

BENJAMIN J. CAYETANO
GOVERNOR



KAZU HAYASHIDA
DIRECTOR

DEPUTY DIRECTORS
BRIAN K. MINAJI
GLENN M. OKIMOTO

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

RECEIVED

IN REPLY REFER TO:

HWY-DD
2.5092

AUG 27 1999

'99 SEP -3 P4:27

DEPT. OF ENVIRONMENTAL
QUALITY CONTROL

TO: GENEVIEVE SALMONSON, DIRECTOR
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

FROM: KAZU HAYASHIDA *KY*
DIRECTOR OF TRANSPORTATION

SUBJECT: FINDING OF NO SIGNIFICANT IMPACT (FONSI) FOR HONOAPIILANI
HIGHWAY WIDENING, MAALAEA ROAD TO NORTH KIHEI ROAD,
TMK 3-6-1 AND 3-8-5, WAILUKU, MAUI, HAWAII

The Department of Transportation has reviewed the comments received during the 30-day public comment period which began on July 8, 1998. The agency has determined that this project will not have significant environmental effects and has issued a FONSI. Please publish this notice in the September 3, 1999, OEQC Environmental Notice. ✓

We have enclosed a completed OEQC Publication Form and four copies of the final Environmental Assessment. Please call Christine Yamasaki at 692-7572 if you have any questions and reference HWY-DD 2.5092 as noted above.

Enclosure

113

1999-09-23-MA-FEA-

**NOTICE OF DETERMINATION
FINDING OF NO SIGNIFICANT IMPACT**

for

***HONOAPIILANI HIGHWAY WIDENING
MAALAEA ROAD TO NORTH KIHEI ROAD*
FEDERAL-AID PROJECT NO. NH-030-1(28)
WAILUKU, MAUI**

Proposing Agency: Department of Transportation
Highways Division
State of Hawaii

Approving Agency: Department of Transportation
Highways Division
State of Hawaii

Description of proposed project:

The project is located on Honoapiilani Highway between Maalaea Road and North Kihei Road in the district of Wailuku on the island of Maui. Adjacent facilities to Honoapiilani Highway are sugar cane land on the makai side and pasture land on the mauka side.

The State of Hawaii Department of Transportation is proposing to widen Honoapiilani Highway to reduce traffic congestion and continue the island's long range plan of widening the highway to Lahaina, as identified in the Maui Long Range Land Transportation Plan (MLRLTP). The proposed project is labeled as project #S19b in the MLRLTP and construction is scheduled to begin in late 2000.

The proposed project length is 0.97 miles. The highway widening of this principle arterial consists of expanding the existing rural two lane highway to a four lane divided highway between North Kihei Road, Route 310 and Maalaea Road.

The proposed highway will have four 12-foot lanes (two lanes in each direction), 8-foot to 10-foot paved shoulders, and a 30-foot median consisting of 4-foot paved shoulders and a 22-foot grassed swale. The project termini begins with two lanes near the signalized intersection of Honoapiilani Highway and the shopping center access road, then transitions to four lanes just before the highway reaches the Maalaea Road intersection. The highway widening and the majority of the right-of-way acquisition will be on the makai side of the existing two lane highway.

Construction also includes installation of a highway lighting system, drainage, guardrails, and utility relocation.

Determination:

In accordance with Chapter 343, Hawaii Revised Statutes, this environmental assessment has characterized the technical and environmental issues of the Honoapiilani Highway Widening project, identified potential impacts and their significance. This determination is based on the significance criteria listed in §11-200-12 of the Environmental Impact Statement Rules. The proposed project was determined to have no significant effect on the environment based on the following:

1. The proposed project will not result in an irrevocable commitment to loss or destruction of any natural or cultural resources. The highway widening will take place on agricultural lands.
2. The range of beneficial uses of the environment will not be curtailed. By increasing the capacity of the highway, more visitors and residents will be able to use the highway to get to their destinations.
3. The project will not conflict with the state's long-term environmental policies or goals and guidelines as expressed in Chapter 344, H.R.S., and any revisions thereof and amendments thereto, court decisions, or executive orders. The project supports the Department of Transportation's long range traffic planning.
4. The project will not affect the economic or social welfare of the community or state. By providing wide shoulders for bicyclists and highway lighting for all users, the project will promote a safer highway.
5. The project will not adversely affect public health. Any air quality impacts will be minimized or mitigated with pollution control measures as required.
6. The project will not involve substantial adverse secondary impacts, such as population changes or effects on public facilities. The proposed project is in response to both current needs and projected population growth. The proposed highway widening should increase traffic to the shopping center and Maui Ocean Center at Maalaea Triangle.
7. The project will not involve a substantial degradation of environmental quality. The intended method of construction should not result in any significant adverse water quality impacts.
8. The project will not include considerable cumulative effect upon the environment nor involve a commitment for larger actions.
9. The project will not substantially affect a rare, threatened, or endangered species, or its habitat. There are no such species or habitats in the area due to the existence of cultivated sugar cane land.

10. The project will not detrimentally affect air, water quality, or ambient noise levels. Short term noise impacts will occur during the construction phase. The contractor will be required to comply with current Department of Health regulations.
11. The project will not affect an environmentally sensitive area such as a flood plain, tsunami zone, erosion-prone area, geologically hazardous land, estuary, fresh water, or coastal waters. The intended method of construction should not result in any significant adverse water quality impacts, and therefore should not impact the Maalaea Small Boat Harbor or Kealia Pond National Wildlife Refuge.
12. The proposed highway lighting system installed along Honoapiilani Highway may interfere with the scenic view from the mauka side of the highway towards the ocean. The interference is determined not to be substantial because 1) the poles will be spaced far apart; 2) overhead wires will be above the line of sight; and 3) the safety benefits of highway lighting outweighs the visual impacts.
13. The project does not require substantial energy consumption.

Reasons Supporting Determination:

The EA has been revised to reflect the suggestions and recommendations of the affected agencies and interested parties. This final EA is attached to support the determination of a Finding of No Significant Impact.

Contact for Further Information:

Christine Yamasaki, Project Manager
Department of Transportation, Highways Division
601 Kamokila Blvd., Room 609
Kapolei, Hawaii 96707
Phone No. 692-7572

Final Environmental Assessment

Honoapiilani Highway Widening
Maalaea Road to North Kihei Road
Federal-Aid Project No. NH-030-1(28)
Wailuku, Maui
July 22, 1999

Proposing Agency: Department of Transportation
Highways Division
State of Hawaii

Approving Agency: Department of Transportation
Highways Division
State of Hawaii

Agencies Consulted:

The following agencies were notified and permits will be secured, if required.

Private: Alexander and Baldwin, Hawaii

County: Department of Parks and Recreation
Department of Planning
Department of Public Works
Department of Water Supply
Economic Development Agency
Kihei Public Library
Wailuku Public Library

State: Department of Agriculture
Department of Business, Economic Development and Tourism, Planning Office
Department of Health
Department of Land and Natural Resources
Department of Land and Natural Resources, Historic Preservation Division
Office of Hawaiian Affairs
Office of State Planning

Federal: U.S. Department of Agriculture, Natural Resources Conservation Service
U.S. Army Corps of Engineers
U.S. Fish and Wildlife Service

General:

The project is located on Honoapiilani Highway between Maalaea Road and North Kihei Road in the district of Wailuku on the island of Maui (See Figure 1). Adjacent facilities to Honoapiilani Highway are sugar cane land on the makai side and pasture land on the mauka side.

The State of Hawaii Department of Transportation is proposing to widen Honoapiilani Highway to reduce traffic congestion and continue the island's long range plan of widening the highway to Lahaina, as identified in the Maui Long Range Land Transportation Plan (MLRLTP). The proposed project is labeled as project #S19b in the MLRLTP and construction is scheduled to begin in late 2000.

On-Going Projects in the Vicinity:

There is a Honoapiilani Highway Widening, North Kihei Road to Kuihelani Highway, Federal-Aid Project No. BR-NH-030-1(24) project (identified as #S19a in the MLRLTP), which is planned to begin construction in mid 2000. The project scope includes the widening of Honoapiilani Highway and Pohakea Bridge from two to four lanes. The design of the proposed project NH-030-1(28) will be coordinated with BR-NH-030-1(24) to ensure continuity. See Figure 1 for project location.

There is also a Kuihelani Highway Widening, Honoapiilani Highway to Puunene Avenue, Federal-Aid Project No. NH-0380(9) project (identified as #S13b in the MLRLTP) in the general vicinity. The project scope includes the widening of Kuihelani Highway from two lanes to four lanes between the specified termini. A design-build team is scheduled to be selected in late 1999 with construction beginning in mid 2000.

Of these projects, it is most critical that BR-NH-030-1(24) be constructed first as it serves to connect NH-030-1(28) and NH-0380(9). While all three projects have logical termini and can function independent of each other, the construction of BR-NH-030-1(24) prior to the other two projects will provide continuity to the three widening efforts.

The Maui long range plan includes a brief discussion of additional widening recommended for Honoapiilani Highway. A project #S19c is described as an estimated four mile stretch west of Maalaea Harbor. There is also a project #19d which begins 4 miles west of Maalaea Harbor (where #S19c ends) to Lahaina Bypass. These projects are not currently being implemented nor are they scheduled to be implemented.

Alternatives Considered:

The "no-build" alternative was considered but deemed unacceptable because the benefits of providing the motoring public with a higher capacity travelway outweighs the relatively minor adverse impacts of this project. Adverse impacts of a "no-build" alternative include increased congestion to the North Kihei Road intersection which, in time, could result in an increase in traffic accidents. In addition, the widening project is part of the Maui Long Range Plan.

Project Characteristics:

Technical: The proposed project length is 0.97 miles. The highway widening of this principle arterial consists of expanding the existing rural two lane highway to a four lane divided highway between North Kihei Road, Route 310 and Maalaea Road.

The proposed highway will have four 12-foot lanes (two lanes in each direction), 8-foot to 10-foot paved shoulders, and a 30-foot median consisting of 4-foot paved shoulders and a 22-foot grassed swale. The project termini begins with two lanes near the signalized intersection of Honoapiilani Highway and the shopping center access road and transitions to four lanes just before the highway reaches the Maalaea Road intersection. The highway widening and the majority of the right-of-way acquisition will be on the makai side of the existing two lane highway.

See Figure 2 for the typical roadway section.

Construction also includes installation of a highway lighting system, drainage, guardrails, and utility relocation.

Anticipated start and end dates for construction of this project are October 2000 and August 2000, respectively.

Economic: The estimated construction and right-of-way costs of the proposed project is \$13,880,000. State funding is estimated to be \$3,150,000 and federal funding is about \$10,730,000.

Local businesses and resorts that use this vehicular corridor will benefit from the free-flow of traffic and greater roadway capacity to and from their establishments. No buildings, housing units or business units will be relocated or acquired.

Social: Honoapiilani Highway is the main route connecting the business centers in East/Central Maui and tourist destinations in West Maui. Honoapiilani Highway is used by both residents and tourists traveling to and from Wailuku, Kahului, Kihei and Lahaina - the largest towns on Maui.

The shopping center and Maui Ocean Center at Maalaea Triangle depend on roadways adjacent to them for the transport of goods and customers to its locale. Construction work should not drastically affect the amount of traffic to the area and at completion, the highway widening should increase the amount of customers to the businesses. Since the beginning project limit is

located near Maalaea Triangle, access to the shopping center and its adjacent businesses will have work zone controls to guide traffic in the area. Access to the Triangle will not be profoundly impacted.

