

LINDA CROCKETT LINGLE
Mayor

CHARLES JENCKS
Director
AARON SHINMOTO, P.E.
Chief Staff Engineer



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
AND WASTE MANAGEMENT
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793
February 28, 1995

RALPH NAGAMINE, L.S., P.E.
Land Use and Codes Administration
EASSIE MILLER, P.E.
Wastewater Reclamation Division
RECEIVED
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DAVID P.C.W. LEE, P.E.
Engineering Division
DAVID WISSMAR, P.E.
Solid Waste Division
DAIJIRO YAMASHIRO, P.E.
Highways Division

OFFICE OF ENVIRONMENTAL
QUALITY CONTROL

Mr. Gary Gill
Director
OFFICE OF ENVIRONMENTAL QUALITY CONTROL
220 South King Street, 4th Floor
Honolulu, HI 96813

SUBJECT: NEGATIVE DECLARATION FOR
LOWER HONOAPIILANI ROAD IMPROVEMENTS, PHASE II
F.A.P. NO. STP-3830(5)
TMK: 4-4-01 & 4-3-06
HONOKOWAI, MAUI, HAWAII

Dear Mr. Gill:

The County of Maui, Department of Public Works & Waste Management (DPWWM) has reviewed the comments to the Draft Environmental Assessment (EA) received during the thirty (30) day public comment period which began on January 8, 1995. The County of Maui DPWWM has determined that this project will not have significant environmental effects and has issued a negative declaration. Please publish this notice in the March 8, 1995 OEQC Bulletin.

We have enclosed a completed OEQC Bulletin Publication Form and four (4) copies of the final EA. Please contact Mr. Joe Krueger of our Engineering Division at 243-7745.

Sincerely,

A handwritten signature in black ink, appearing to read "Charles Jencks".

Charles Jencks
Director of Public Works & Waste Management

LL/mik(ED95-293)
G:\ENGL\ALL\LHP2\DEAO.EQC

Enclosure

21
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1995-03-23-MAFEA-Honoapiilani Lower Road Phase III Project
MAR 23 1995

FINAL ENVIRONMENTAL ASSESSMENT
FOR THE
LOWER HONOAPIILANI ROAD, PHASE II
HONOKOWAI, MAUI, HAWAII
(TMK: 4-4-01 & 4-3-06)

Proposing Agency:
Department of Public Works and Waste Management
County of Maui

This document was prepared
pursuant to Chapter 343, HRS



ASSOCIATES, INC.
Engineers/Architects

March 1995

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SECTION 1
INTRODUCTION

SECTION 1
INTRODUCTION

The purpose of this project is to improve the existing conditions along a section of the Lower Honoapiilani Road. The proposed improvements will allow for safer pedestrian access, better driving conditions, and more efficient drainage around the site.

1.1 APPLICANT/PROPOSING AGENCY

County of Maui, Department of Public Works and Waste Management.

1.2 APPROVING AGENCY

County of Maui, Department of Public Works and Waste Management.

1.3 AGENCIES CONSULTED IN MAKING THE ASSESSMENT

1. Clean Water Branch, State Department of Health
2. Commission on Water Resources Management, Department of Land and Natural Resources
3. County of Maui, Department of Public Works
4. County of Maui, Planning Department

5. Hawaii State Land Use Commission
6. Hawaii State Office of Environmental Quality Control
7. State Historic Preservation Review
8. U. S. Army Corp of Engineers, Operations Division

Letters of correspondence with the agencies consulted in making the assessment are included in the Appendix.

SECTION 2

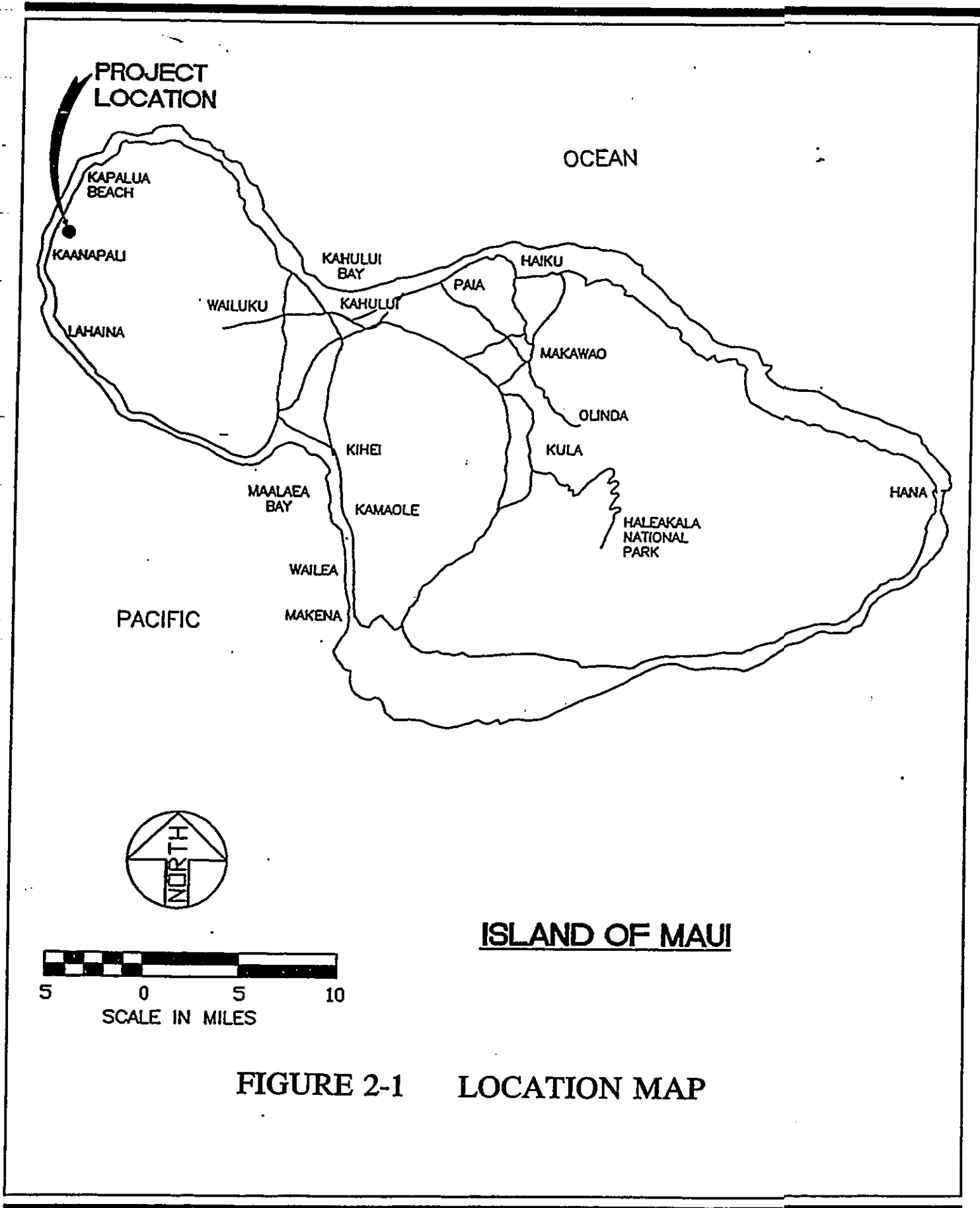
PROJECT DESCRIPTION

SECTION 2
PROJECT DESCRIPTION

The proposed project is identified as Phase II of the Lower Honoapiilani Road improvements. Phase I of the project, located between the north side of Honokowai Stream and the south side of an existing earth ditch near Honokowai Beach Park, is currently under construction. Phase II will improve approximately 2,170 linear feet of roadway and drainage along Lower Honoapiilani Road, and an existing parking lot at Honokowai Beach Park.

2.1 LOCATION OF THE PROJECT

The proposed project is located in the town of Honokowai, in the Lahaina District of northwest Maui, as shown in Figure 2-1. The town of Lahaina lies to the south of the site, while Mahinahina is immediately to the north. The project is bordered by the West Maui mountain range to the east and the Pacific Ocean to the west. The site can be accessed from the Honoapiilani Highway and is located on Lower Honoapiilani Road, between an existing earth ditch just south of Honokowai Beach Park and the Mahinahina Stream as shown in Figure 2-2. The designated Tax Map Key numbers for the project site are 4-4-01 and 4-03-06.



