suite 1
Honolulu, Hawaii 96814

Dear Mr. Watarai:

Subject: Draft Environmental Assessment for
Ke Ala Pupukea Pedestrian Path/Bikeway
Waimea Bay to Hahaione
North Shore, Oahu

Thank you for allowing us to review and comment on the subject project. We feel that this is a very worthwhile project however, we have a few precautionary comments to offer:

Water Quality Certification

A Section 401 Water Quality Certification (WQC) is required for "any applicant for a Federal license or permit to conduct any activity including, but not limited to, the construction or operation of facilities, which may result in any discharge into the navigable water..." pursuant to Section 401 (a) of the Federal Water Pollution Act (commonly known as the "Clean Water Act (CWA)").

The Department of Health is requesting that the applicant contact the Army Corps of Engineers (COE), Operations Division to identify whether a Federal permit (including a Department of Army (DA) permit) is required for their project. A Section 401 WQC is required whenever a Federal permit is required for the project.

Storm Water Discharge

A storm water National Pollutant Discharge Elimination System (NPDES) permit is required for construction activities which involve the clearing, grading, and excavation of equal to or greater than five (5) acres of total land area. This application should be submitted to the Director of Health at least 90 days before the date on which construction is to commence.

Any construction dewatering activity discharging water into surface waters will require an NPDES permit.

Mr. Robert T. Watarai
July 26, 1993
Page 2

Should the project require site remediation for contaminated ground water, an additional NPDES permit is required for discharge of treated ground water into surface waters.

If you should have any questions on this matter, please contact Mr. Devender Karala of the Clean Water Branch at 586-4309.

Nonpoint Source Pollution Concerns

In addition to those measures required by the County Grading Ordinance, Erosion and Sediment Control Plan, the following practices should be considered to minimize and control nonpoint source pollution:

- a. Conduct grubbing and grading activities during the low rainfall months (April - October).
- b. Do not block existing waterways; avoid allowing sediment and other pollutants resulting from construction activity to enter the streams.
- c. Bare areas should be replanted with groundcover as soon as grading is completed to stabilize banks. New plantings will require soil amendments, fertilizers, and temporary irrigation to become established. Use high seeding rates to ensure rapid stand establishment.

If you should have any questions on this matter, please contact Ms. Shirley Nakamura of the Environmental Planning Office at 586-4337.

Very truly yours,

JOHN C. LEWIS, M.D.
Director of Health

c: Clean Water Branch
Environmental Planning Office

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU FILE COPY

HONOLULU MUNICIPAL BUILDING
480 SOUTH KING STREET
HONOLULU, HAWAII 96813



PERMIT # 488
-1-100

JOSEPH M. GALDI, JR.
DIRECTOR

AMAR SINGH
SUPERVISOR

TE-3028
PL93.J-046
92-169/epo

August 13, 1993

John C. Levin, M.D.,
Director
Department of Health
State of Hawaii
P.O. Box 3378
Honolulu, Hawaii 96801

Dear Dr. Levin:

Subject: Draft Environmental Assessment for the Ke Ala
Pupukea Pedestrian Path/Bikeway, Waimea Bay to
Kalahele, North Shore, Oahu

We have received your agency's comments dated July 26, 1993 on
the subject project and respond in the following:

Water Quality Certification

The proposed project has been reduced significantly in scope from
the initial planning and design. The Corps of Engineers
requirement for a Section 404 permit will be eliminated by the
virtue of total elimination of work within the purview of the
Corps of Engineers. All improvements are now planned for
existing highway rights-of-way and will not involve stream or
drainage crossings. This will in turn obviate the need for a
Section 401 Water Quality Certification.

Storm Water Discharge

Similarly, the scope of the total improvements now anticipated
for the pedestrian path/bikeway will be less than 5 acres.
Therefore, a National Pollutant Discharge Elimination System
permit will not be required. The contractor will however be
required to employ Best Management Practices during the
construction phase.

John C. Levin, M.D.
Page 2
August 13, 1993

Non-Point Source Pollution Concerns

All proposed grading will be taking place within existing State
highway rights-of-way and consequently will meet both county
grading code standards as well as the State Highways and Federal
Highway Administration requirements. All contractor work will
include the recommendations made by your department.

Thank you for your continuing interest and cooperation.

Sincerely,

JOSEPH M. GALDI, JR.
Director

rly(T. Baba) 1.4 2
PL93J046.DOC

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU
HONOLULU MUNICIPAL BUILDING
496 SOUTH KING STREET
HONOLULU, HAWAII 96813



FRANKIE FARM
MAILING

JOSEPH M. MAGALDI, JR.
DIRECTOR
ADMINISTRATIVE SERVICES

TE-2836
FL93.3.039

August 3, 1993

MEMORANDUM

TO: ROBIN FOSTER, CHIEF PLANNING OFFICER
PLANNING DEPARTMENT

FROM: JOSEPH M. MAGALDI, JR., DIRECTOR

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR THE KE ALA PUPUKA
PEDESTRIAN PATH/BIKEWAY

We have received your comments dated July 9, 1993 on the subject project and acknowledge your support for the proposed improvements.

Your continuing support and cooperation are appreciated.

cc: ESH Hawaii, Inc.

JOSEPH M. MAGALDI, JR.