Environmental:

Honoapiilani Highway slopes down from North Kihei Road, elevation 160± feet, to Maalaea Road, elevation 40± feet, at approximately 2%.

The Hawaii Forest Type Maps classify the land in the project area as Non-Commercial Forest Land (No. 22) and Cultivated and Intensively Pastured Land (No. 31).

The Soil Survey of the Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii classifies the soil at the project as Ewa EtB and Pulehu PtA and PtB.

Name of Soil	Ewa (EtB)	Pulehu (PtA and PtB)
Type of Soil	Dark reddish brown silty, clay loam	Dark brown cobbly clay loam
Slopes	3 - 7%	0 - 3% (PtA), 3 - 7% (PtB)
Soil Profile	18"	21"
Subsoil Profile	42" - silty, clay loam w/subangular blocky structure over coral limestone, sand or gravelly alluvium	39" - stratified loam, loamy sand, fine sandy loam, or silt loam over coarse, gravelly or sandy alluvium
Permeability	Moderate	Moderate
Runoff	Slow	Slow
Erosion	Slight	Slight
Soil Use	Sugar cane, truck crops, pastures	Sugar cane, truck crops, pastures, home sites, wildlife habitats
Natural Vegetation	Fingergrass, kiawe, koa haole, klu, uhaloa	Fingergrass, kiawe, koa haole, klu, bermuda grass, bristly foxtail, lantana, sandbur

Summary of the Affected Environment:

Topography:

The proposed widening will require the acquisition of approximately 8 acres of fee simple cultivated land and will involve relocating an irrigation system and adjusting

drainage ditches parallel to the highway. Design and construction of the irrigation system and drainage ditches will be done in coordination with Hawaiian Commercial and Sugar Company (HC&S). Harvesting the sugar cane is scheduled for October 1999.

One agricultural access point currently exists in the project area and is planned to be replaced near the existing site.

Hydrology:

The project area does not contain any streams that could be affected by the proposed widening of Honoapiilani Highway. Existing drainage culverts along the highway help divert surface runoff away from the roadway and into roadside drainage swales. Most of the culverts will be replaced and/or extended due to the widening. Mitigative measures such as diverting flow away from adjacent property owners with roadside swales will be constructed to minimize impacts to HC&S irrigation ditches.

Since there are no proposed construction projects adjacent to or in the immediate vicinity of Maalaea Harbor, we anticipate that this project will have no impact on the Harbor. However, if impacts do occur, they will be mitigated by implementing Best Management Practices as required by our NPDES permit.

Furthermore, the project area is not located in a wetland or flood zone.

Flora, Fauna and Critical Habitats:

Due to past highway construction and the existence of cultivated land adjacent to Honoapiilani Highway, no endangered flora, fauna or critical habitats are known to exist in the proposed project site.

Archeological and Historic Sites:

In coordination with the State Department of Land and Natural Resources, State Historic Preservation Division and the Federal Highway Administration, the proposed project area has been determined to contain no historic sites. Current agriculture and highway construction, in their opinion, has significantly altered the land, making the discovery of intact historic sites unlikely.

No parks are present within the project limits.

Air quality:

During construction, minimal air quality impacts may occur and will be mitigated with pollution control measures such as silt fencing and construction watering. Increased vehicular traffic after construction may have some impact due to increased emissions, but they are expected to be within State and Federal standards. The contractor is required to comply with current Department of Health regulations.

Traffic:

Volume:

The average daily traffic (ADT) for 1997 is 23,175 cars per day and the ADT for the year 2017 is calculated at 37,340 cars per day. The design hourly volume (DHV) is 3,360 cars per hour and the design directional distribution, (Ddes), the total traffic in both directions of travel, is 60% and 40% in each direction. The design peak hour percentage of 24 hour traffic (Kdes) is 9%. The amount of trucks in a 24 hour period (T24) is 4% and the design hour truck percentage (Tdes) is 2%.

Level of Service (LOS):

The Highway Capacity Manual (HCM) defines Level of Service as "a qualitative measure describing operational conditions within a traffic stream, and their perception by motorists and/or passengers. A level-of-service definition generally describes these conditions in terms of such factors as speed and travel time, freedom to maneuver, traffic interruptions, comfort and convenience, and safety." Following are the definitions of the various LOS:

LOS	Definition
A	Represents free flow. Individual users are virtually unaffected by the presence of others in the traffic stream. Freedom to select desired speeds and to maneuver within the traffic stream is extremely high. The general level of comfort and convenience provided to the motorist, passenger, or pedestrian is excellent.
B	In the range of stable flow, but the presence of other users in the traffic stream begins to be noticeable. Freedom to select desired speeds is relatively unaffected, but there is a slight decline in the freedom to maneuver within the traffic stream from LOS A. The level of comfort and convenience provided is somewhat less than at LOS A, because the presence of others in the traffic stream begins to affect individual behavior.
C	In the range of stable flow, but marks the beginning of the range of flow in which the operation of individual users becomes significantly affected by interactions with others in the traffic stream. The selection of speed is now affected by the presence of others, and maneuvering within the traffic stream requires substantial vigilance on the part of the user. The general level of comfort and convenience declines noticeably at this level.
D	Represents high-density, but stable, flow. Speed and freedom to maneuver are severely restricted, and the driver or pedestrian experiences a generally poor level of comfort and convenience. Small increases in traffic flow will generally cause operational problems at this level.
E	Represents operating conditions at or near the capacity level. All speeds are reduced to a low, but relatively uniform value. Freedom to maneuver within the traffic stream is extremely difficult, and it is generally accomplished by forcing a vehicle or pedestrian to "give way" to accommodate such maneuvers. Comfort and convenience levels are extremely poor, and driver or pedestrian frustration is generally high. Operations at this level are usually unstable, because small increases in flow or minor perturbations within the traffic stream will cause breakdowns.
F	Used to define forced or breakdown flow. This condition exists wherever the amount of traffic approaching a point exceeds the amount which can traverse the point. Queues form behind such locations. Operations within the queue are characterized by stop-and-go waves, and they are extremely unstable. Vehicles may progress at reasonable speeds for several hundred feet or more, then be required to stop in a cyclic fashion. LOS F is used to describe the operating conditions within the queue, as well as the point of the breakdown. It should be noted, however, that in many cases operating conditions of vehicles or pedestrians discharged from the queue may be quite good. Nevertheless, it is the point at which arrival flow exceeds discharge flow which causes the queue to form, and LOS F is an appropriate designation for such points.

The MLRLTP states that for the year 1990, the LOS analysis for the northbound traffic on Honoapiilani Highway is LOS C in the morning peak hours and LOS F in the evening peak hours. The southbound traffic has a LOS E in the morning peak and LOS D in the evening peak.

The MLRLTP analyzed for the year 2020 and found that the northbound and southbound traffic will all have peak hour LOS F rankings. Roadways operating at LOS D, E or F are considered deficient and would require improvement as stated in the Maui long range plan.

Noise:

Noise levels are expected to increase temporarily during construction. Surrounding properties do not include any residential homes, hospitals or schools. Thus, a noise study will not be performed. Mitigating controls, such as properly muffled equipment, will be used as required.

Zoning:

The project is not within the County of Maui Special Management Area and thus, a SMA permit is not needed. The proposed project is consistent with all planning. Rezoning, reclassification or use permits will not be required.

Agricultural Land:

Consultation with maps of important farmlands provided by the U.S. Natural Resources Conservation Service (USNRCS) determined that no lands identified as prime, unique or other important lands in the ALISH map series are present.

Pedestrian/Bicycle:

According to Bike Plan Hawaii, Honoapiilani Highway has been planned to be a future bike route. By providing 8 to 10 foot shoulders as shown on the typical section, the bike route designation is being implemented.

Proposed Mitigation Measures:

1. Temporary pollution control measures, such as silt fences and watering, will be utilized for dust and noise during construction.
2. Temporary traffic control measures, such as portable barriers and construction signing, will be utilized for the project duration.
3. Measures to minimize and control drainage flow impacts into HC&S fields during construction.

Expected Determination:

In accordance with Chapter 343, Hawaii Revised Statutes, this environmental assessment has characterized the technical and environmental issues of the Honoapiilani Highway Widening project, identified potential impacts and their significance. It is anticipated that the project will not significantly impact the environment. Therefore, a Finding of No Significant Impact is anticipated, and an Environmental Impact Statement is not required for this project. This determination is based on the significance criteria listed in §11-200-12 of the Environmental Impact Statement Rules. Specifically, these significance criteria are addressed below:

1. The proposed project will not result in an irrevocable commitment to loss or destruction of any natural or cultural resources. The highway widening will take place on agricultural lands.
2. The range of beneficial uses of the environment will not be curtailed. By increasing the capacity of the highway, more visitors and residents will be able to use the highway to get to their destinations.
3. The project will not conflict with the state's long-term environmental policies or goals and guidelines as expressed in Chapter 344, H.R.S., and any revisions thereof and amendments thereto, court decisions, or executive orders. The project supports the Department of Transportation's long range traffic planning.
4. The project will not affect the economic or social welfare of the community or state. By providing wide shoulders for bicyclists and highway lighting for all users, the project will promote a safer highway.
5. The project will not adversely affect public health. Any air quality impacts will be minimized or mitigated with pollution control measures as required.
6. The project will not involve substantial adverse secondary impacts, such as population changes or effects on public facilities. The proposed project is in response to both current needs and projected population growth. The proposed highway widening will increase traffic to the shopping center at Maalaea Triangle.
7. The project will not involve a substantial degradation of environmental quality. The intended method of construction should not result in any significant adverse water quality impacts.
8. The project will not include considerable cumulative effect upon the environment nor involve a commitment for larger actions.
9. The project will not substantially affect a rare, threatened, or endangered species, or its habitat. There are no such species or habitats in the area due to the existence of cultivated sugar cane land.