ISLAND OF MAUI

FIGURE 2-1 LOCATION MAP

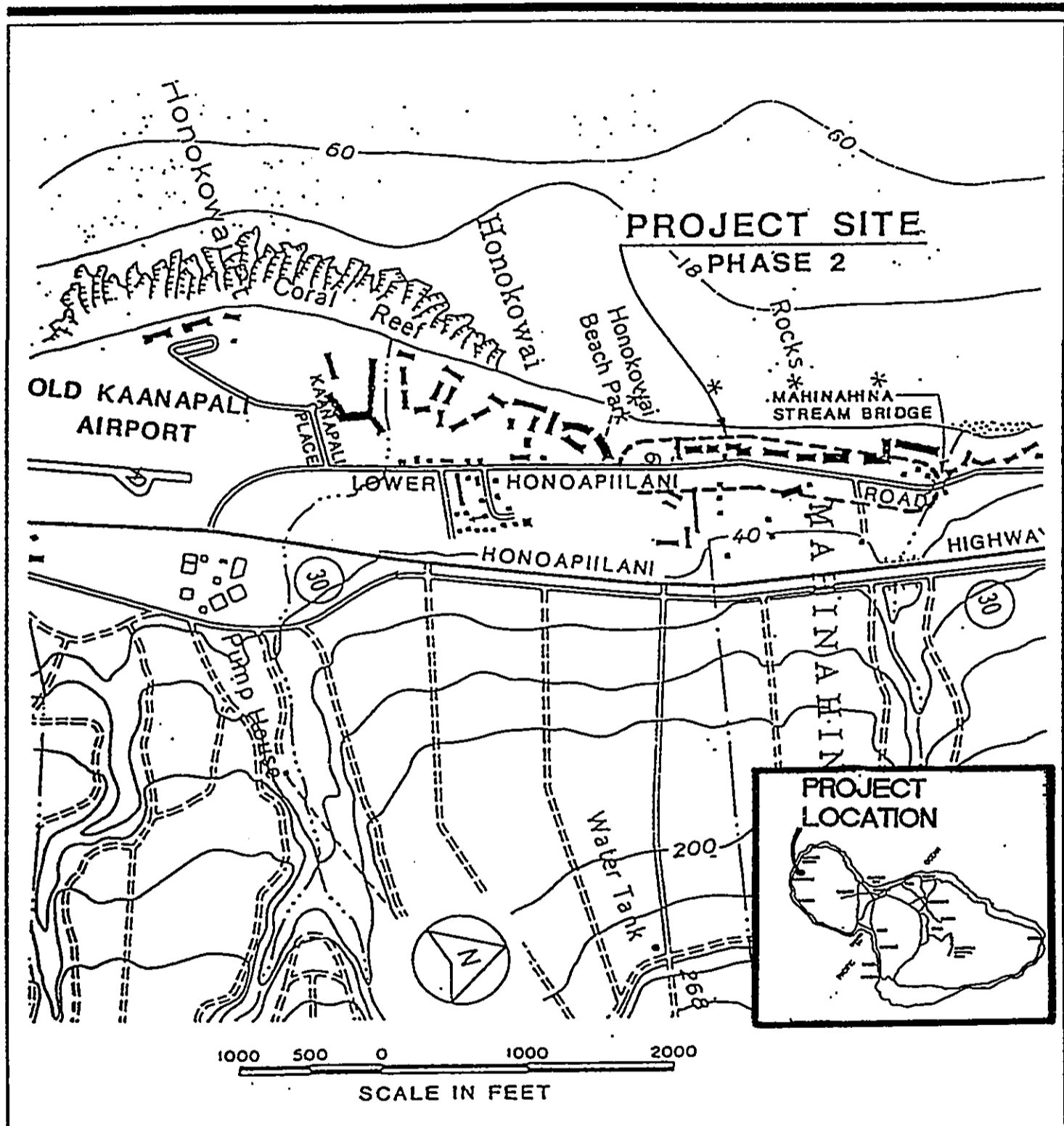


FIGURE 2-2 PROJECT SITE LOCATION

2.1.1 Land Ownership

Lower Honoapiilani Road and its respective right-of-way is owned by the County of Maui. Most of the property along the roadway is privately owned.

2.1.2 Land Use

Land use around the project site varies from parcel to parcel. Most of the parcels along the roadway consist of multi-family residential areas that include apartment complexes and condominiums. Other land uses include commercial and business locations and a public recreational area (Honokowai Beach Park).

2.1.3 Applicable Governmental Permits

The following permits and approvals will be required for the project:

- State Department of Health National Discharge Elimination System General Permit. (Hydrotesting and Construction Dewatering)
- Grading/Grubbing Permit
- County of Maui, Special Management Area Permit

The proposed project is exempt from the following permits:

- U.S. Army Corp of Engineers - General Permit
- State Department of Health Section 401 Water Quality Certification

- State Department of Land and Natural Resources, Stream Alteration/Diversion Permit

Written confirmation from the appropriate agencies for permit exemptions are included in the Appendix.

2.2 PROPOSED IMPROVEMENTS

The proposed improvements to the Lower Honoapiilani Road Phase II project will affect the roadway and the Honokowai Beach Park parking lot. Specific improvements to the roadway consist of resurfacing and replacement of asphalt concrete (AC) pavement, new concrete curbing and sidewalks at specified locations, and the addition of a new sub-surface drainage collection system. The proposed improvements to the parking lot will include new AC pavement, AC curbing, drain inlets, a drain piping system and parking striping.

2.3 DEVELOPMENT SCHEDULE AND COST

Commencement of the improvements will be contingent upon satisfying license and permit requirements and upon acquisition of equipment and materials. The project schedule has yet to be determined. The estimated cost of the proposed project is valued at \$2,600,000.

2.4 NEED FOR THE PROJECT

Improvements to the Lower Honoapiilani Road are needed in order to accommodate the growing community in the Honokowai area. Growth in the community has caused an increase in vehicular traffic on the road, as well as greater use of the sidewalks by pedestrians. The proposed improvements will allow for safer pedestrian travel on the sidewalks, better driving conditions, and more efficient drainage around the site. The parking lot at the Honokowai Beach Park needs to be improved due to the presently deteriorating pavement conditions.

SECTION 3

EXISTING CONDITIONS

SECTION 3
EXISTING CONDITIONS

3.1 EXISTING LAND USE DESIGNATIONS

The land use designations of the proposed site are governed by the State of Hawaii and the County of Maui as follows:

- 1) State Land Use District Boundary Designation: Urban, Agricultural
- 2) Maui Community Plan Designation: Multi-family residential, public/quasi-public, park, business/commercial and open space
- 3) Maui County Zoning Designation: R-3, A-1, A-2, B-2

The State Land Use District Boundary map is shown in Figure 3-1.

3.2 SURROUNDING LAND USE

Most of the land use surrounding the project site consists of residential lots. Among these lots, apartment complexes and condominiums are the most predominant.

3.3 TOPOGRAPHY

The topography of the project site is generally flat, sloping approximately 0.4 to 2 percent in the southerly direction towards Honokowai Beach Park. The elevations

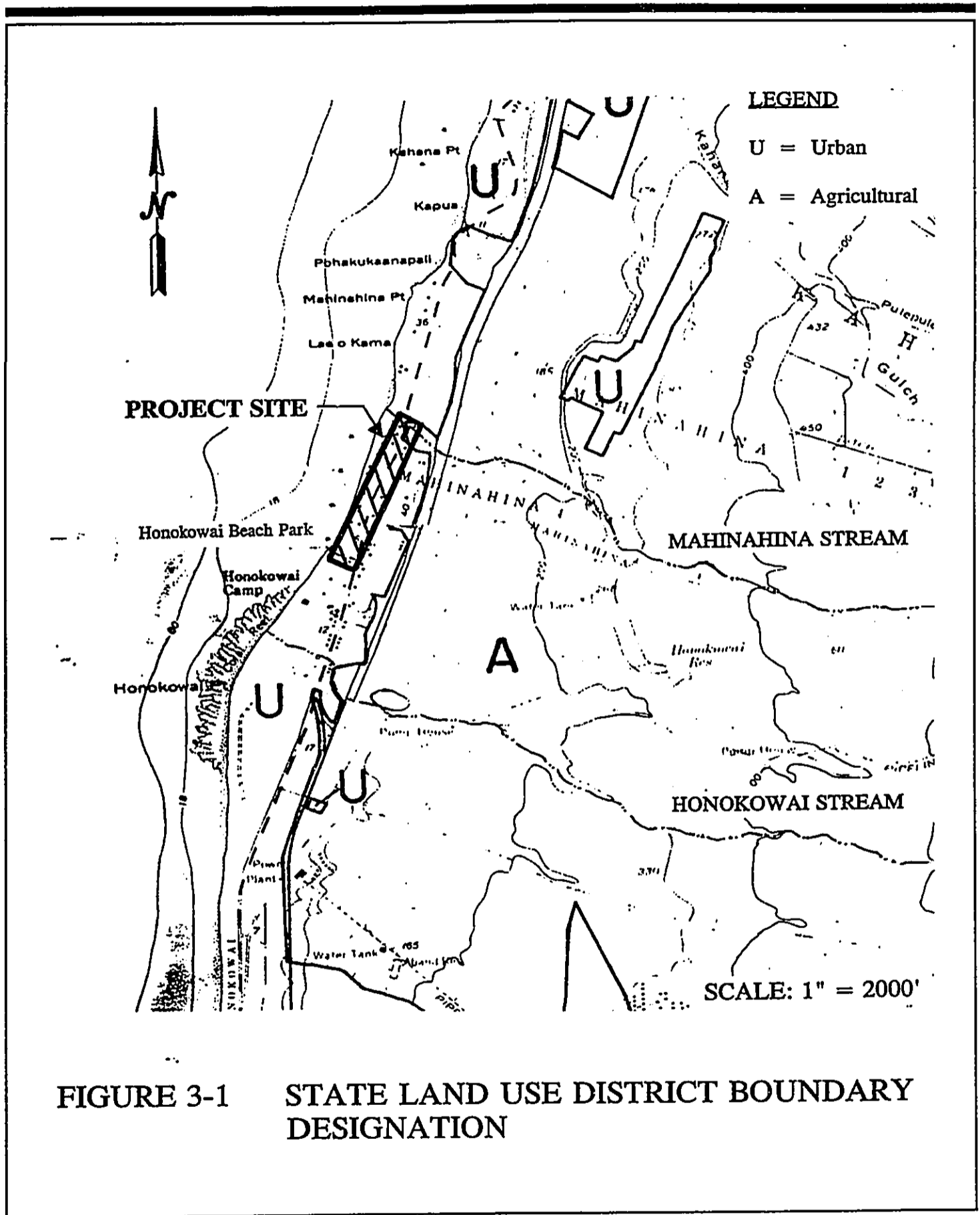


FIGURE 3-1 STATE LAND USE DISTRICT BOUNDARY DESIGNATION

within the site range from roughly 5 ft mean sea level (MSL) to 20 ft MSL.

3.4 SOILS

According to the "Soil Survey of the Islands of Kauai, Oahu, Maui, Molokai and Lanai," the soils within the project site are primarily classified as Ewa silty clay loam (EaA) and Pulehu clay loam (PsA) as shown in Figure 3-2. Both of these soil types are derived from basic igneous rock and are composed of well-drained soils in basins and on alluvial fans. The erosion hazard is considered to be slight, while run-off for these soils is generally slow.

3.5 FLOOD HAZARDS

According to the Federal Insurance Rate Maps generated by the Federal Emergency Management Agency (FEMA), the southern half of the project site and the northern end around Mahinahina Stream is classified as Zone A4. This zone, shown in Figure 3-3, represents areas inundated by a 100-year flood, with base flood elevations of 10 feet and 13 feet above mean sea level, respectively. The northern half of the project falls under a Zone C classification, or areas of minimal flooding.