PLANNING DEPARTMENT
CITY AND COUNTY OF HONOLULU
496 SOUTH KING STREET
HONOLULU, HAWAII 96813



FRANKIE FARM
MAILING

ROBIN FOSTER
CHIEF PLANNING OFFICER
ROLAND D. LIEST, JR.
DEPUTY CHIEF PLANNING OFFICER

LH 7/93-1444

July 9, 1993

Mr. Robert T. Watari
Engineers Surveyors Hawaii, Inc.
Suite No. 1, Building No. 6
1020 Auahi Street
Honolulu, Hawaii 96814

Dear Mr. Watari:

Draft Environmental Assessment for
Ke Ala Pupukea Pedestrian Path/Bikeway

We have reviewed the subject Draft Environmental Assessment and continue to support the proposed project.

Thank you for the opportunity to comment on this matter. Should you have any questions, please contact Lin Wong of our staff at 523-4485.

Sincerely,

ROBIN FOSTER
Chief Planning Officer

RF:ft

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU
810 SOUTH KING STREET
HONOLULU, HAWAII 96813



FRANK FARI
DIRECTOR

JOSEPH M. MAGALDI, JR.
DIRECTOR
MANAGERIAL
SERVICES DIVISION

TE-2836
PL93.3.039

August 3, 1993

MEMORANDUM

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

FROM: JOSEPH M. MAGALDI, JR., DIRECTOR

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT (EA) FOR THE KE ALA
PUPUKEA PEDESTRIAN PATH/BIKEWAY, KANEHAMEHA HIGHWAY,
WAIHEA BAY TO WAIALE'AE
TAX MAP KEYS: 5-2-1, 2, 3, 4, 12, 20

We have reviewed your comments dated July 14, 1993 on the subject EA document and we respond in the following:

1. Temporary berms will not be used since the bulk of the grading improvements will take place on existing highway shoulder areas. Where it is necessary, Best Management Practices will be employed for erosion control and surface runoff mitigation. These will be provided in the final construction drawings.
2. The Department of Land and Natural Resources certification was effective on the 14th day after the date of the shoreline certification (See attached letter). A copy of the certification has been sent to your staff person's attention under separate cover.

Should you have any questions, please contact Mark Kikuchi of my staff at local 5026.

Attachment

cc: ESH Hawaii, Inc.

JOSEPH M. MAGALDI, JR.

DEPARTMENT OF LAND UTILIZATION
CITY AND COUNTY OF HONOLULU
810 SOUTH KING STREET
HONOLULU, HAWAII 96813



FRANK FARI
DIRECTOR

DONALD A. CLEGG
DIRECTOR
DEPARTMENT OF LAND UTILIZATION

93-04305 (DT)

July 14, 1993

Mr. Robert T. Watari
Vice President
Engineers Surveyors Hawaii, Inc.
1020 Auahi Street
Building No. 6, Suite No. 1
Honolulu, Hawaii 96814

Dear Mr. Watari:

Draft Environmental Assessment (EA) For The
Ke Ala Pupukea Pedestrian Path/Bikeway
Kanehameha Highway, Waiheea Bay to Waiale'ae
Tax Map Keys: 5-2-1, 2, 3, 4, 12, 20

We have reviewed the above Draft EA and offer the following comments:

1. The Final EA should mention whether temporary berms will be erected during the grading/filling phase of the project.
2. The Draft EA included a letter from the State Department of Land and Natural Resources (DLNR) that a shoreline survey for the project is certified, but is subject to appeal. What is the status of the appeal? If the shoreline issue has been resolved, please submit a copy of the survey to our department.

Thank you for the opportunity to comment. If you have any questions, please contact Dana Teramoto of our staff at 523-4648.

Very truly yours,

DONALD A. CLEGG

Director of Land Utilization

DAC:dt
dablar.dtc

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU
HONOLULU MUNICIPAL BUILDING
830 SOUTH KING STREET
HONOLULU, HAWAII 96813



FRANK F. FASI
MAYOR

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

FRANK F. FASI
MAYOR

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



C. MICHAEL STREET
DIRECTOR AND CHIEF ENGINEER
KENNETH C. SPRAGUE
DEPUTY DIRECTOR

ERV 93-152

September 10, 1993

July 12, 1993

MEMORANDUM

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

FROM: JOSEPH M. MAGALDI, JR., DIRECTOR

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT (DEA)
KE ALA PUPUKEA PEDESTRIAN PATH/BIKEWAY
TRK: 5-9-1.2.3.4.19 AND 20

We have received your comments dated July 12, 1993 on the proposed project and we respond as follows:

1. We acknowledge your "No objection" position.
2. We will design and construct all improvements to applicable County building code standards.
3. All final construction drawings will be provided to your department for review and approval.

Your comments and continuing cooperation are appreciated.

JOSEPH M. MAGALDI, JR.

Mr. Robert Watari
Vice President
Engineers Surveyors Hawaii, Inc.
Suite No. 1
Building No. 6
1020 Auahi Street
Honolulu, Hawaii 96814

Dear Mr. Watari:

Subject: Draft Environmental Assessment (DEA)
Ke Ala Pupukea Pedestrian Path/Bikeway
TRK: 5-9-1.2.3.4.19 AND 20

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

1. We have no objections to the proposed project.
 2. Improvements within the City right-of-way should be in accordance with the City's standards.
 3. Submit construction plans for review and approval.
- Should you have any questions, please contact Mr. Alex Ho, Environmental Engineer, at 522-4150.

Very truly yours,

C. MICHAEL STREET
Director and Chief Engineer