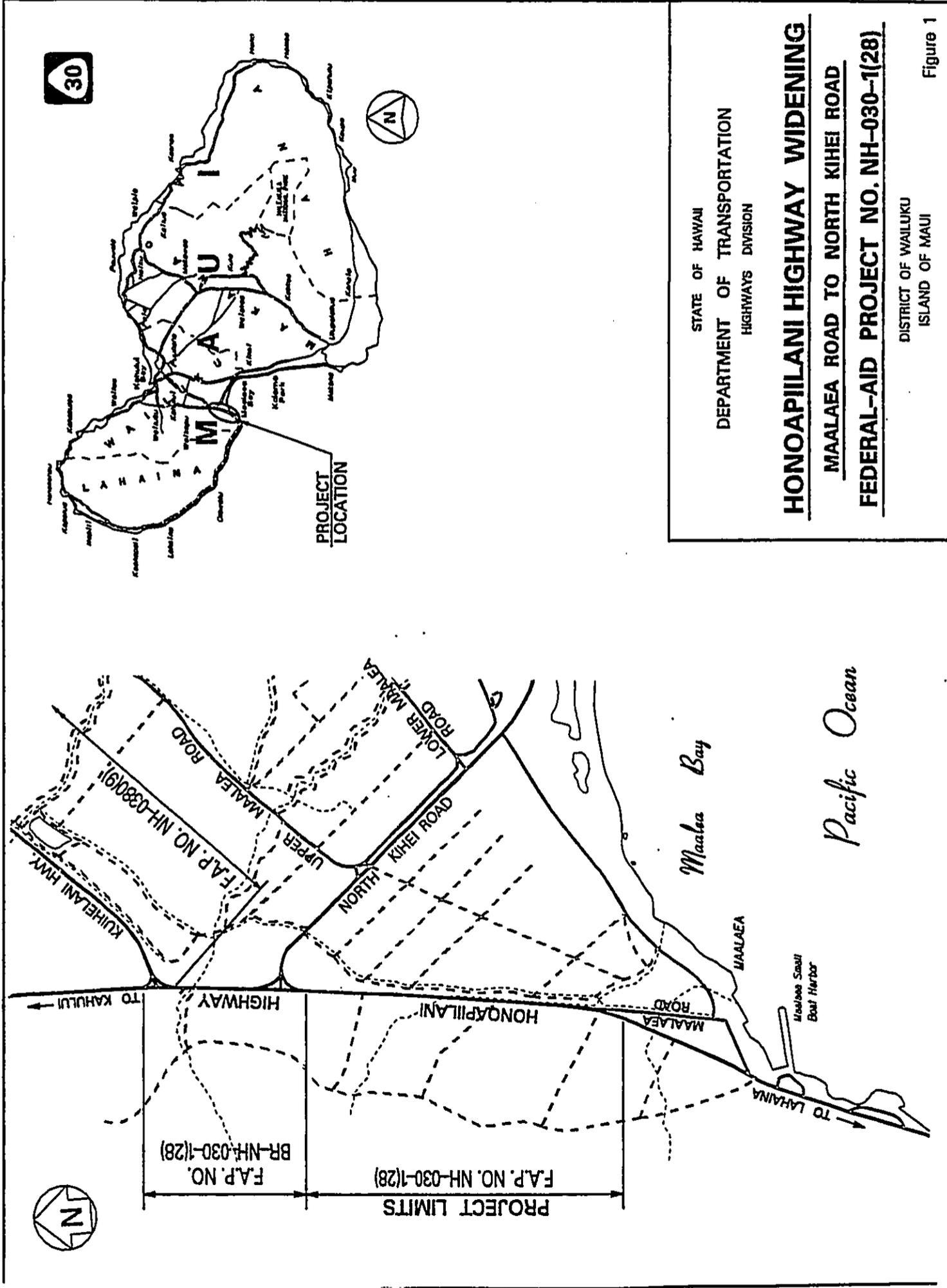
10. The project will not detrimentally affect air, water quality, or ambient noise levels. Short term noise impacts will occur during the construction phase. The contractor will be required to comply with current Department of Health regulations.
11. The project will not affect an environmentally sensitive area such as a flood plain, tsunami zone, erosion-prone area, geologically hazardous land, estuary, fresh water, or coastal waters. The intended method of construction should not result in any significant adverse water quality impacts, and therefore should not impact the Maalaea Small Boat Harbor or Kealia Pond National Wildlife Refuge.
12. The proposed highway lighting system installed along Honoapiilani Highway may interfere with the scenic view from the mauka side of the highway towards the ocean. The interference is determined not to be substantial because 1) the poles will be spaced far apart; 2) overhead wires will be above the line of sight; and 3) the safety benefits of highway lighting outweighs the visual impacts.
13. The project does not require substantial energy consumption.

Permits Required Prior to Construction:

1. National Pollutant Discharge Elimination System Permit (NPDES), Department of Health, Clean Water Branch.

References:

1. *Highway Capacity Manual - Special Report 209*, Transportation Research Board, 1985.
2. Kaku Associates, Inc., *Final Report - Maui Long-Range Land Transportation Plan*, 1997.
3. R.M. Towill Corp., *Bike Plan Hawaii - A State of Hawaii Master Plan for Bikeways*, 1994.

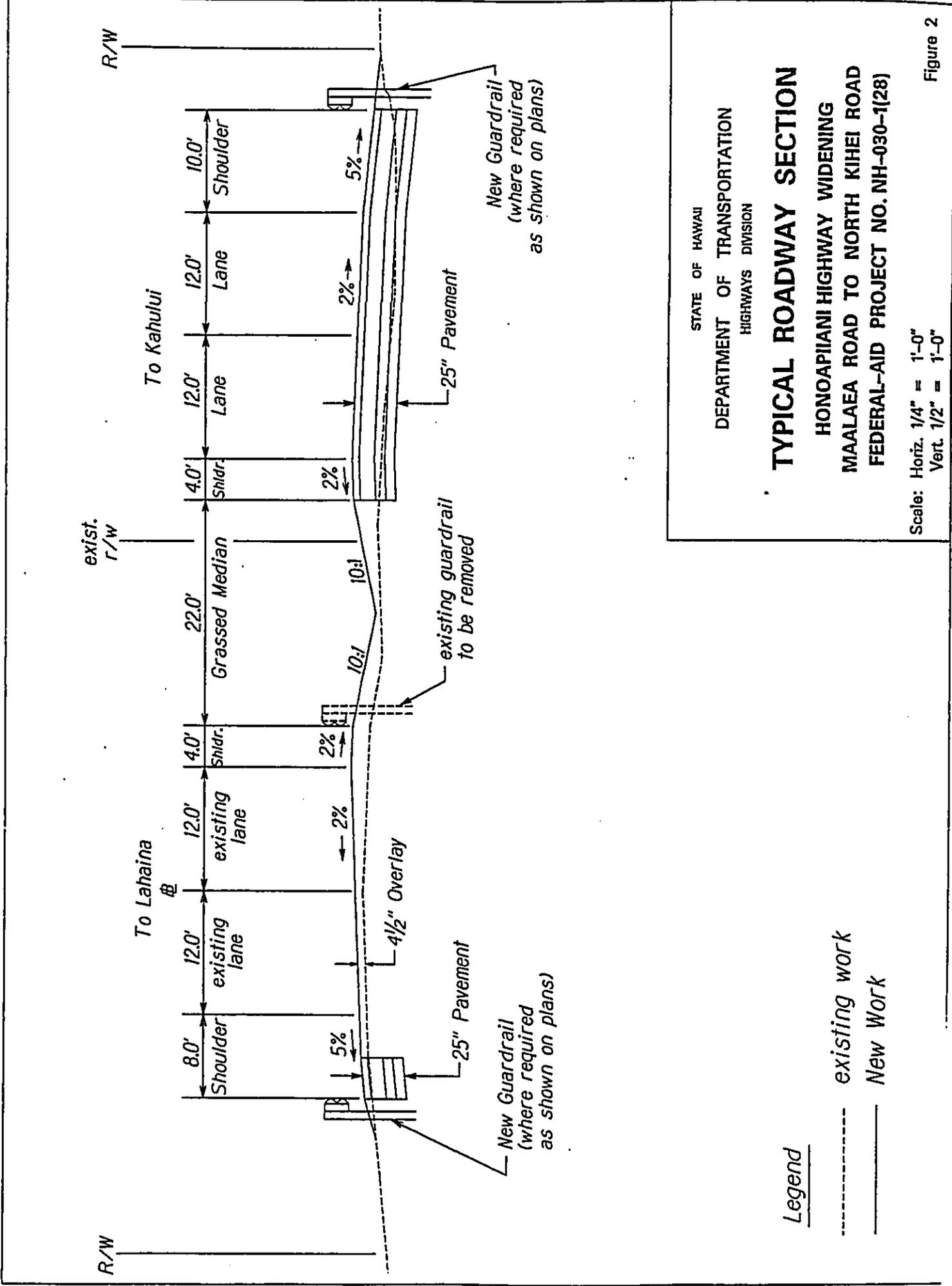


STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

HONOAPIILANI HIGHWAY WIDENING
MAALAEA ROAD TO NORTH KIHAI ROAD
FEDERAL-AID PROJECT NO. NH-030-1(28)

DISTRICT OF WAILUKU
 ISLAND OF MAUI

Figure 1



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROADWAY SECTION
HONOAPIANI HIGHWAY WIDENING
MAALAEA ROAD TO NORTH KIHEI ROAD
FEDERAL-AID PROJECT NO. NH-030-1(28)

Scale: Horiz. 1/4" = 1'-0"
Vert. 1/2" = 1'-0"

Figure 2

Legend

- existing work
- New Work

APPENDIX A
REVIEW COMMENTS FROM AGENCIES



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

P.O. BOX 621
HONOLULU, HAWAII 96809
April 29, 1998

HWY 2740

RECEIVED

'98 MAY 21 P 2:18

AQUACULTURE DEVELOPMENT
PROGRAM
LAND AND NATURAL RESOURCES
BOATING AND OCEAN RECREATION
CONSERVATION AND
RESOURCES ENFORCEMENT
CONVEYANCES
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
LAND DIVISION
STATE PARKS
WATER RESOURCE MANAGEMENT

DESIGN OF
HIGHWAYS
DEPT. OF TRANSPORTATION

Ref.: DOT29038.RCM

LD-NAV

Mr. Pericles Manthos
Administrator, Highways Division
State of Hawaii
Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813-5097

Dear Mr. Manthos:

SUBJECT: Review : Pre-Draft Environmental Assessment
I. D. No.: DOT29038 - FAP No. NH-030-1-(28)
Applicant: Department of Transportation (SOH)
Project : Honoapiilani Highway Widening
Proposal : North Kihei Road to Maalaea Road
Location : Wailuku, Island of Maui, Hawaii

Thank you for the opportunity to review and comment on the subject matter.

Our Land Division Planning and Technical Service Branch has commented that this project may contribute to more erosion and sedimentation problems at Maalaea Harbor. Therefore, impact (if any) to Maalaea Harbor needs to be addressed in the Draft Environmental Assessment.

The Department of Land and Natural Resources has no other comments to offer on the subject matter at this time. Should you have any questions, please contact Mr. Sam Lemmo of our Planning and Technical Service Branch at 587-0381 or Nick Vaccaro at 587-0438.

HAWAII: Earth's Best!

Aloha,

Michael D. Wilson
for MICHAEL D. WILSON

c: Maui Land Board Member
Maui District Land Office

HWY 2740
HWY-DD
2.9821

June 19, 1998

Mr. Michael D. Wilson, Chairperson
Department of Land and Natural Resources
P.O. Box 621
Honolulu, Hawaii 96809

Attention: Mr. Sam Lemmo
Planning and Technical Service Branch

Dear Mr. Wilson:

Subject: Draft Environmental Assessment for Honoapiilani Highway Widening, North
Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii
I.D. No. DOT29038

Thank you for your response letter dated April 29, 1998 to our draft environmental
assessment (EA).

In your letter, you commented that the project "may contribute to more erosion and
sedimentation problems at Maalaea Harbor." Although we anticipate that this project will
have no impact upon Maalaea Harbor, we will minimize any impacts that may occur by
implementing pollution control measures such as silt fencing and minimizing the grading
areas using Best Management Practices from the National Pollution Discharge Elimination
System. The final EA will include these mitigation measures to control any erosion and
pollution problems.

If you have any additional comments concerning the draft EA, please call Ross Hironaka
at 587-2250 or reply to the attention of Ross Hironaka, Project Manager.