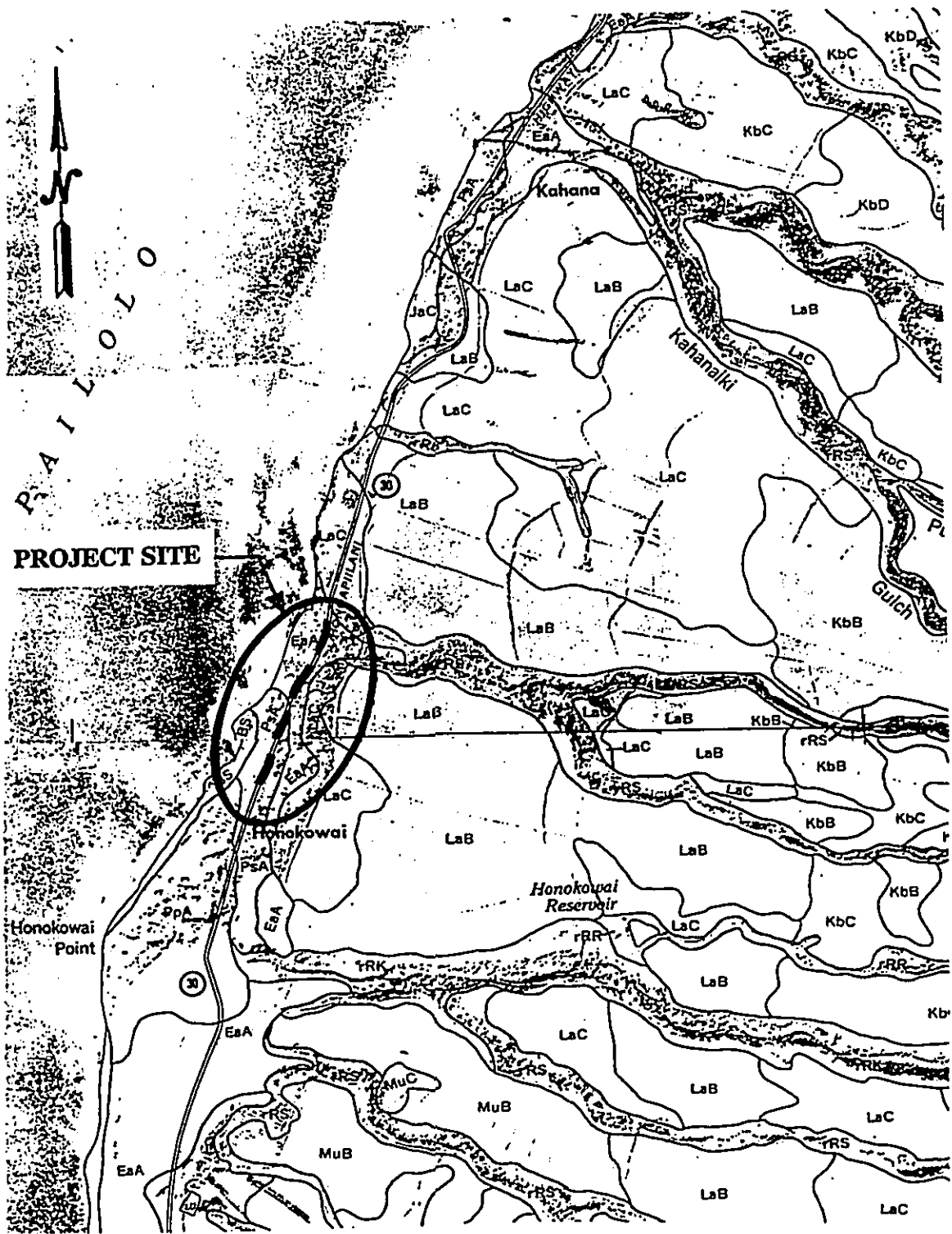


FIGURE 3-2 SOIL CLASSIFICATION
SCALE: 1" = 2000'

LEGEND

ZONE A4, A5 - Areas of 100-year flood;
base flood hazard factors determined

ZONE B - Areas between limits of the 100-
and 500-year floods; or those areas subject
to a 100-year flooding with average depths
less than 1' or where the contributing drainage
area is less than 1 square mile; or areas
protected by levees from the base flood.

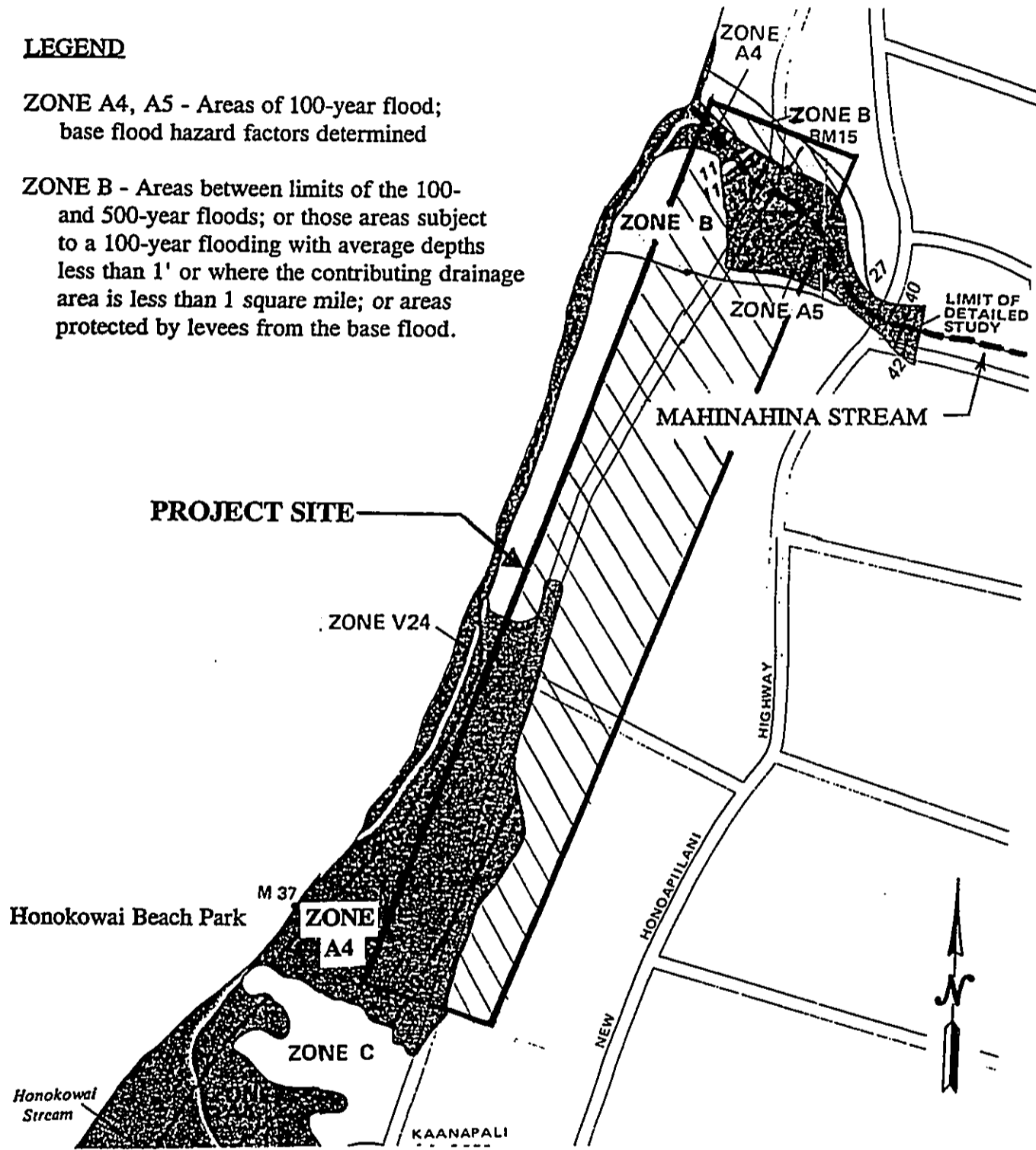


FIGURE 3-3 FLOOD ZONE MAP
SCALE 1" = 250'

3.6 EARTHQUAKE HAZARDS

The island of Maui is classified as a Seismic Zone 2B area as per the Uniform Building Code, 1991. Zone 0 is considered to be the least active zone, while Zone 4 is considered to be the most active.

3.7 FLORA AND FAUNA

The existing wildlife in the area of the project site is mostly endemic, including mice, mongoose, rats, and common birds such as the sparrow, myna and the dove. The project site and its surrounding area are already significantly disturbed, consisting mainly of extensive residential and business areas that are not likely natural habitats for wildlife. There are no rare, threatened or endangered species known within the project boundaries.

3.8 ARCHAEOLOGY

The project site is not part of the Maui County Historic District. The existence of natural landmarks is also not anticipated since the site is considered to be significantly disturbed and previous record searches do not indicate the presence of any historic sites. Should evidence of historic sites be encountered during construction, all activities in the area of the find shall cease and the State Historic Preservation Division shall

be notified immediately. The Division shall be provided sufficient time to assess the find and recommend appropriate mitigation measures. Any archaeological data recovery work that may be recommended by the Division shall be completed by a qualified archaeologist prior to the commencement of work in the area of the find. Completion of the mitigation work shall be confirmed by the Division, and a report of the findings shall be prepared and submitted to the Division for review and acceptance. If human skeletal remains are inadvertently encountered during construction, procedures outlined in Hawaii Revised Statutes 6E-43.6 shall be followed.

3.9 GEOLOGY

The island of Maui is comprised of two major volcanoes, from which three different series of volcano rock exist. The Wailuku Volcanic Series (the oldest series) consist of basaltic flows that formed the major shield. The Honolua Volcanic Series followed and covered the Wailuku Volcanic Series with thin, discontinuous andesitic and trachytic flows, domes and pyroclastic deposits. The flows and cones of the Lahaina Series, (the last of the series) followed the Honolua Series.

The Wailuku Volcanic Series consists primarily of thin pahoehoe and a'ā lava flows of tholeiite, olivine tholeiite, and oceanite. The major shield formed by this series reached a height of approximately 7,000 feet above sea level before collapsing. As a result, a caldera that spans roughly two miles in diameter was formed. Dikes tend to radiate in all directions from the summit, which contribute to the circular ground plan of the volcano.

Most of the flows from the Honolua Series are a'a, although some pahoehoe flows exist. The lava consists primarily of mugearite, with some trachyte and hawaiiite. The dikes formed by the mugearite are relatively thin, while the thickness of trachyte dikes can range up to 25 feet.

Following the final Honolua eruptions, a long period of erosion occurred. The flows from the Lahaina Volcanic Series were picrite-basalt which is predominantly phenocrysts of brownish-green olivine.

3.10 HYDROLOGY

The northwest migration of fresh water from the West Maui Mountains is indicated by the location of certain volcanic dikes and groundwater movement patterns in the Honokowai area. The thin basal water lens in the area is mostly due to the absence of a barrier rock formation along the shoreline, and possible geological limitations on groundwater recharge.