Very truly yours,

Paul M. Hamamoto
for PERICLES MANTHOS
Administrator
Highways Division

BENJAMIN J. CAYETANO
GOVERNOR
STATE OF HAWAII



STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS
P. O. BOX 1879
HONOLULU, HAWAII 96805

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MAY 5 11 03 AM '98
DEPT. OF TRANSPORTATION
HIGHWAYS DIVISION

KALI WATSON
CHAIRMAN
HAWAIIAN HOMES COMMISSION
JOBIE M. K. M. YAMAGUCHI
DEPUTY TO THE CHAIRMAN

May 1, 1998

To: Pericles Manthos, Administrator
Department of Transportation, Highways Division

Attn: Ross Hironaka, Project Manager

From: Kali Watson, Chairman
Hawaiian Homes Commission

Daniel Ornellas

Subject: *for* Draft Environmental Assessment for Honoapiilani
Highway Widening, North Kihei Road to Maalaea Road,
TMK 3-6-1 & 3-8-5, Wailuku, Maui Dated April, 1998

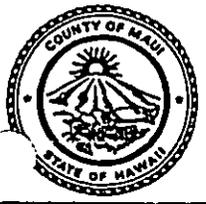
Thank you for the opportunity to review the subject application.
The Department of Hawaiian Home Lands has no comment to offer.

If you have any questions, please call Daniel Ornellas at
586-3837.

DESIGN BRANCH
HIGHWAYS DIVISION
DEPT. OF TRANSPORTATION

98 MAY -5 P1:20

RECEIVED



DEPARTMENT OF
PARKS AND RECREATION
COUNTY OF MAUI

RECEIVED

1580-C KAAHUMANU AVENUE WAILUKU, HAWAII 96798
MAY -6 AIO:11

5/8/98
LINDA LINGG
Mayor

HENRY OLIVA
Director

ALLEN SHISHIDO
Deputy Director

(808) 243-7230
FAX (808) 243-7934

DESIGN BRANCH
HIGHWAYS DIVISION
DEPT. OF TRANSPORTATION
May 4, 1998

Mr. Ross Hironaka
Project Manager
State of Hawaii
Department of Transportation, Highways
869 Punchbowl Street
Honolulu, Hawaii 96813

Dear Mr. Hironaka:

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR
HONOAPIILANI HIGHWAY WIDENING

We have reviewed the Pre-Draft Environmental Assessment for the above-referenced project and have no comments to submit at this time.

Thank you for the opportunity to review and comment. Should you have any questions, please call me or Patrick Matsui, Chief of Parks Planning and Development, at 243-7387.

Sincerely,

HENRY OLIVA
Director

c: Patrick Matsui, Chief of Planning and Development

s:\planning\ptm\honoahwy.wpd



DEPARTMENT OF BUSINESS,
ECONOMIC DEVELOPMENT & TOURISM

OFFICE OF PLANNING

235 South Beretania Street, 6th Flr., Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

Ref. No. P-7428

May 5, 1998

MEMORANDUM

TO: Kazu Hayashida, Director
Department of Transportation

ATTN: Ross Hironaka, Project Manager
Highways Division

FROM: Rick Egged
Director, Office of Planning

SUBJECT: Draft Environmental Assessment for Honoapiilani Highway Widening,
North Kihei Road to Maalaea Road, Wailuku, Maui

We do not have any comments on the proposed widening of Honoapiilani Highway between North Kihei Road and Maalaea Road.

If there are any questions, please contact Howard Fujimoto of our Coastal Zone Management Program at 587-2898.

BENJAMIN J. CAYETANO
GOVERNOR
SEIJI F. NAYA
DIRECTOR
BRADLEY J. MOSSMAN
DEPUTY DIRECTOR
RICK EGGED
DIRECTOR, OFFICE OF PLANNING

Tel.: (808) 587-2846
Fax: (808) 587-2824

DIRECTOR'S OFFICE
DEPT. OF
TRANSPORTATION
MAY 12 10 33 AM '98

LINDA LINGLE
Mayor

DAVID W. BLANE
Director

LISA M. NUYEN
Deputy Director



RECEIVED
MAY 12 10 21 AM '98
DEPT. OF TRANSPORTATION
HIGHWAYS DIVISION
COUNTY OF MAUI
DEPARTMENT OF PLANNING

May 8, 1998

CLAYTON I. YOSHIDA
Planning Division

AARON H. SHINMOTO
Zoning Administration and
Enforcement Division

State Department of Transportation
Highways Division
869 Punchbowl Street
Honolulu, Hawaii 96813-5097

Attention: Ross Hironaka, Project Manager

Gentlemen:

**SUBJECT: Draft Environmental Assessment for Honoapiilani Highway
Widening, North Kihei Road to Maalaea Road, Kihei, Island
of Maui, Hawaii. (HWY-DD 2.9038)**

The Maui Planning Department has no objections to the widening of Honoapiilani Highway in this area provided that adequate measures are put in place to minimize impacts related to noise, dust, smoke and runoff on adjacent, downstream and downwind properties.

Should you have any questions, please contact Mr. William Medeiros, Staff Planner, of this office at 243-7735.

Very truly yours,

DAVID W. BLANE
Director of Planning

DWB:WJM:cmh

c: Clayton Yoshida, AICP, Planning Program Administrator
William Medeiros, Staff Planner
General File
S:\ALL\BILL\HNHWYWD.WPD

250 SOUTH HIGH STREET, WAILUKU, MAUI, HAWAII 96793
PLANNING DIVISION (808) 243-7735; ZONING DIVISION (808) 243-7253; FACSIMILE (808) 243-7634

RECEIVED
98 MAY 12 P2:48
DESIGN SECTION
HIGHWAYS DIVISION
DEPT. OF TRANSPORTATION

HWY-DD
2.9822

June 19, 1998

Mr. David W. Blane, Director
Department of Planning
County of Maui
250 South High Street
Wailuku, Hawaii 96793

Attention: Mr. William Medeiros
Staff Planner

Dear Mr. Blane:

Subject: Draft Environmental Assessment for Honoapiilani Highway Widening, North
Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii

Thank you for your response letter dated May 8, 1998 to our draft environmental
assessment (EA).

In response to your comment that adequate measures should be "in place to minimize
impacts related to noise, dust, smoke and runoff on adjacent downstream and downwind
properties," we will minimize any impacts that may occur by implementing pollution control
measures such as silt fencing and minimizing the grading areas using Best Management
Practices from the National Pollution Discharge Elimination System. The final EA will
include these mitigation measures to control any erosion and pollution problems.

If you have any additional comments concerning the draft EA, please call Ross Hironaka
at 587-2250 or reply to the attention of Ross Hironaka, Project Manager.

Very truly yours,

Paul M. Hironaka

for PERICLES MANTHOS
Administrator
Highways Division



United States
Department of
Agriculture

Natural
Resources
Conservation
Service

P.O. Box 50004
Honolulu, HI
96850

Our People...Our Islands...In Harmony

May 8, 1998

Mr. Ross Hironaka, Project Manager
Highways Division
Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813-5097

DESIGN BRANCH
HIGHWAYS DIVISION
DEPT. OF TRANSPORTATION

98 MAY 12 P 6:35

RECEIVED

Dear Mr. Hironaka:

Subject: Draft Environmental Assessment (DEA) - Honoapiilani Highway Widening,
North Kihei Road to Maalea Road, Wailuku, Maui, Hawaii

We have reviewed the above document and would like to request that information on
the drainage system anticipated to be developed on this project be sent to:

Neal Fujiwara, District Conservationist
USDA-NRCS, Wailuku Field Office
210 Imi Kala Street, Suite 209
Wailuku, Hawaii 96793-2100

Thank you for the opportunity to review this document and your cooperation in this
matter will be greatly appreciated.

Sincerely,

KENNETH M. KANESHIRO
State Conservationist

HWY-DD
2.9820

June 19, 1998

Mr. Neal Fujiwara
District Conservationist
USDA-NRCS, Wailuku Field Office
210 Imi Kala Street, Suite 209
Wailuku, Hawaii 96793-2100

Dear Mr. Fujiwara:

Subject: Draft Environmental Assessment for Honoapiilani Highway Widening, North
Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii

Thank you for your response letter dated May 8, 1998 to our draft environmental
assessment (EA).

In response to your request on the drainage system used for this project, we will be
forwarding the design as soon as it is available.

If you have any additional comments concerning the draft EA, please call Ross Hironaka
at 587-2250 or reply to the attention of Ross Hironaka, Project Manager.

Very truly yours,

Paul M. Hamamoto
for PERICLES MANTHOS
Administrator
Highways Division

LINDA LINGLE
Mayor

CHARLES JENCKS
Director

DAVID C. GOODE
Deputy Director

Telephone: (808) 243-7845
Fax: (808) 243-7955



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

May 20, 1998

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

BRIAN HASHIRO, P.E.
Highways Division

Solid Waste Division

Mr. Pericles Manthos, Administrator
State of Hawaii
Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813-5097

Dear Mr. Manthos:

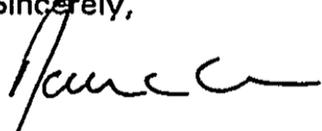
SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT
HONOAPIILANI HIGHWAY WIDENING
(NORTH KIHEI ROAD TO MAALAEA ROAD)
TMK (2) 3-6-001 AND 3-8-005

We reviewed the subject submittal and have the following comments.

1. Adjust the top of the sewer manholes to match the new grade.

If you have any questions, please call David Goode at 243-7845.

Sincerely,


CHARLES JENCKS
Director of Public Works
and Waste Management

DG:co/mt
S:\LUCA\ICZM\HIGHWAY.

DEPT. OF TRANSPORTATION
HONOLULU, HAWAII

98 MAY 26 P 3:22

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MAY 26 12 57 PM '98
DEPT. OF TRANSPORTATION
HIGHWAYS DIVISION

HWY-DD
2.9819

June 19, 1998

Mr. Charles Jencks, Director
Department of Public Works
and Waste Management
County of Maui
200 South High Street
Wailuku, Hawaii 96793

Attention: Mr. David Goode

Dear Mr. Jencks:

Subject: Draft Environmental Assessment for Honoapiilani Highway Widening, North
Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii

Thank you for your response letter dated May 20, 1998 to our draft environmental
assessment (EA).

In response to your comment to "adjust the top of the sewer manholes to match the new
grade," we will include this comment in our design of Honoapiilani Highway.

If you have any additional comments concerning the draft EA, please call Ross Hironaka
at 587-2250 or reply to the attention of Ross Hironaka, Project Manager.

Very truly yours,

Paul M. Hamamoto
for PERICLES MANTHOS
Administrator
Highways Division



G. Stephen Holaday
Plantation General Manager, HC&S
Sr. Vice President, A&B Hawaii, Inc.

May 25, 1998

Mr. Ross Hironaka
State of Hawaii, Department of Transportation,
Highways Division
869 Punchbowl Street
Honolulu, Hawaii 96813-5097

Subject: Draft Environmental Assessment for Honoapiilani Highway Widening Project,
North Kihei Road to Maalaea Road

Dear Mr. Hironaka:

Thank you for providing us the opportunity to provide input to the Draft Environmental Assessment (DEA) on the widening of Honoapiilani Highway.

HC&S is concerned about certain impacts to agricultural resources that border Honoapiilani Highway. The planned widening will cause HC&S to lose high yielding cultivated land, make access to our fields more difficult and therefore less efficient and require the relocation of our irrigation systems and changes to our drainage infrastructure. We believe that the DEA should include a section that highlights and addresses these impacts, and mitigation of these impacts should be identified and provided for in the DEA.

In addition, we have the following questions and comments:

ADDITIONAL RIGHT-OF-WAY: We would appreciate a confirmation of the additional land area required for the widening and your timetable for needing the land. Based on a 60 FT. wide right-of-way, we believe the additional land area required is approximately 7 acres. The two cane fields affected by this project will be harvested in October 1999 and replanted during the same month. To minimize cane damages and costs to the State, the taking of the land should be delayed until after the cane is harvested and before we replant.