There are two streams near to the project site: Mahinahina and Honokowai Stream. Mahinahina Stream is located at the project site's northern boundary and flows intermittently. This stream becomes a rectangular concrete channel from the Honoapiilani Highway to the ocean. Another stream that is located near to the project site is Honokowai Stream. According to the Hawaii Stream Assessment (1990), Honokowai Stream is classified as an interrupted, perennial stream, where flow occurs year-round in the upper portions and

intermittently at the lower elevations. The median flow (the flow equalled or exceeded 50% of the time) of the stream is 1.3 cubic feet per second.

3.11 CLIMATE

The climate of Honokowai is usually sunny throughout the year, with a mean annual temperature of 74 degrees Fahrenheit. The annual rainfall in the vicinity ranges from approximately 10 to 30 inches.

SECTION 4
ENVIRONMENTAL IMPACTS

SECTION 4
ENVIRONMENTAL IMPACTS

The environmental impacts of the proposed project include the effects of construction activities, the impacts on public facilities, and the resulting socio-economic condition.

4.1 CONSTRUCTION IMPACTS

The proposed project will generate impacts that are typical of site preparation and construction activities. These impacts include air quality, discharge from construction dewatering activities, noise and traffic impacts which are temporary conditions that can be mitigated through compliance with the applicable federal, state and county regulations.

4.1.1 Air Quality

Emissions from trucks and construction equipment with diesel engines could cause short term air pollution impacts. However, these emissions are expected to be insignificant. Dust can be generated from construction activities such as vehicle movement and soil excavation. Dust emissions can be substantially reduced by the frequent watering of the construction site.

4.1.2 Noise Impacts

Noise impacts are expected from construction activities such as site preparation and excavation. Since the immediate area around the project site is a residential community, all efforts will be made to minimize the noise impacts.

4.1.3 Traffic Impacts

The traffic around the project site will be impacted since the road improvements will cause temporary traffic inconveniences. However, these short term traffic impacts will give way to a better and wider roadway for vehicular travel.

4.1.4 Discharge Impacts

Discharge from construction dewatering and hydrotesting procedures is expected. NPDES permits for such activities will therefore be required. Although the water that results from hydrotesting procedures is relatively clean, dewatering activities can produce discharge water that is laden with silt and suspended sediment. The water generated by dewatering activities will be filtered and treated prior to discharge. All discharge water shall be in compliance with the State Department of Health standards, County and federal regulations.

4.2 IMPACTS ON PUBLIC FACILITIES

The public facilities that be impacted by the proposed project include water, wastewater and electrical utilities.

4.2.1 Water

The existing water lines along the project site include an 8-inch and a 16-inch line. These water lines will need to be relocated at certain points so that the new drainage system can be installed. After the relocation of the water lines, the lines will be flushed and tested in order to ensure good potable water quality before distribution.

4.2.2 Sewer

A 24-inch sewer lines exists beneath Lower Honoapiilani Road. Since this utility will not need to be relocated, impacts to the sewer system are not expected.

4.2.3 Electricity

Some of the electrical lines will need to be relocated as a result of the road widening improvements. Any electrical relocation will be done in accordance with the requirements of the Maui Electrical Company, Inc.

SOCIO-ECONOMIC CONDITIONS

The socio-economic impacts that are expected from the proposed project include the temporary disruption of: traffic flow, driveway access to businesses and residential lots, park facilities, and pedestrian safety. Some new traffic may be generated as a result of the road improvements, but this slight increase is considered to be negligible. The nearby businesses may be temporarily affected because of the traffic inconveniences during construction. Access to some residential dwellings may be temporarily affected due to construction on certain driveways. There will be a shortage of parking at Honokowai Beach Park while improvements are made to the parking lot. Pedestrian safety may be temporarily affected during construction since the existing sidewalks will be demolished.

Additional economic impacts will involve the acquisition of small parcels that adjoin the existing roadway. These parcels include small portions of land with existing trees, shrubbery, garden walls and driveways that access adjacent properties. A positive economic impact that may result from the construction of the project is the short term production of construction related jobs, a minimal amount of revenue generated by local restaurants, and material and equipment supplies.

SECTION 5

**ALTERNATIVES TO THE
PROPOSED PLAN**

SECTION 5

ALTERNATIVES TO THE PROPOSED PLAN

The two alternatives to the proposed project are the "no action" and the "delayed action" options. The consequences to both alternatives are not very favorable since road and drainage improvements along the Lower Honoapiilani Road are needed.

5.1 NO ACTION

A "no action" alternative will not be practical or beneficial for motorists and the community. The deteriorating conditions of the project site warrant the need for improvements. These improvements are needed to accommodate increasing traffic, improve the insufficient drainage infrastructure, and to provide safer pedestrian travel. If the "no action" alternative is implemented, the problems with traffic, drainage and pedestrian safety will persist.

5.2 DELAYED ACTION

A "delayed action" alternative will have similar consequences as a "no action" alternative in that the problems with traffic, drainage and pedestrian safety will only become worse. Delaying any improvements to the site could also result in higher construction costs due to the effects of inflation.

SECTION 6

MITIGATIVE MEASURES

SECTION 6
MITIGATIVE MEASURES

Environmental protection and mitigative measures will be implemented during the design, construction and post-construction phases of the project. These measures are listed as follows:

- Any discharge resulting from construction dewatering activities or hydrotesting procedures will be disposed of properly after the appropriate NPDES permits are obtained. Discharge from dewatering activities will be filtered or treated as needed so that the water quality of the receiving waters can be maintained. Temporary erosion control measures will be implemented during construction to minimize soil loss.
- The use of muffled construction equipment, together with restricting construction activities to standard working hours, will help to mitigate the noise impacts. All operations will be in compliance with the State Department of Health's rules and regulations on noise control.
- Impacts from dust created by the movement of construction equipment and construction vehicles and excavation activities can be mitigated

through the frequent watering of the site.

- While construction on the roadway is occurring, the traffic impacts can be alleviated by providing well planned detours. Construction signs will also be posted before the construction site so that motorists can be aware of the temporary traffic inconveniences. Traffic control activity will be publicized as needed to inform motorists in advance o the activates.
- Physical construction activities shall occur during a period of normally low visitor counts.

SECTION 7

**NEGATIVE DECLARATION
DETERMINATION**

SECTION 7

NEGATIVE DECLARATION DETERMINATION

This document constitutes a Negative Declaration and as a result, an Environmental Impact Statement will not be required for the proposed Lower Honoapiilani Road Phase II project. This determination is in accordance with the Hawaii Revised Statutes, Chapter 343.

Although several potential negative impacts are expected from the proposed project, these impacts are temporary and will be minimized through the mitigation measures identified in the previous Section 6. The benefits that result from the proposed project far outweigh the short term negative impacts.

SECTION 8

EA COMMENTS AND RESPONSES

SECTION 8
EA COMMENTS AND RESPONSES

The following agencies were consulted in the review of the Draft
Environmental Assessment for the Lower Honoapiilani Road Phase II Project.

| <u>ADDRESSEE</u> | <u>DATE COMMENTS RECEIVED</u> |
|--|-------------------------------|
| STATE AGENCIES: | |
| Department of Business, Economic Development and Tourism Land Use Commission 3335 Merchant Street, Room 104 Honolulu, Hawaii 96813 | January 6, 1995 |
| Department of Health Environmental Management Division Clean Water Branch 919 Ala Moana Blvd. Honolulu, Hawaii 96814 | January 9, 1995 |
| Department of Land and Natural Resources Commission on Water Resource Management P.O. Box 621 Honolulu, Hawaii 96809 | January 18, 1995 |
| Department of Land and Natural Resources State Historic Preservation Division 33 South King Street, 6th Floor Honolulu, Hawaii 96813 | January 20, 1995 |

Office of Environmental Quality Control
220 S. King Street, 4th Floor
Honolulu, Hawaii 96813

COUNTY OF MAUI AGENCIES:

Planning Department
250 South High Street
Wailuku, Maui, Hawaii 96793

January 27, 1995

Department of Public Works and
Waste Management
220 South High Street
Wailuku, Maui, Hawaii 96793

January 19, 1995

FEDERAL AGENCIES:

Department of the Army
U.S. Army Corp of Engineers
Fort Shafter, Operations Division
Honolulu, Hawaii 96858-5440

January 18, 1995

All of the comments received have been addressed in the appropriate sections of the Final Environmental Assessment. Comments from the agencies are included in this section.

BENJAMIN J. CAYETANO
GOVERNOR



ESTHER UEDA
EXECUTIVE OFFICER

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

January 6, 1995

Mr. Michael M. Miyahira, P.E.
GMP Associates, Inc.
841 Bishop Street, Suite 1501
Honolulu, Hawaii 96813

Dear Mr. Miyahira:

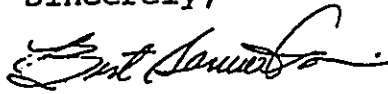
Subject: Draft Environmental Assessment (DEA) for the Lower
Honoapiilani Road, Phase II Project, Honokowai,
Maui, Hawaii, TMK No.: 4-4-01 & 4-3-06

We have reviewed the DEA for the subject project transmitted with your letter of December 21, 1994. As represented on Figure 3-1 of the DEA, it appears that the project site includes lands within the State Land Use Agricultural District along its northern boundary, in addition to lands designated within the State Land Use Urban District.

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

Should you have any questions, please feel free to call me or Bert Saruwatari of our office at 587-3822.

Sincerely,


for ESTHER UEDA
Executive Officer

EU:th

cc: OEQC

BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII



LAWRENCE MIKE
DIRECTOR OF HEALTH

RECEIVED
GMP ASSOCIATES, INC. STATE OF HAWAII
'95 JAN 18 AM 7 55 DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HAWAII 96801

In reply, please refer to:
EMD /

January 9, 1995

P01106KA

Mr. Michael M. Miyahira, P.E.
Environmental Engineer
GMP Associates, Inc.
841 Bishop Street, Suite 1501
Honolulu, HI 96813

Dear Mr. Miyahira:

Subject: Draft Environmental Assessment
Lower Honoapiilani Road, Phase II
Honokowai, Maui, Hawaii
TMK: 4-4-01 & 4-3-06

The Department of Health has reviewed the draft Environmental Assessment for the subject project and has no comments at this time. Our position is based on the understanding that the owner of the project will apply for National Pollutant Discharge Elimination System general permits for hydrotesting and dewatering activities.