ACCESS LOCATION: Where will the agriculture access points be located?

Mr. Ross Hironaka
May 25, 1998
Page Two

HYDROLOGY: The DEA needs to show that the highway widening will affect, and require DOT's replacement of, some of the existing drainage gulches and drip irrigation pipelines that presently run parallel to the existing highway. Additional land will be needed to be taken out of cultivation to accommodate the reconstruction of the drainage system. Right-of-way, flow volume, operational and cost considerations will need to be taken into account in the location, design and on-going maintenance of the replacement drainage system, and we recommend that close coordination between DOT and HC&S be established throughout the design and construction of the new drainage system.

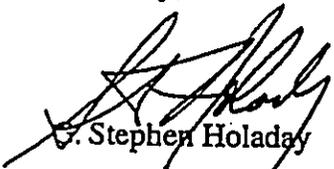
WATER QUALITY: Drainage plans which direct runoff into roadside swales should be reviewed with HC&S to ensure that the design avoids runoff into HC&S fields.

In conclusion, the widening of Honoapiilani Highway will cause some impacts to HC&S and, this will require adequate mitigative measures to ensure minimal disruption to HC&S' operations. We trust that these impacts and mitigation measures will be addressed in the Draft Environmental

Assessment. If you need further clarification of our concerns or recommendations, please feel free to call Randall Moore at HC&S, at 808-877-6968.

We welcome discussion with you and/or with your consultants on this highway project.

Sincerely,


Stephen Holaday

cc: M. J. Ching
S. Kuriyama

HWY-DD
2.9823

June 19, 1998

Mr. G. Stephen Holaday
Plantation General Manager
Hawaiian Commercial and Sugar Company
A Division of A&B Hawaii, Inc.
P.O. Box 266
Puunene, Hawaii 96784

Attention: Mr. Randall Moore

Dear Mr. Holaday:

Subject: Draft Environmental Assessment for Honoapiilani Highway Widening, North
Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii

Thank you for your response letter dated May 25, 1998 to our draft environmental assessment (EA).

We have addressed each of your comments in the following manner:

1. The additional right-of-way required for the widening is approximately eight (8) acres. In order to meet our projected schedule, we need to acquire the land by February 1999. We regret that the harvesting of the two affected fields will not be possible according to this timetable.
2. There are no agriculture access points shown on our right-of-way maps within our project limits. Therefore, no agriculture access points will be provided.
3. The highway widening design includes the adjustment and/or extension of existing culverts, roadside swales and irrigation lines. We acknowledge the fact that additional land will be needed to accommodate this drainage adjustment/extension. The eight acres of highway widening already takes this additional land into account. We will be coordinating our drainage system design with Hawaiian Commercial and Sugar Company (HC&S) throughout the design phase of the project.
4. The drainage plan that will direct runoff into roadside swales will be sent to HC&S for your review.

Mr. G. Stephen Holaday
Page 2

HWY-DD
2.9823

In the revised draft EA, we have included a section that addresses the impacts to HC&S as well as measures to mitigate these impacts.

If you have any additional comments concerning the draft EA, please call Ross Hironaka at 587-2250 or reply to the attention of Ross Hironaka, Project Manager.

Very truly yours,

Paul M. Hamanits
for
PERICLES MANTHOS
Administrator
Highways Division

Post-It® Fax Note	7671	Date	# of pages
To	Pericles Manthos	From	Boyd Dixon
Co./Dept.	Dept of Trans	Co.	
Phone #		Phone #	
Fax #	722195	Fax #	



LAND DIVISION
OFFICE

2 9 36 AM '98

STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

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

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

DEPUTY
OLBERT COLOMA-AGARAN

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

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DEPT. OF TRANSPORTATION
HIGHWAYS DIVISION

DESIGN REVIEW
HIGHWAY DIVISION
DEPT. OF TRANSPORTATION

JUN -2 11:57

RECEIVED

May 28, 1998

MEMORANDUM

TO: Dean Uchida, Administrator
Land Division

FROM: Don Hibbard, Administrator
State Historic Preservation Division

SUBJECT: Chapter 6E-42 Historic Preservation Review of a Draft EA for Honoapiʻilani Highway Widening - North Kihei Road to Maʻalaea Waikapu Ahupuaʻa, Waikuku District, Island of Maui
TMK 3-6-1 and 3-8-5 (DOT 29038 and FAP, No. NH-30-1-(28))

LOG NO: 21500 ✓
DOC NO: 9805BD12

This is a Historic Preservation review of a draft EA for proposed Honoapiʻilani Highway widening from North Kihei Road to Maʻalaea, located in Waikapu Ahupuaʻa. Our review is based on reports, maps, and aerial photographs maintained at the State Historic Preservation Division; no field check was conducted of the subject property.

The subject property seems likely to have once been the location of pre-Contact agricultural fields and perhaps scattered housing. Twentieth century agriculture and highway construction has since altered the landscape, making it unlikely that any historic sites remain intact. We therefore find the proposed construction project to have "no effect" on historic sites.

In the event that unrecorded historic remains (i.e. subsurface firepits, artifacts, or human skeletal remains) are inadvertently uncovered during construction, all work should cease in the vicinity and the contractor should immediately contact the State Historic Preservation Division.

If you have any questions please contact Boyd Dixon at 243-5169.

BD:jen

cc. Ralph Nagamine, Maui County Department of Public Works (fax: 243-7972)
David Blane, Maui County Department of Planning (fax: 243-7634)
Pericles Manthos, Administrator, Highways Division (fax: 587-2219)

RH



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AQUACULTURE DEVELOPMENT PROGRAM
AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
CONSERVATION AND RESOURCES ENFORCEMENT
CONVEYANCES
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
LAND DIVISION
STATE PARKS
WATER RESOURCE MANAGEMENT

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

June 4, 1998

LD-NAV

Ref.: 2DOT2903.8R

Mr. Pericles Manthos
Administrator, Highways Division
State of Hawaii
Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813-5097

RECEIVED
JUN -5 4:28 PM '98
DEPT. OF LAND AND NATURAL RESOURCES

Dear Mr. Manthos:

SUBJECT: Review : Pre-Draft Environmental Assessment
I. D. No.: DOT29038 - FAP No. NH-030-1-(28)
Applicant: Department of Transportation (SOH)
Project : Honoapiilani Highway Widening
Proposal : North Kihei Road to Maalaea Road
Location : Wailuku, Island of Maui, Hawaii

This is a follow-up to our Department's letter dated April 29, 1998, regarding the subject matter.

Our Land Division Engineering Branch has recently informed us that the project site near the Honoapiilani Highway and Maalaea Road Intersection, according to FEMA Community Panel Map No. 150003 0235 B, is located in Zone B, an area subject to either one of the following:

1. Areas between limits of the 100-year flood and 500-year flood.
2. Certain areas subject to 100-year flood with average depths less than one (1) foot or where the contributing drainage area is less than one square mile.
3. Areas protected by levees from the base flood.

The remainder of the project site is located in Zone C (no shading), an area of minimal flooding. Should you have any questions, please contact Nick Vaccaro at 587-0438.

Very truly yours,

Dean Y. Uchida
DEAN . Y. UCHIDA
Administrator

c: Maui Land Board Member

BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII



LAWRENCE MIKE
DIRECTOR OF HEALTH

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

In reply, please refer to:

June 18, 1998

98-095/epo

Mr. Ross Hironaka
Project Manager
State of Hawaii
Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813-5097

Dear Mr. Hironaka:

Subject: Draft Environmental Assessment (DEA)
Honoapiilani Highway Widening, From North Kihei Road
to Maalaea Road
Wailuku, Maui
TMK: 3-6-1 & 3-8-5

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

Water Pollution

1. The applicant should contact the Army Corps of Engineers to identify whether a federal permit (including a Department of Army permit) is required for this project. If a federal permit is required, then a Section 401 Water Quality Certification is required from the State Department of Health, Clean Water Branch.
2. A National Pollutant Discharge Elimination System (NPDES) general permit is required for the following discharges to waters of the State:
 - a. Storm water discharges relating to construction activities, such as clearing, grading, and excavation, for projects equal to or greater than five acres;
 - b. Storm water discharges from industrial activities;
 - c. Construction dewatering activities;
 - d. Noncontact cooling water discharges less than one million gallons per day;

Mr. Ross Hironaka
June 18, 1998
Page 2

98-095/epo

- e. Treated groundwater from underground storage tank remedial activities;
- f. Hydrotesting water;
- g. Treated effluent from petroleum bulk stations and terminals; and
- n. Treated effluent from well drilling activities.

Any person requesting to be covered by a NPDES general permit for any of the above activities should file a Notice of Intent with the Department's Clean Water Branch at least 30 days prior to commencement of any discharge to waters of the State.

Any questions regarding these comments should be directed to Mr. Denis Lau, Branch Chief, Clean Water Branch at 586-4309.

Polluted Runoff Control

Proper planning, design and use of erosion control measures and management practices will substantially reduce the total volume of runoff and limit the potential impact to the coastal waters from polluted runoff. Please refer to the *Hawaii's Coastal Nonpoint Source Control Plan*, pages III-117 to III-119 for guidance on these management measures and practices for specific project activities. To inquire about receiving a copy of this plan, please call the State Coastal Zone Management Program in the State Planning Office at 587-2877.

The following practices are suggested to minimize erosion during construction activities:

1. Conduct grubbing and grading activities during the low rainfall months (minimum erosion potential).
2. Clear only areas essential for construction.
3. Locate potential nonpoint pollutant sources away from steep slopes, water bodies, and critical areas.
4. Protect natural vegetation with fencing, tree armoring, and retaining walls or tree wells.
5. Cover or stabilize topsoil stockpiles.
6. Intercept runoff above disturbed slopes and convey it to a permanent channel or storm drain.

Mr. Ross Hironaka
June 18, 1998
Page 3

98-095/epo

7. On long or steep slopes, construct benches, terraces, or ditches at regular intervals to intercept runoff.
8. Protect areas that provide important water quality benefits and/or are environmentally sensitive ecosystems.
9. Protect water bodies and natural drainage systems by establishing streamside buffers.
10. Minimize the amount of construction time spent in any stream bed.
11. Properly dispose of sediment and debris from construction activities.
12. Replant or cover bare areas as soon as grading or construction is completed. New plantings will require soil amendments, fertilizers and temporary irrigation to become established. Use high planting and/or seeding rates to ensure rapid stand establishment. Use seeding and mulch/mats. Sodding is an alternative.

The following practices are suggested to remove solids and associated pollutants in runoff during and after heavy rains and/or wind:

1. Sediment basins.
2. Sediment traps.
3. Fabric filter fences.
4. Straw bale barriers.
5. Vegetative filter strips.

Any questions regarding these matters should be directed to the Polluted Runoff Control Program in the Clean Water Branch at 586-4309.

Sincerely,



BRUCE S. ANDERSON, Ph.D.
Deputy Director for
Environmental Health

c: CWB

HWY-DD
2.9858

June 23, 1998

Bruce S. Anderson, Ph.D.
Deputy Director for Environmental Health
Department of Health
P.O. Box 3378
Honolulu, Hawaii 96801

Attention: Mr. Denis Lau, Branch Chief

Dear Dr. Anderson:

Subject: Draft Environmental Assessment for Honoapiilani Highway Widening, North
Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii
Letter No. 98-095/epo

Thank you for your response letter dated June 18, 1998, to our draft environmental
assessment (EA).