Should you have any questions regarding this matter, please contact Mr. Alec Wong, Engineering Section of the Clean Water Branch, at 586-4309.

Sincerely,

A handwritten signature in cursive script, appearing to read "Denis R. Lau".

DENIS R. LAU, P.E., CHIEF
Clean Water Branch

KA:sl

BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII



RECEIVED
GMP ASSOCIATES, INC.

'95 JAN 19 AM 8 40

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P. O. BOX 621
HONOLULU, HAWAII 96809

MICHAEL D. WILSON
CHAIRPERSON

ROBERT S. NAKATA
J. DOUGLAS ING, ESQ.
ROBERT G. GIRALD
DAVID A. NOBRIGA
DR. LAWRENCE MIIKE

RAE M. LOUI, P.E.
DEPUTY

JAN 18 1995

Mr. Michael Miyahira, P. E.
GMP Associates, Inc.
841 Bishop Street, Suite 1501
Honolulu, Hawaii 96813

Dear Mr. Miyahira:

The opportunity to review and comment on the Draft Environmental Assessment (DEA) for the Lower Honoapiilani Road, Phase II project is appreciated.

We have previously commented on this project as appended in the DEA. We have no additional comments to offer.

Should you have any questions regarding this letter, please contact David Higa at 587-0249.

Sincerely,

A handwritten signature in cursive script, appearing to read "Raem Loui".

RAE M. LOUI
Deputy Director

DH:ss

BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII



MICHAEL D. WILSON, CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES

DEPUTY
GILBERT COLOMA-AGARAN

RECEIVED
GMP ASSOCIATES, INC.
'95 FEB 1 AM 8 15

STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

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

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

January 20, 1995

Mr. Michael M. Miyahira, P.E.
GMP Associates, Inc.
841 Bishop Street, Suite 1501
Honolulu, Hawaii 96813

LOG NO: 13624 ✓
DOC NO: 9501KD18

Dear Mr. Miyahira:

**SUBJECT: Historic Preservation Review of the Draft Environmental Assessment
Lower Honoapiilani Road Phase II Project
Honokawai, Lahaina, Maui TMK: 4-4-01**

Thank you for submitting for review a Draft Environmental Assessment for the Lower Honoapiilani Road (Phase II) improvements project in Honokawai. The proposed project includes both sides of the road between Honokawai Beach Park and Mahinahina Gulch. Proposed work consists of drainage improvements, sidewalks, and shoulder paving.

We have recently responded to a request for comments from your office (letter to J.T. Muratsuchi December 23, 1994) regarding this project. The following three paragraphs are taken from the December 23 letter:

Our records indicate that no known historic sites are present within or in the near vicinity of the project area. Much of the road right-of-way consists of alluvial soils and fill. Both sides of the road have been modified by previous residential, business and road construction activities. Previous excavation for underground pipelines has also occurred.

Our office has previously reviewed the SMA permit application for the Lower Honoapiilani Road improvement project (letter to Brian Miskae, January 26, 1993). In the prior review, we indicated that the presence of undisturbed historic sites is unlikely.

We have no new information regarding historic sites in the project area since our previous review, and have received no reports of inadvertent discoveries during

Mr. Michael M. Miyahira
Page 2

the Phase I road improvement construction activities. We therefore believe that the Phase II portion of the project will have "no effect" on historic sites.

The Draft EA contains a paragraph concerning archaeology in Section 3.8 (page 3-6). In this paragraph, it is stated that, "If an archaeological site is discovered during construction, work shall cease and the proper authorities shall be notified". In order to clarify this statement, we recommend that it be replaced with the following text:

Should evidence of historic sites be encountered during construction, all activities in the area of the find shall cease and the State Historic Preservation Division shall be notified immediately. The Division shall be provided sufficient time to assess the find and recommend appropriate mitigation measures. Any archaeological data recovery work that may be recommended by the Division shall be completed by a qualified archaeologist prior to the commencement of work in the area of the find. Completion of the mitigation work shall be confirmed by the Division, and a report of the findings shall be prepared and submitted to the Division for review and acceptance. If human skeletal remains are inadvertently encountered during construction, procedures outlined in Hawaii Revised Statutes 6E-43.6 shall be followed.

Please contact Ms. Theresa K. Donham at 243-5169 if you have any questions.

Sincerely



DON HIBBARD, Administrator
State Historic Preservation Division

KD:ab

LINDA CROCKETT LINGLE
Mayor



BRIAN W. MISKAE
Director

GWEN Y. OHASHI
Deputy Director

COUNTY OF MAUI
PLANNING DEPARTMENT
250 S. HIGH STREET
WAILUKU, MAUI, HAWAII 96793

JANUARY 27, 1995

Mr. Michael M. Miyahira, P.E.
Environmental Engineer
GMP Associates, Inc.
841 Bishop Street
Suite 1501
Honolulu, Hawaii 96813

RE: Draft Environmental Assessment for the Lower Honoapiilani
Road, Phase II Project. Honokawai, Maui, Hawaii (TMK: 4-
4-01 & 4-3-06).

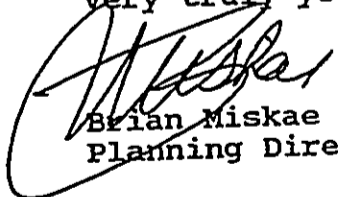
Dear Mr. Miyahira:

We have reviewed the Draft Environmental Assessment for the
subject project and offer the following comments:

1. The proposed project will require an SMA permit. A
timely application will aid in preventing possible
delays.
2. Section 6, Mitigative Measures, should consider that the
physical construction occur during a period of normally
low visitor counts.

Should you need additional information on this subject please
contact Don A. Schneider of this office at 808-243-7735.

Very truly yours,


Brian Miskae
Planning Director

(BP1:DAS/EA.GMP)

INDA CROCKETT LINGLE
Mayor
GEORGE N. KAYA
Director
CHARLES JENCKS
Deputy Director
AARON SHINMOTO, P.E.
Chief Staff Engineer



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
AND WASTE MANAGEMENT
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793

RALPH NAGAMINE, L.S., P.E.
Land Use and Codes Administration
EASSIE MILLER, P.E.
Wastewater Reclamation Division
LLOYD P.C.W. LEE, P.E.
Engineering Division
DAVID WISSMAR, P.E.
Solid Waste Division
BRIAN HASHIRO, P.E.
Highways Division

January 19, 1995

Mr. Michael M. Miyahira, P.E.
GMP ASSOCIATES, INC.
841 Bishop Street, Suite 1501
Honolulu, HI 96813

RECEIVED
GMP ASSOCIATES, INC.
95 JAN 24 PM 9 57

SUBJECT: LOWER HONOAPIILANI ROAD IMPROVEMENTS, PHASE II
FEDERAL AID PROJECT NO. STP-3080(6)

Dear Mr. Miyahira:

We have reviewed the Draft Environmental Assessment for the subject project and offer the following comments:

1. Add to last paragraph of Section 6: "Traffic control activity will be publicized as needed to inform motorists in advance of the activity." ✓
2. We agree with Section 7 that an Environmental Impact Statement will not be required. Also, the benefits that result from the proposed project far outweighs the short term negative impacts. ✓

If you have any questions, please call Joe Krueger of our Engineering Division at 243-745.

Very truly yours,

Charles Jencks
Director of Public Works & Waste Management

JK:mlk(ED95-91)
G:\ENGL\ALL\LHP1\DEA.GMP

xc: Planning Department
LUCA

8-9





REPLY TO
ATTENTION OF

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



January 18, 1995

Regulatory Branch

RECEIVED
GMP ASSOCIATES, INC.
'95 JAN 20 PM 2 35

Mr. Michael M. Miyahira, P.E.
Environmental Engineer
GMP Associates, Inc.
841 Bishop Street, Suite 1501
Honolulu, Hawaii 96813

Dear Mr. Miyahira:

Thank you for the opportunity to comment on the Draft
Environmental Assessment (EA) for the Lower Honoapiilani Road,
Phase II Project in Honokowai, Maui, Hawaii. We have no
additional comments to offer.

Sincerely,

Terrell E. Kelley
Terrell E. Kelley
Team Leader
Maui, Molokai, Lanai, and Kauai

REFERENCES

REFERENCES

State Department of Land and Natural Resources, Land Use Commission. Land Use District Boundary Maps - Napili and Lahaina quadrangles. 1983.

County of Maui. Lahaina Wastewater Treatment Plant Expansion Final Environmental Impact Statement. March 1983.

County of Maui, Department of Planning. Maui County Zoning Maps.

County of Maui, Department of Planning. Maui Community Plan Development Maps.

International Conference of Building Officials. Uniform Building Code. 1991 edition.

Maui Planning Commission. Special Management Area Use Permit for the Lower Honoapiilani Road, Phase I Project. County of Maui, Dept. of Public Works. 1993.

Federal Emergency Management Agency. City and County of Honolulu. Flood Insurance Rate Maps.

State of Hawaii Commission on Water Resource Management and Hawaii Cooperative Park Service Unit. Hawaii Stream Assessment. December 1990.

United States Department of Agriculture, Soil Conservation Service. Soil Survey of Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii. August 1972.

United States Department of Transportation, Federal Highway Administration and the Hawaii Department of Transportation. Final Environmental Impact Statement Honoapiilani Highway (FAP Route 30) Puamana to Honokowai.

APPENDIX

LETTERS OF CORRESPONDANCE:

OUTGOING LETTERS



Engineers/Architects

November 29, 1994

Department of Land and Natural Resources
State Historic Preservation Division
1151 Punchbowl Street
Honolulu, Hawaii 96813

ATTENTION: MR. TOM DYE

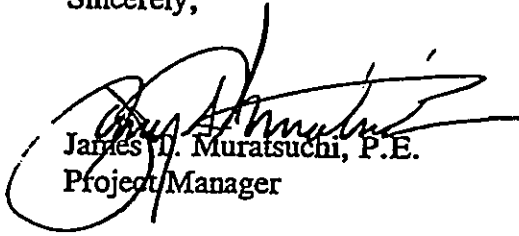
Re: Request for Historic/Archaeological Information for the
Lower Honoapiilani Road Phase II Project (TMK: 4-4-01)

Dear Mr. Dye:

GMP Associates, Inc. is currently doing an Environmental Assessment for the Lower Honoapiilani Road, Phase II project (TMK: 4-4-01) located in Honokowai, Maui and requests information on any significant historical or archaeological sites within the project area. The project consists of improving road and drainage conditions along a section of the Lower Honoapiilani Road. A location map of the site has been enclosed.