In response to your comments concerning water pollution, we are still awaiting comments
from the Army Corps of Engineers to identify whether a permit is needed for this project.
In addition, a National Pollutant Discharge Elimination System general permit will be
obtained for this project and a Notice of Intent will be filed at least 30 days prior to
construction.

Concerning polluted runoff control during construction, we will minimize erosion using some
of the practices suggested in your letter.

If you have any additional comments concerning the draft EA, please call Ross Hironaka
at 587-2250 or reply to the attention of Ross Hironaka, Project Manager.

Very truly yours,

Paul M. Hamamoto
for PERICLES MANTHOS
Administrator
Highways Division

HWY2863

BENJAMIN J. CAYETANO
GOVERNOR RECEIVED

JUL 28 10 11 AM '98

DEPT. OF TRANSPORTATION
HIGHWAYS DIVISION



RECEIVED

STATE OF HAWAII 30 P3:06
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

235 SOUTH BERETANIA STREET
SUITE 702
HONOLULU, HAWAII 96813
TELEPHONE (808) 586-4186
FACSIMILE (808) 586-4186

GARY GILL
DIRECTOR

July 22, 1998

DIRECTOR'S OFFICE
DEPT. OF
TRANSPORTATION
JUL 27 10 30 AM '98

Mr. Kazu Hayashida, Director
State Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813

Dear Mr. Hayashida:

Subject: Draft Environmental Assessment for Honoapiilani Highway
Widening, North Kihei Road to Maalaea Road, Maui

Thank you for the opportunity to review the above project. We
have the following questions and comments.

1. In the past three years, we have received several environmental assessments for projects associated with Honoapiilani Widening. For example, we received separate environmental assessments for: i) Honoapiilani Highway Widening, Kuihelani Highway to North Kihei Road (1995); ii) Honoapiilani Highway Widening, Kaanapali Parkway to Honokowai Stream (1997); and iii) Honoapiilani Highway Widening, Maalaea Road to North Kihei Road (1998). Additionally, the Department of Transportation has plans to widen Honoapiilani Highway from Maalaea Harbor to Lahaina Bypass (Final Report Maui Long-Range Land Transportation Plan, 1997).

Section 11-200-7, Hawaii Administrative Rules, states that "a group of actions proposed by an agency or applicant shall be treated as a single action when: (1) the component actions are phases or increments of a larger total undertaking; (2) an individual project is a necessary precedent for a larger project; (3) an individual project represents a commitment to a larger project; or (4) the actions in question are essentially identical and a single statement will adequately address the impacts of each individual action and those of the group of actions as a whole."

Mr. Hayashida
Page 2

Accordingly, in preparing environmental assessments or impact statements, the Department of Transportation must consider every phase of a proposed action as a single action. Therefore we recommend that a single environmental assessment or impact statement be prepared for all phases of the Honoapiilani Highway widening project.

2. The goals of this project are to increase safety and reduce traffic congestion. Please provide the necessary data concerning current and future safety and traffic conditions. The following information should be included: a) average daily traffic; (b) roadway level of service; and (c) accident rate.
3. The highway lighting system along the roadway includes overhead wires. We recommend placing the wires and other relocated utilities underground to reduce visual impacts. Please describe any federal and/or state guidelines regarding undergrounding of utility lines.
4. State policy (HRS Chapters 26, 226, 264, 344) requires the promotion of alternative forms of transportation systems that reduce reliance on the private automobile, conserve energy, reduce pollution and provide safe accommodations for their users. Pursuant to this policy, please discuss what provisions are being made to create bicycle lanes or facilities, promote pedestrian safety and/or encourage other non-motorized modes of transportation.
5. Please show details of the intersections of Honoapiilani Highway and agricultural roads in the vicinity of the project. How will agricultural vehicles safely cross the newly widened highway?
6. This widening project is part of the Maui Long Range Plan. Please describe other nearby roadway projects in the long range plan. What are the cumulative impacts of this project?
7. Please provide reduced copies of the latest available design drawings for the project.

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

Sincerely,



Gary Gill
Director

HWY 2863
HWY-DD
2.0896

SEP 17 1998

Mr. Gary Gill, Director
Office of Environmental Quality Control
235 South Beretania Street
State Office Tower, Suite 702
Honolulu, Hawaii 96813

Dear Mr. Gill:

Subject: Draft Environmental Assessment for Honoapiilani Highway Widening, North
Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii

Thank you for your comments regarding the subject draft environmental assessment.
We have addressed each of your comments in the following manner.

1. The Maui Long Range Land Transportation Plan (MLRLTP) is a master plan that does not require an environmental document. It is a conceptual plan of projects that may be implemented in the future and does not represent a commitment on the part of the DOT. Because of the conceptual nature of the plan, the various projects along Honoapiilani Highway do not have set alignments or details. This lack of detail makes it impossible to determine the cumulative effect of the projects.

In regards to the Hawaii Administrative Rules, Section 11-200-7:

- 1) This project is not a phase or increment of a larger Honoapiilani Highway project;
- 2) This project is not a precedent for a larger project to begin or continue;
- 3) This project does not represent a commitment to a larger project; and
- 4) The actions necessary for this project are not identical to other projects in the area and a single statement will not adequately address all impacts of each action.

2. Traffic data for the project is as follows:

The average daily traffic (ADT) for 1997 is 23,175 cars per day and the ADT for the year 2017 is calculated at 37,340 cars per day. The Maui Long Range Land Transportation Plan states that for the year 1990, the Level of Service (LOS) analysis for the northbound traffic on Honoapiilani Highway is LOS C in the morning peak hours and LOS F in the evening peak hours. The southbound traffic has a LOS E in the morning peak and LOS D in the evening peak.

The MLRLTP analyzed for the year 2020 and found that the northbound and southbound traffic will all have peak hour LOS F rankings. Roadways operating at LOS D, E or F are considered deficient and would require improvement as stated in the Maui Long Range Plan.

3. Due to Act 84 (SB No. 2999, SD2, HD2), the undergrounding of overhead utility facilities will be arranged when a determination is made that federal highway funds are available to pay for the federal share of the cost differential between underground and overhead facilities and when the Director deems that such expenditure is reasonable and feasible. Therefore, we plan to underground the electrical cabling within the limits of this project but will do so only if sufficient funds are available and if approved by the Director.

4. According to Bike Plan Hawaii, this section of Honoapiilani Highway is part of a future bike route. Provisions were already made for a bike route in this project by providing eight to ten-foot wide shoulders, as shown in the typical section, and bike route signing.

Additionally, pedestrians do not typically use this highway corridor as a means to travel from one destination to another.

5. Our right-of-way map of the project area shows one agricultural access on the makai side of Honoapiilani Highway. The permitted access will be relocated parallel to its existing location on the makai side of the widened highway and will remain available for agricultural use only. No agricultural roads are in the vicinity of the project.

6. Projects in the vicinity of the subject project are:

- 1) In Central and West Maui, Honoapiilani Highway to be widened from two to four lanes from Kuihelani Highway to North Kihei Road approximately between the years 1996 and 2000; and

SEP 17 1999

- 2) In Central Maui, Kuihelani Highway to be widened from two to four lanes from a point 1.4 miles south of Puunene Avenue to Honoapiilani Highway between the years 1999 and 2000.

No substantial secondary impacts, such as population changes or effects on public facilities are anticipated. The project arises from needs established by a rapidly growing population. To the extent that access is improved, subdivision build-out may accelerate. This impact, however, may be more responsive to general economic conditions rather than improved traffic conditions. An improved roadway network will provide better access to public facilities in the area.

As mentioned in our response to Comment No. 1, these projects are conceptual and the proposed action does not involve a commitment to larger actions. Therefore, the cumulative impacts of this project cannot be determined. The proposed project is self-contained and independent of other proposed highway improvements or other types of projects. It addresses deficiencies in the roadway network recognized in various State and County planning documents.

7. The design of this project will be coordinated with the appropriate agencies.

If you have any questions, please contact Mr. Ross Hironaka, Project Manager, at 587-2250.

Very truly yours,


KAZU HAYASHIDA
Director of Transportation

Council Chair
Patrick S. Kawano

Council Vice-Chair
James "Kimo" Apana

Council Members
Jan M. Arakawa
J. Kalani English
Sol P. Kaho'ohalahala
Alice L. Lee
Dennis Y. Nakamura
Wayne K. Nishiki
Charmaine M. Tavares



COUNTY COUNCIL
COUNTY OF MAUI
200 S. HIGH STREET
WAILUKU, MAUI, HAWAII 96793

DIR 870

Ken R. Fukuoka
Director of Council Services

Mr. Kazu Hayashida, Director of Transportation
State of Hawaii, Department of Transportation
869 Punchbowl Street
Honolulu, Hi. 96813-5097

July 23, 1998

Dear Mr. Hayashida:

RE: Draft EA for Honoapiilani Highway Widening, North Kihei
Rd. To Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui,

This section of the highway will have severe future impacts due to two major Project Districts that have recently been approved in the Community Plan for this area. I am concerned that the DEA does not disclose a conceptual design plan for this project. It does not disclose how the extra two lanes will affect traffic ingress and egress at Maalaea Road or North Kihei Road. There is no disclosure of drainage plans which could affect down-gradient properties.

The public cannot comment on the impact a project may have if you do not disclose adequate information about the project in your draft assessment. Furthermore, you did not consult with the Maalaea Community Association prior to submitting it for review, as required under Section 11-200-9.1(4)

I am requesting that you resubmit your Draft Environmental Assessment and include the following information so that an adequate review of potential impacts can be made;

1. Conceptual design plan to include layout of ingress and egress lanes, median strip, lighting and drainage.
2. Traffic study to include the impact of traffic flow at Maalaea Road and North Kihei Road. This should also include analysis of the impact on traffic bottle-necking from 4 lanes to 2 lanes in the Lahaina direction.
3. Drainage plans and report.

Please explain why you are submitting increments of Honoapiilani Highway widening for environmental review. Section 11-200-7 of the Environmental Impact Statement Rules requires that phases of a single action be treated as a whole.

Thank you for this opportunity to comment.

Sincerely,

Wayne Nishiki

DIR 870
HWY-DD
2.0815

SEP 17 1998

The Honorable Wayne Nishiki
Councilmember
County of Maui
200 South High Street
Wailuku, Hawaii 96793

Dear Councilmember Nishiki:

Subject: Draft Environmental Assessment for Honoapiilani Highway Widening,
North Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku,
Maui, Hawaii

Thank you for your comments regarding the subject draft environmental assessment.
We have addressed each of your comments in the following manner.

1. According to the Federal Highways Administration Technical Advisory T6640.8A, Section II, **ENVIRONMENTAL ASSESSMENT (EA)**, "The primary purpose of an EA is to help the FHWA and the HA decide whether or not an EIS is needed . . . The EA should be a concise document and should not contain long descriptions or detailed information which may have been gathered . . . for the proposed action."

Detailed designs will be prepared after we have evaluated all the comments and concerns on this project's potential impacts to the environment. To engage in detailed design prior to publishing the EA, when not required by Federal regulations and without the guidance provided by the concerns raised during the EA comment period, would not be an efficient use of our limited manpower resources.

2. Traffic data for the project is as follows:

The average daily traffic (ADT) for 1997 is 23,175 cars per day and the ADT for the year 2017 is calculated at 37,340 cars per day.