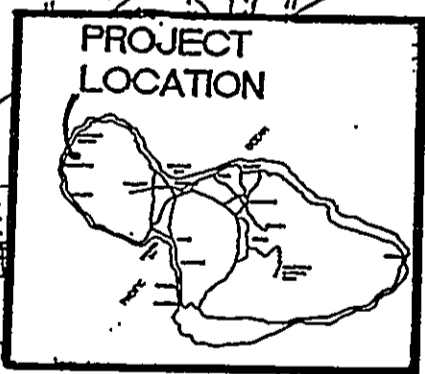
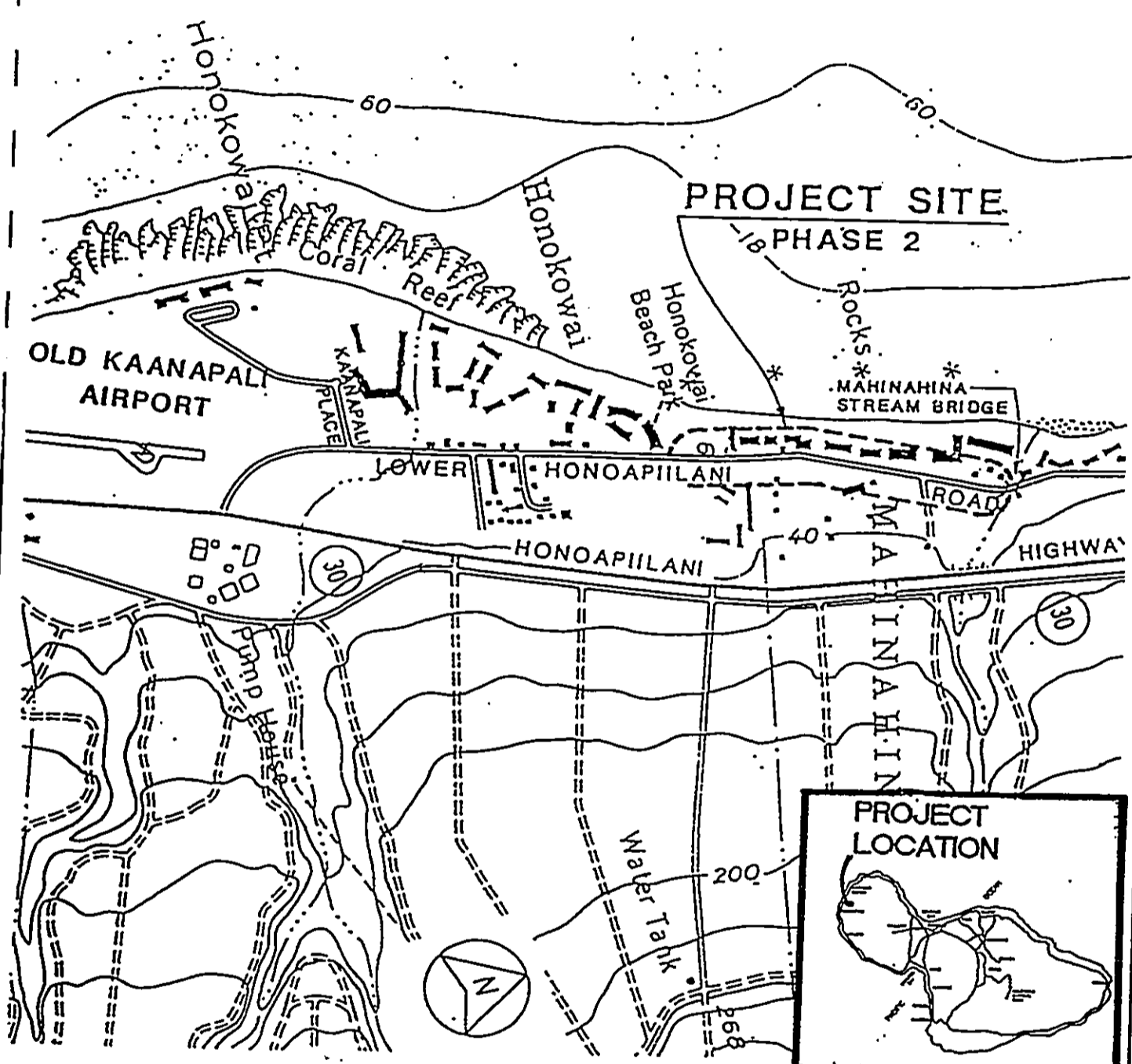
If you have any questions or require additional information regarding the project, please call Leanne Uyema at 521-4711. Thank you for your time and prompt attention to this request.

Sincerely,



James D. Muratsuchi, P.E.
Project Manager

Enclosure



LOCATION MAP



ASSOCIATES, INC.

Engineers/Architects

October 26, 1994

Mr. Denis Lau, Chief
Department of Health
Clean Water Branch
919 Ala Moana Boulevard, 3rd Floor
Honolulu, Hawaii 96814

ATTENTION: MR. ED CHEN

Dear Mr. Lau:

Re: Water Quality Certification for the Lower Honoapiilani Road, Phase II Project
Honokowai, Maui, Hawaii

This is to inform you that we will not be filing a 401 Water Quality Certification with the State Department of Health, Clean Water Branch for the Lower Honoapiilani Road, Phase II project.

We have received confirmation from the Army Corp of Engineers (letter enclosed) that the project does not require a Department of the Army permit. We have also obtained a categorical exclusion from the Federal Highway Administration for a federal Environmental Impact Statement requirement (document enclosed).

Since no federal permit or license will be needed for this project, we will not be submitting a 401 WQC to your office. Should you have any questions, please call Leanne Uyema at 521-4711.

Sincerely,

GMP ASSOCIATES, INC.


James T. Muratsuchi, P.E.
Project Manager

Enclosures



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



REPLY TO
ATTENTION OF

October 17, 1994

Regulatory Branch

SUBJECT: Lower Honoapiilani Road Improvements, Phase II, TMK
4-4-1, XNP 95-009

Ms. Leanne Uyema
GMP Associates, Inc.
841 Bishop Street, Suite 1501
Honolulu, Hawaii 96813

Dear Ms. Uyema:

On October 14, 1994, the U.S. Army Corps of Engineers inspected the site of the Lower Honoapiilani Road Project in Kaanapali, Maui. We determined that improvements to the existing drainage system, which include constructing a culvert under the Honokowai Beach Park parking lot and connecting it with the existing ditch, and placing rip rap in the existing ditch, will not require a Department of the Army (DA) permit.

You have been assigned the file number NP 95-009. If you have any questions about our determination, do not hesitate to give me a call at (808) 438-9258, extension 13, or Karen Tomoyasu at (808) 438-9258, extension 20.

Sincerely,

Terrell E. Kelley
Ecologist
Regulatory Branch

84 8 08 6T 100 46.
GMP ASSOCIATES, INC.
RECEIVED

DOCUMENT CAPTURED AS RECEIVED

| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | | | | (Hwy-SF RI/80) |
|---|---|---------------------|---|---|
| TRANSMITTAL AND/OR REQUEST FOR WAIVERS | | | STATE Hawaii | DATE 9/19/94 |
| ITEM NO. | PROJECT NOS. | LENGTH (Miles) | TOTAL ESTIMATED COST | OTHER IDENTIFICATION AND/OR REMARKS (State) |
| 94057 | STP-3080(6) | 0.4 | \$1,700,000 | <p style="text-align: center;">Lower Honoapiilani Rd. Imps. Ph II Honokowai Park to Mahinahina Stream (CON) (Maui County)</p> <p>1. This project is included in the FY 1994 Statewide Transportation Improvement Program (STIP).</p> <p>Attachments: 2 copies DOT 4-494 with sketch map.</p> |
| <p>REMARKS (FHWA)</p> <p>This project meets the criteria for categorical exclusion per 23 CFR 771.117(d)(1). An EIS is not required.</p> | | | | |
| RECOMMENDED BY FHWA | | | APPROVED BY FHWA | |
| DATE 9-22-94 | SIGNATURE AND TITLE <i>D. J. ...</i> | DATE SEP 22 1994 | SIGNATURE AND TITLE <i>William ...</i> | |



ASSOCIATES, INC.

Engineers/Architects

October 25, 1994

Mr. George Kaya, Director of Public Works
County of Maui
200 South High Street
Wailuku, Hawaii 96793

Dear Mr. Kaya:

Re: Environmental Assessment for the Lower Honoapiilani Road, Phase II Project
Honokowai, Maui, Hawaii (TMK 4-4-01)

GMP Associates, Inc. recommends that the County of Maui exempt the Lower Honoapiilani Road Phase II project from the requirement of a State environmental assessment (EA). This exemption is defined under the Hawaii Administrative Rules, Title 11, Chapter 200.

According to the Office of Environmental Quality Control (OEQC), the County of Maui, as the "proposing agency," has the authority to exempt the project from an EA requirement. We believe the project qualifies for an exemption under Exemption Class No. 1 for the County of Maui as approved by the Environmental Council, August 19, 1987:

Exemption Class No. 1: "Operations, repairs or maintenance of existing structures, facilities, equipment or topographical features, involving negligible or no expansion or change of use beyond that previously existing.

Item no. 3: "Resurfacing of existing streets and highways and parking areas with the same type of material as previously used."

This project improves an existing parking lot at Honokowai Beach Park and approximately 2,170 linear feet of road and drainage. The reconditioned parking lot will include new AC pavement, AC curbing, parking striping, drain inlets and a drain piping system. The road improvements will consist of new concrete resurfacing and replacement of AC pavement, new concrete curbing and sidewalks, and the addition of a new sub-surface drainage collection system.

Since this project also involves the use of federal funds, a federal EA is required unless the project is specifically exempted. The Federal Highway Administration has given a categorical



ASSOCIATES, INC.

Engineers/Architects

exclusion of an EA for this project (document enclosed). We believe the County of Maui/State of Hawaii should make a similar determination.

Should you have any questions, please call Leanne Uyema at 521-4711.

Sincerely,

GMP ASSOCIATES, INC.



James T. Muratsuchi, P.E.
Project Manager

Enclosures

| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | | | | STATE Hawaii | DATE 9/19/94 |
|---|---------------------|----------------|----------------------|-----------------------------------|--|
| TRANSMITTAL AND/OR REQUEST FOR WAIVERS | | | | BY (Signature) | |
| | | | | TITLE Chief, Highways Division | |
| ITEM NO. | PROJECT NOS. | LENGTH (Miles) | TOTAL ESTIMATED COST | FEDERAL FUNDS | OTHER IDENTIFICATION AND/OR REMARKS (Stole) |
| 94057 | STP-3080(6) | 0.4 | \$1,700,000 | \$1,360,000 | Lower Honoapillani Rd. Imps. Ph II Honokowai Park to Mahinahina Stream (CON) (Maui County) |
| REMARKS (FHWA) | | | | | |
| This project meets the criteria for categorical exclusion per 23 CFR 771.117(d)(1). An EIS is not required. | | | | | |
| Attachments: 2 copies DOT 4-494 with sketch map. | | | | | |
| RECOMMENDED BY FHWA | | | APPROVED BY FHWA | | |
| DATE | SIGNATURE AND TITLE | DATE | SIGNATURE AND TITLE | | |
| 9.22.94 | GLENN M. YASUI | SEP 22 1994 | ABRAHAM WONG | | |

HW-S 80)



ASSOCIATES, INC.

October 11, 1994

Engineers/Architects

Mr. Rae M. Loui, Deputy Director
Commission on Water Resource Management
P.O. Box 621
Honolulu, HI 96809

Dear Mr. Loui,

RE: Stream Alteration/Diversion Permit Requirement

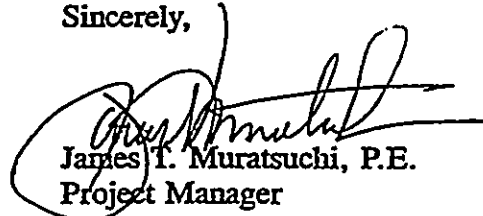
GMP Associates, Inc. requests a determination on whether a stream alteration/diversion permit is required for an existing earth ditch located in Honokowai, Maui (TMK: 4-4-01) as shown in Exhibit A.

The project consists of improving road and drainage conditions along a section of the Lower Honoapiilani Road. Improvements to the drainage system include the installation of a new drain line that will discharge into an existing earth ditch just south of Honokowai Beach Park as shown in Exhibit B. This ditch is also shown on an enlarged USGS quadrangle map as displayed in Exhibit C.

We believe a stream alteration/diversion permit will not be required since the existing ditch is probably a non-regulated stream. The ditch appears to have no name and is not documented as a "blue line" on the USGS quadrangle maps. This ditch was most likely constructed to contain the site run-off from the surrounding area. Site visits to the project site seem to indicate that the ditch is not part of a natural watercourse since no watercourse was visible upstream of the ditch, above the Lower Honoapiilani Road. Moreover, the ditch does not appear to flow continuously, but tends to pond after a rain.

Should you have any questions, please call Leanne Uyema at 521-4711.