The Maui Long Range Land Transportation Plan states that for the year 1990, the Level of Service (LOS) analysis for the northbound traffic on Honoapiilani Highway is LOS C in the morning peak hours and LOS F in the evening peak hours. The southbound traffic has a LOS E in the morning peak and LOS D in the evening peak.

The Honorable Wayne Nishiki
Page 2
SEP 17 1996

HWY-DD
2.0815

The Maui Long Range Plan also analyzed for the year 2020 and found that the northbound and southbound traffic will both have peak hour LOS F rankings. Roadways operating at LOS D, E or F are considered deficient and would require improvement as stated in the Maui Long Range Plan.

3. Drainage plans and a drainage report will be created only after the highway widening design has been finalized with the coordination of the appropriate agencies.
4. We will be contacting the Maalaea Community Association for their review and comment of the draft EA.

Honoapiilani Highway Widening from Maalaea Road to North Kihei Road is not part of a phased construction and does not fall under any of the four categories listed in Section 11-200-7, HAR. This project, like the widening from Kuihelani Highway to North Kihei Road, has logical termini and, therefore, stands on its own.

If you have any questions, please contact Ross Hironaka, Project Manager, at 587-2250.

Very truly yours,



KAZU HAYASHIDA
Director of Transportation



United States Department of the Interior '98 AUG 25 P 6:10

FISH AND WILDLIFE SERVICE
Pacific Islands Ecoregion
300 Ala Moana Boulevard, Room 3-122
Box 50088
Honolulu, Hawaii 96850

RECEIVED *Xep/m/98*
DEPT. OF THE INTERIOR
FISH AND WILDLIFE SERVICE

AUG 20 1998

In Reply Refer To: MR

Mr. Ross Hironaka,
Project Manager
Highways Division
State of Hawaii
Department of Transportation
869 Punchbowl St.
Honolulu, HI 96813-5097

Re: Project No. TMK 3-6-1 & 3-8-5, Honoapiilani Highway Widening, North Kihei to Maalaea Road

Dear Mr. Hironaka:

The U.S. Fish and Wildlife Service (Service) has reviewed the draft Environmental Assessment (EA) for the widening of the existing Honoapiilani Highway. The applicant is the State of Hawaii, Department of Transportation. The proposed project involves widening the existing rural two lane highway to a four lane divided highway for a length of 0.97 miles between North Kihei Road, Route 310 and Maalaea Road. The Service offers the following comments for your consideration.

Based on the information provided in the draft EA, the Service does not anticipate direct adverse impacts to fish and wildlife resources to result from the proposed project, and we support the recommendations outlined in the draft EA to minimize erosion and protect water quality. The Service also appreciates the statements of intent in the EA regarding the safe placement and storage of construction-related materials to avoid or minimize disturbance and runoff to the near-shore environment and the use of only pollutant-free construction materials.

It is unclear whether construction activities will occur after sunset, which would require lighting. Both circumstantial observations and experimental evidence show that artificial lighting on or near beaches tends to deter sea turtles from emerging out of the sea to nest, and hawksbill sea turtles (*Eretmochelys imbricata*) are known to occur and nest near the project vicinity.

In addition, the federally endangered dark-rumped petrel (*Pterodroma phaeopygia sandwichensis*) occurs on Maui and nests in Haleakala Crater. Young dark-rumped petrels

are inexperienced fliers and have a natural attraction to bright lights. When flying at night they can be temporarily blinded by bright lights and fly into unseen objects such as utility wires, trees, buildings, and automobiles. The Service recommends that all artificial lighting at the project sites be shielded and oriented toward the ground and away from the beach in order to help protect these sensitive species.

The Service appreciates the opportunity to comment on the proposed project. If you have questions regarding these comments, please contact Fish and Wildlife Biologist, Mike Richardson by telephone at 808/541-3441 or by facsimile transmission at 808/541-3470.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert P. Smith". The signature is fluid and cursive, with a long horizontal stroke at the end.

Robert P. Smith,
Pacific Islands Manager

HWY-DD
2.0849

September 3, 1998

Mr. Robert P. Smith, Pacific Islands Manager
U.S. Department of the Interior
Fish and Wildlife Service
300 Ala Moana Blvd, Room 3-122
Box 50088
Honolulu, Hawaii 96850

Attention: Mr. Mike Richardson
Fish and Wildlife Biologist

Dear Mr. Smith:

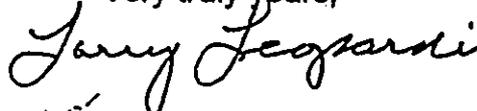
Subject: Draft Environmental Assessment for Honoapiilani Highway Widening, North
Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii

Thank you for your response letter dated August 20, 1998, to our draft environmental
assessment (EA).

In response to your comment that, "it is unclear whether construction activities will occur
after sunset," we do not anticipate any construction activities after sunset for this project.
In the unlikely event that these activities do occur, we will direct the contractor to shield and
orient all artificial lighting toward the ground and away from the beach as you have
recommended.

If you have any additional comments concerning the draft EA, please call Ross Hironaka
at 587-2250 or reply to the attention of Ross Hironaka, Project Manager.

Very truly yours,



 PERICLES MANTHOS
Administrator
Highways Division

HWY-DD
2.0915

September 10, 1998

U.S. Army Corps of Engineers
Pacific Ocean Division
Building 230
Fort Shafter, Hawaii 96858-5440

Gentlemen:

Subject: Final Environmental Assessment for Honoapiilani Highway Widening, North
Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii

The Department of Transportation is preparing a Final Environmental Assessment for the subject project. Although the public comment period for the draft environmental assessment ended on July 22, 1998, we would appreciate any recommendations or concerns you may have regarding the project.

Previously, we sent a letter to you dated April 27, 1998, asking for comments on the Draft Environmental Assessment. Although we did not receive a response letter to the request, we and the State Department of Health are asking for confirmation that no permits will be required by the Corps of Engineers.

Enclosed are two copies of the Final Environmental Assessment. We request that your recommendations be sent by September 30, 1998.

If you have any questions regarding this request, please call Mr. Ross Hironaka at 587-2250. In response to this request, please reply to the attention of Ross Hironaka, Project Manager.

Very truly yours,



PERICLES MANTHOS
Administrator
Highways Division



RECEIVED

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

REC -7 P2:13
ATTENTION OF

November 18, 1998

RECEIVED
Nov 20 2 54 PM '98
DEPT. OF TRANSPORTATION
HIGHWAYS DIVISION

Operations Branch

HIGHWAYS
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1011

Mr. Pericle Manthos, Administrator
State of Hawaii
Department of Transportation
Highways Division
869 Punchbowl Street
Honolulu, Hawaii 96813-5097

Dear Mr. Manthos:

This is in regards to a determination whether a Department of the Army (DA) permit would be required for the proposed Honoapiilani Highway Widening Project at Maalaea Road to North Kihei Road, Wailuku, Maui, Hawaii.

Based on information provided in the final Environmental Assessment and the digitized photographs of the drainage sites located throughout the highway widening project, the U.S. Army Corps of Engineers has determined that the drainage ways are not jurisdictional waters of the United States. Corps regulations at 33 CFR 328.4(c) state that the limit of waters of the U.S. extends to the ordinary high water mark. "Ordinary high water mark" is defined at 33 CFR 328.3(e) as the line on the shore established by the fluctuations of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris or other appropriate means. The photographs of the drainage ways indicated a clear absence of any identifiable ordinary high water mark. Consequently, the project does not contain jurisdictional waters of the U.S. and a DA permit is not necessary for the proposed work.

If you have further questions or need additional information, please contact Ms. Lolly Silva of my staff at 438-9258, extension 17. Please refer to file number 980000341.

Sincerely,

George P. Young, P.E.
Chief, Operations Branch

September 30, 19

Department of Transportation
Highway Division, State of Hawaii
869 Punchbowl Street
Honolulu, HI 96813

Attention: Ross Hironaka; Project Manager

Dear Mr. Hironaka,

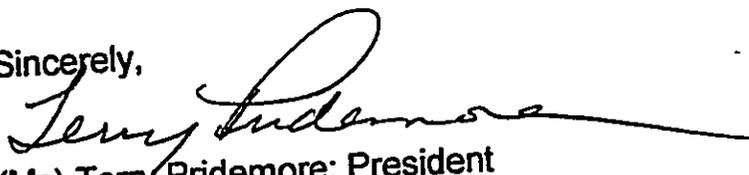
We appreciate being included in the request from Mr. Pericles Manthos i for concerns regarding the construction of Honoapiilani Highway from N. Kihei Road and Maalaea Road. I understand I am to send our reply to your attention.

The concerns Mr. Jack Mueller addressed in his letter of July 10, 1998 continue.

In addition I noted that your item #11 (flood plains) states "the project will not affect an environmentally sensitive area such as a flood plain..... It does not match the concerns of the DLNR in their June 4, 1998 letter, referring to the 100 year and 500 year flood plains, certain areas subject to 100 year flood with average depths less than 1 foot or where the contributing drainage area is less than one square mile and areas protected by levees from the base flood. I also noted there was no response, from you, to their concerns, in the packet I received. We, who live in Maalaea know the impact of heavy rain and the capability of the existing drains. . Adding additional paved areas mauka from us will certainly affect the speed and amount of water these drainage systems will be expected to handle. Will your project improve the drainage systems under Hauoli Street to handle this runoff? I did not see this included in your environmental assessment. and for obvious reasons would like to have you address these concerns

I have been off island for 5 weeks so have been delayed in responding to your letter. I thank you very much for sending me the information and for including the people of Maalaea in your process.

Sincerely,


(Ms) Terry Pridemore; President
Maalaea Community Association.

cc. J. Mueller

3/27/99

HWY-DD 2.3209

March 25, 1999

Ms. Terry Pridemore
Maalaea Community Association
c/o 150 Hauoli Street
Wailuku HI 96793

Subject: Draft Environmental Assessment (EA) for Honoapiilani Highway Widening,
Maalaea Road to North Kihei Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii

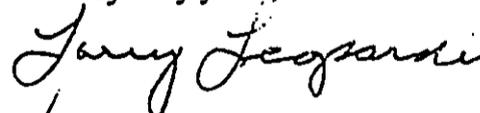
This is in response to your comment about the "concerns of the DLNR," as stated in your letter of September 30, 1998. Curtis Matsuda of our Hydraulic Design Section has been in contact with Mr. Edward Henry (phone 587-0380) and Mr. Samuel Lemmo (phone 587-0381) of the Land Division, Department of Land and Natural Resources, regarding this matter. Their letter to our Department was for informational purposes only.

Based on our preliminary computations, the additional runoff due to the widening will increase approximately one (1) percent and will not adversely impact the existing drainage systems. The majority of the runoff contributing to the drainage systems comes from watersheds situated west of the highway

As far as drainage improvements to Hauoli Street are concerned, this street is not located within the project limits. Therefore, no improvements will be made. Mr. Jack Mueller, as mentioned in your letter, is not referenced in our draft EA. If he has any major concerns regarding this project, please send them to us.

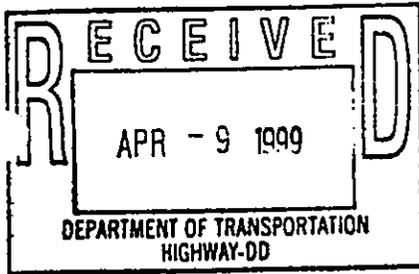
If you have additional comments or questions regarding the draft EA, please call Ross Hironaka at 692-7575 or reply to the attention of Ross Hironaka and reference letter number HWY-DD 2.3209 as shown above.