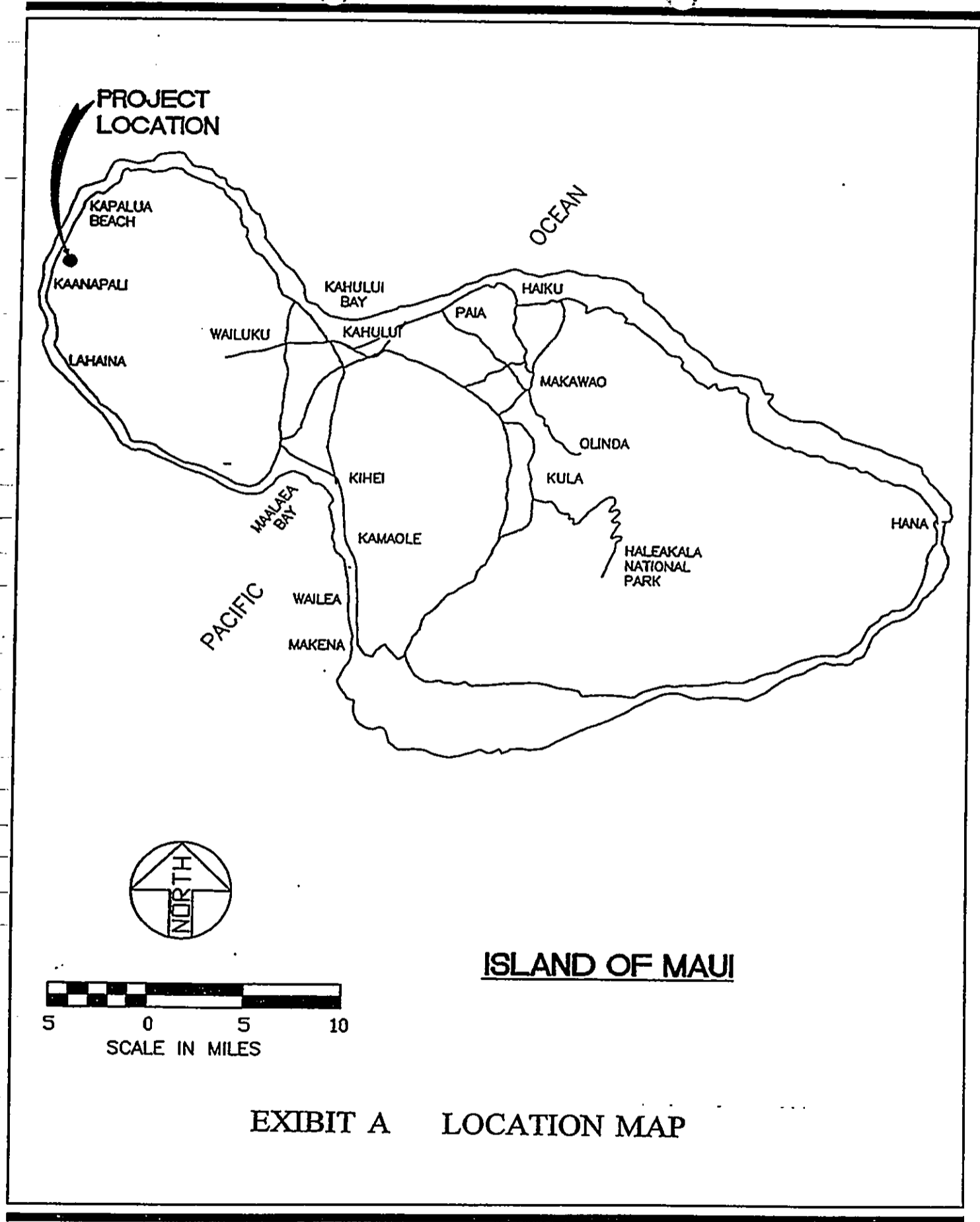
Sincerely,



James I. Muratsuchi, P.E.
Project Manager

Attachments

cc: Mr. David Higa



ISLAND OF MAUI

EXHIBIT A LOCATION MAP

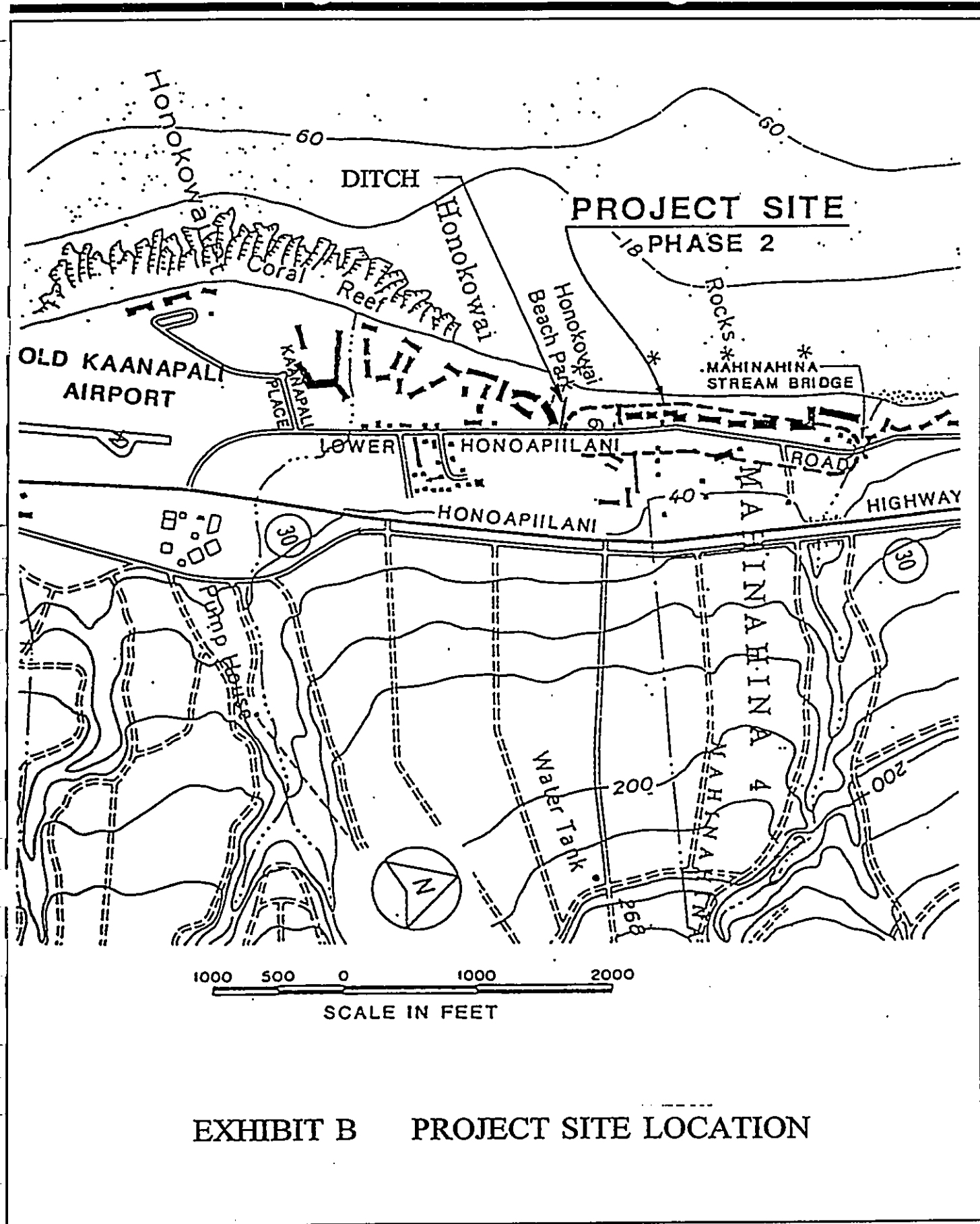


EXHIBIT B PROJECT SITE LOCATION

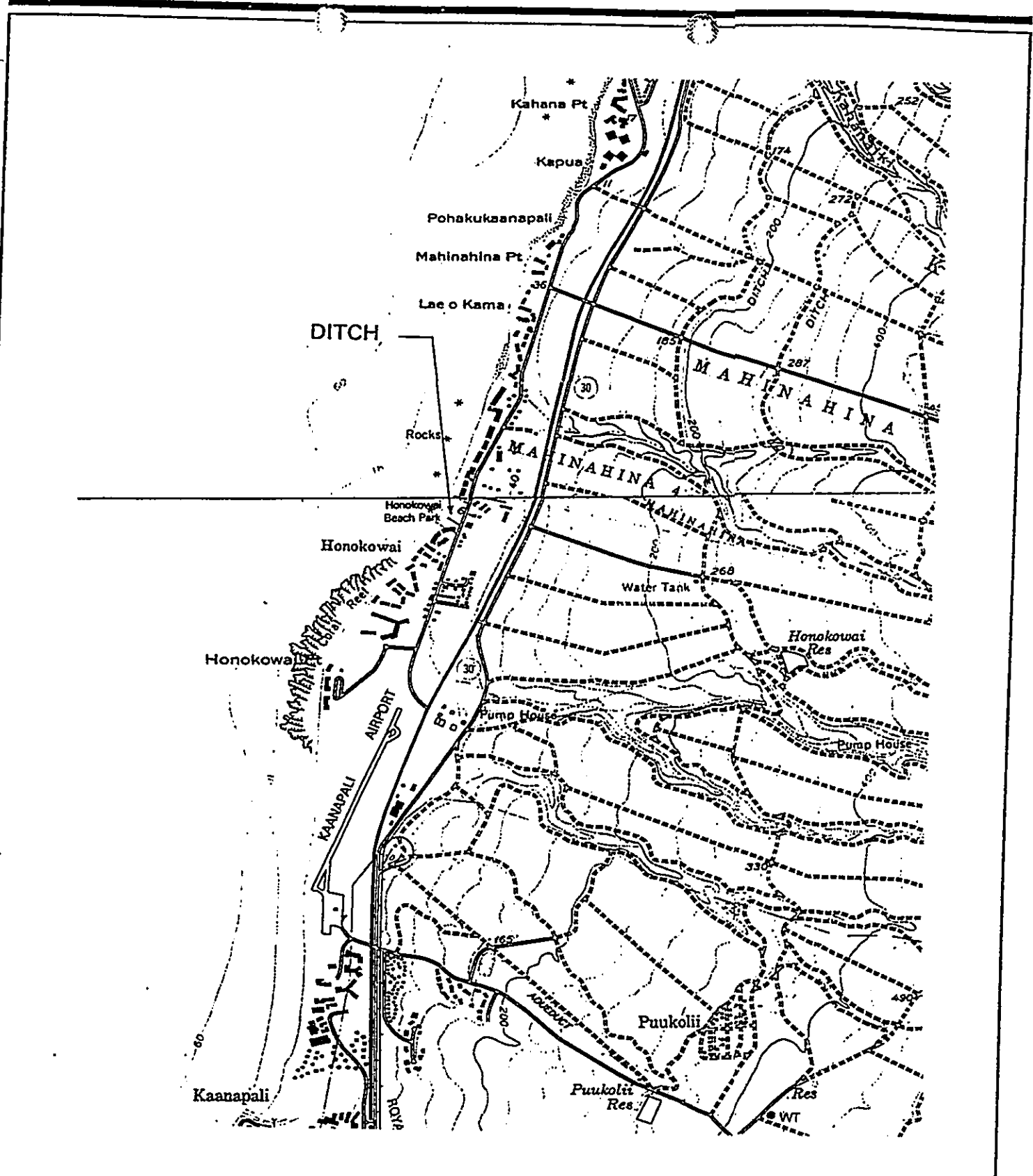


EXHIBIT C USGS QUADRANGLE - PROJECT SITE LOCATION



Engineers/Architects

October 4, 1994

Mr. Michael Cook, Division Administrator
Federal Highway Administration
300 Ala Moana Blvd.
Honolulu, HI 96813

Dear Mr. Cook:

Re: Request for a Categorical Exclusion for the Lower Honoapiilani Road, Phase II
Honokowai, Maui, Hawaii (TMK 4-4-01), Federal Aid Project No. STP- ()

GMP Associates, Inc. requests a categorical exclusion from an environmental assessment requirement under the provisions of 23 CFR 771.117.

The County of Maui, with funding support from the FHA, proposes to improve the Lower Honoapiilani Road in Honokowai, Maui. The project involves improving an existing parking lot at Honokowai Beach Park and improving approximately 2,170 linear feet of road and drainage. The reconditioned parking lot will include new AC pavement, AC curbing, parking striping, drain inlets and a drain piping system. The road improvements will consist of new concrete resurfacing and replacement of AC pavement, new concrete curbing and sidewalks, and the addition of a new sub-surface drainage collection system.

We believe this project qualifies for a categorical exclusion under 23 CFR 771.117 (d) for "modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders or adding auxiliary lanes..." for the following reasons:

1. The proposed project will not induce significant impacts to planned growth or land use for the area.
2. The proposed project will not require the relocation of any person.
3. The proposed project will not have a significant impact on any natural, cultural, recreational, historic or other resource.
4. The proposed project will not involve significant impacts on air, noise, or water quality.
5. The proposed project will not have any significant impacts on travel patterns.
6. The proposed project will not have a significant adverse environmental impact individually or cumulatively.

Should you have any questions, please call Leanne Uyema at 521-4711.

Sincerely,


James Muratsuchi, P.E.
Project Manager

cc: Mr. Glen Yasui

LETTERS OF CORRESPONDANCE:
INCOMING LETTERS

JOHN WAIHEE
GOVERNOR OF HAWAII



RECEIVED
GMP ASSOCIATES, INC.
'94 NOV 4 AM 9 23

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

P.O. BOX 621
HONOLULU, HAWAII 96809

NOV - 3 1994

KEITH W. AHUE
CHAIRPERSON

DR. PETER SYBINSKY
ROBERT S. NAKATA
J. DOUGLAS ING, ESQ.
ROBERT G. GIRALD
DAVID NOBRIGA

RAE M. LOUI, P.E.
DEPUTY

Mr. James Muratsuchi, P.E.
Project Manager
GMP Associates, Inc.
841 Bishop Street
Honolulu, Hawaii 96813

Dear Mr. Muratsuchi:

This is in response to your letter dated October 11, 1994, requesting a determination as to whether a stream channel alteration permit pursuant to Section 13-169-50, HAR, is required for a proposed alteration of a drainage structure on Lower Honoapiilani Road.

We sent the information you provided to the Division of Aquatic Resources on Maui and we have determined that the drainage ditch in question is not considered to be a "stream" as defined in 13-169-2, HAR, because the drain is not a natural watercourse. It appears to be part of the roadway interceptor drain. A stream channel alteration permit will not be required for the proposed project.

We appreciate your concern for the Commission's stream permit requirements. Should you have any questions, please call David Higa at 587-0249.

Sincerely,

A handwritten signature in cursive script, appearing to read "RAE M. LOUI".

RAE M. LOUI
Deputy Director

DH:ss

LINDA CROCKETT LINGLE
Mayor

GEORGE N. KAYA
Director

CHARLES JENCKS
Deputy Director

AARON SHINMOTO, P.E.
Chief Staff Engineer

RECEIVED

GMP ASSOCIATES, INC.



'94 NOV 3 AM 8 16 COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
AND WASTE MANAGEMENT
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793

RALPH NAGAMINE, L.S., P.E.
Land Use and Codes Administration

EASSIE MILLER, P.E.
Wastewater Reclamation Division

LLOYD P.C.W. LEE, P.E.
Engineering Division

DAVID WISSMAR, P.E.
Solid Waste Division

BRIAN HASHIRO, P.E.
Highways Division

November 1, 1994

Mr. James T. Muratsuchi, P.E.
Project Manager
GMP ASSOCIATES, INC.
841 Bishop Street, Suite 1501
Honolulu, HI 96813

SUBJECT: LOWER HONOAPIILANI ROAD, PHASE II
FEDERAL AID PROJECT NO. STP-3080(6)

Dear Mr. Muratsuchi:

Thank you for recommending that we exempt the subject project from the requirement of a State Environmental Assessment (EA). We realize that the Federal Highway Administration has given a categorical exclusion of an EA. However, we request you proceed with the EA as planned as this will help us in the permitting process.

If you have any questions, please call Joe Krueger at 243-7745.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Lloyd P.C.W. Lee".

for Lloyd P.C.W. Lee
Engineering Division Chief

JK:mlk(ED94-1298)
G:\ENGL\ALL\PH2EA.GMP



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



REPLY TO
ATTENTION OF

October 17, 1994

Regulatory Branch

SUBJECT: Lower Honoapiilani Road Improvements, Phase II, TMK
4-4-1, XNP 95-009

Ms. Leanne Uyema
GMP Associates, Inc.
841 Bishop Street, Suite 1501
Honolulu, Hawaii 96813

Dear Ms. Uyema:

On October 14, 1994, the U.S. Army Corps of Engineers inspected the site of the Lower Honoapiilani Road Project in Kaanapali, Maui. We determined that improvements to the existing drainage system, which include constructing a culvert under the Honokowai Beach Park parking lot and connecting it with the existing ditch, and placing rip rap in the existing ditch, will not require a Department of the Army (DA) permit.

You have been assigned the file number NP 95-009. If you have any questions about our determination, do not hesitate to give me a call at (808) 438-9258, extension 13, or Karen Tomoyasu at (808) 438-9258, extension 20.

Sincerely,

Terrell E. Kelley
Ecologist
Regulatory Branch

84 8 00 67 100 46.
GMP ASSOCIATES, INC.
RECEIVED