Very truly yours,



PERICLES MANTHOS
Administrator
Highways Division

CM:ky
bc: HWY-DD
HWY-DH (CM)



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION
P.O. BOX 821
HONOLULU, HAWAII 96809

RECEIVED
APR 8 3 51 PM '99
DEPT. OF TRANSPORTATION
HIGHWAYS DIVISION

Pola/aa

AQUACULTURE DEVELOPMENT
PROGRAM
AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
CONSERVATION AND
RESOURCES ENFORCEMENT
CONVEYANCES
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
LAND DIVISION
STATE PARKS
WATER RESOURCE MANAGEMENT

APR 7 1999

Ref: PS:EH

Mr. Pericles Manthos
Administrator, Highways Division
Department of Transportation
State of Hawaii
869 Punchbowl Street
Honolulu, Hawaii 96813-5097

Atten: Mr. Ross Hironaka

Dear Mr. Manthos:

Subject: Honoapiilani Highway Widening, North Kihei Road
To Maalaea Road, Maui

This letter acknowledges that the comments we provided in our letter of June 4, 1998 regarding FEMA data in the area of the subject project was for information purposes only.

The Department of Transportation has addressed those concerns in the design of the project.

Should you have any further questions regarding this matter, please contact staff planner Ed Henry at 587-0380.

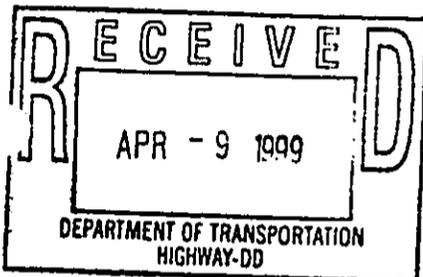
Thank you for your attention and cooperation regarding the design of the proposed project.

Very truly yours,

Dean Uchida
Dean Uchida,
Administrator

CORRECTION

THE PRECEDING DOCUMENT(S) HAS
BEEN REPHOTOGRAPHED TO ASSURE
LEGIBILITY
SEE FRAME(S)
IMMEDIATELY FOLLOWING



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

RECEIVED
 APR 8 3 51 PM '99
 DEPT. OF TRANSPORTATION
 HIGHWAYS DIVISION

Papa

AQUACULTURE DEVELOPMENT PROGRAM
 AQUATIC RESOURCES
 BOATING AND OCEAN RECREATION
 CONSERVATION AND
 RESOURCES ENFORCEMENT
 CONVEYANCES
 FORESTRY AND WILDLIFE
 HISTORIC PRESERVATION
 LAND DIVISION
 STATE PARKS
 WATER RESOURCE MANAGEMENT

APR 7 1999

Ref: PS:EH

Mr. Pericles Manthos
 Administrator, Highways Division
 Department of Transportation
 State of Hawaii
 869 Punchbowl Street
 Honolulu, Hawaii 96813-5097

Atten: Mr. Ross Hironaka

Dear Mr. Manthos:

Subject: Honoapiilani Highway Widening, North Kihei Road
 To Maalaea Road, Maui

This letter acknowledges that the comments we provided in our letter of June 4, 1998 regarding FEMA data in the area of the subject project was for information purposes only.

The Department of Transportation has addressed those concerns in the design of the project.

Should you have any further questions regarding this matter, please contact staff planner Ed Henry at 587-0380.

Thank you for you attention and cooperation regarding the design of the proposed project.

Very truly yours,

Dean Uchida
 Dean Uchida,
 Administrator

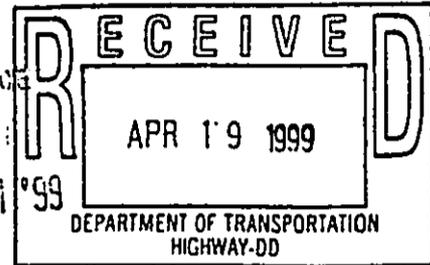
4/19/99



DIRECTOR'S OFFICE
DEPT. OF
TRANSPORTATION
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
Hawaii Division
300 Ala Moana Blvd., Room 3-306
Honolulu, HI 96850
April 14, 1999

DIRECTOR'S OFFICE
DEPT. OF
TRANSPORTATION

APR 16 1 02 PM '99



IN REPLY REFER TO
HEC-HI

Mr. Kazu Hayashida
Hawaii Department of Transportation
869 Punchbowl Street
Honolulu, HI 96813-5097
Attention: Mr. Ross Hironaka, HWY-DD

Dear Mr. Hayashida:

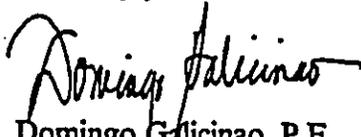
Subject: Honoapiilani Highway Widening, Maalaea Road
to North Kihei Road, NH-030-1(28), Draft EA

We have reviewed the draft Environmental Assessment for the subject project and have the following minor comments to offer:

1. Under the **General** subsection: This project is not included in the Final Report of the Maui Long-Range Land Transportation Plan. Please verify this as a statement in the subsection contradicts this. Also suggest a discussion on how the timing of this widening project relates to N. Kihei Road to Kuihelani Highway project and the decision for separate projects. Please clarify the widened section proposed for North Kihei Road to Kuihelani Highway. Also include a discussion on the transition to the existing lanes at Maalaea Road and any future plans to extend the widened section toward Lahaina.
2. The subsection on **Alternatives Considered** should be moved toward the beginning of the document.
3. Under the **Traffic** subsection, for the benefit of public review, please define LOS and perhaps include a table to show the categories and help clarify the levels. We should include a discussion on history of recorded accidents in the area and we would expect that the improvements will address this from a safety aspect. We assume there are provisions for redesign or re-striping of new/existing turning lanes.
4. If necessary, include any expected impact to the Maui Ocean Center and other nearby commercial areas, discussion of plans for work zone control and access to Center and vicinity. If there are significant impacts, then we should coordinate with all affected commercial establishments.
5. Since HC&S will experience the greatest impact from the widening, we would like to ensure that their initial concerns have been adequately addressed. If necessary, please include any subsequent correspondence from HC&S.
6. This may be more of a design detail question but I'll just bring this up at this stage. Because of possible actual speeds in excess of the posted limit, has there been any consideration of separated bike lanes or barriers to help shield bikers?

Please prepare a notice of availability of the EA and the opportunity for a public hearing if necessary.
If you have any further questions, please call Domingo Galicinao at 541-2700 ext. 302.

Sincerely yours,


Domingo Galicinao, P.E.
Structural Engineer

HWY-DD
2.4806

AUG 3 - 1999

Mr. Abraham Wong
Division Administrator
U. S. Department of Transportation
Federal Highway Administration
Box 50206
Honolulu, Hawaii 96850

Attention: Mr. Domingo Galicinao

Dear Mr. Wong:

Subject: Draft Environmental Assessment for Honoapiilani Highway Widening,
North Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku,
Maui, Hawaii

Thank you for your comments regarding the subject draft environmental assessment. We have addressed each of your comments in the following manner.

1. This project is included in the Maui Long Range Land Transportation Plan, labeled as Project No. S19b. It is most important that Honoapiilani Highway from North Kihei Road to Kuihelani Highway be constructed first as it serves to provide continuity to the two other widening projects in the area.

The project scope for Honoapiilani Highway from North Kihei Road to Kuihelani Highway includes the widening of Honoapiilani Highway and Pohakea Bridge from two lanes to four lanes. The Maalaea Road connection will be lengthened to provide a safer merge with Honoapiilani Highway. Although the Long Range Plan includes two projects to widen Honoapiilani Highway west of Maalaea Harbor, they are not currently being implemented nor are they scheduled to do so.

2. Alternatives considered subsection moved to beginning of the EA as requested.

Mr. Abraham Wong
Page 2
AUG 3 - 1999

HWY-DD
2.4806

3. In the Traffic subsection, a LOS definition table was added as requested. There are no recorded accidents in the project area. Provisions for redesign or restriping the new and existing lanes are expected.
4. Expected impacts to the shopping center at Maalaea Triangle are already included in the Social subsection of the EA. The Maui Ocean Center will probably experience the same impacts as the shopping center. They include temporary traffic delays, minimal air quality impacts and temporary increase in noise levels during construction.
5. Any subsequent correspondence with HC&S will be included in the EA.
6. Separate bike lanes or barriers to shield bicyclists have not been considered because the roadway shoulders are wider than the normal four to six-foot shoulders.
7. Notice of availability of the Final EA will be prepared. A notice of opportunity for a public informational meeting will be published on August 2, 1999, in the HS&CPN.

If you have any questions, please contact Christine Yamasaki, Project Manager at 692-7572 and reference HWY-DD 2.4806 as noted above.

Very truly yours,


KAZU HAYASHIDA
Director of Transportation

CY:ra

bc: HWY-DD(RH)

HWY-DD
2.4456

July 6, 1999

Mr. G. Stephen Holaday
Plantation General Manager
Hawaiian Commercial and Sugar Company
A Division of A&B Hawaii, Inc.
P.O. Box 266
Puunene, Hawaii 96784

Attention: Mr. Randall Moore

Dear Mr. Holaday:

Subject: Final Environmental Assessment for Honoapiilani Highway Widening, North
Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii

To keep you updated on the progress of designing the subject project, please note the following revisions.

1. In our previous letter to you dated June 19, 1998, the project schedule for land acquisition was estimated for February 1999. Due to various delays, the revised schedule for acquisition is now April 2000. We hope that with this new schedule, harvesting the affected sugar cane can now be accomplished.
2. An existing 50-foot agricultural access on the makai side of Honoapiilani Highway, near North Kihei Road will be relocated with the right-of-way line. It will be located just offset of its existing location. Please see enclosed right-of-way plan sheet.
3. We have also enclosed the preliminary drainage plans (3 sheets) of the project for your review and comments.

Mr. G. Stephen Holaday
Page 2
July 6, 1999

HWY-DD
2.4456

If you have any questions regarding the drainage design, please call Curtis Matsuda at 692-7563. For any other questions, please call Christine Yamasaki at 692-7576 or reply to the attention of Christine Yamasaki, Acting Project Manager and reference HWY-DD 2.4456 as noted above.

Very truly yours,



PERICLES MANTHOS
Administrator
Highways Division

CY:ra

Enclosure

bc: HWY-DD(CY)
HWY-DH

HWY-DD
2.4451

July 6, 1999

Mr. Neal Fujiwara
District Conservationist
USDA-NRCS, Wailuku Field Office
210 Imi Kala Street, Suite 209
Wailuku, Hawaii 96793-2100

Dear Mr. Fujiwara:

Subject: Final Environmental Assessment for Honoapiilani Highway Widening, North
Kihei Road to Maalaea Road, TMK 3-6-1 and 3-8-5, Wailuku, Maui, Hawaii

In response to your request on the drainage system to be used for this project, we have enclosed the preliminary drainage plans (3 sheets).

If you have any questions regarding the drainage design, please call Curtis Matsuda at 692-7563.

Very truly yours,



PERICLES MANTHOS
Administrator
Highways Division

CY:ra

Enclosure

bc: HWY-DD(CY)

FINAL ENVIRONMENTAL ASSESSMENT
AND FONSI

FOR

HONOAPIILANI HIGHWAY WIDENING,
MAALAEA ROAD TO NORTH KIHEI ROAD
FEDERAL-AID PROJECT NO. NH-030-1(28)