

BENJAMIN J. CAYETANO  
GOVERNOR



KAZU HAYASHIDA  
DIRECTOR

DEPUTY DIRECTORS  
BRIAN K. MINAAI  
GLENN M. OKIMOTO

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

March 20, 2000

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OFFICE OF ENVIRONMENTAL  
QUALITY CONTROL

TO: GENEVIEVE SALMONSON, DIRECTOR  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

FROM: KAZU HAYASHIDA *Kazu Hayashida*  
DIRECTOR OF TRANSPORTATION

SUBJECT: FINAL ENVIRONMENTAL ASSESSMENT (EA) AND FINDING  
OF NO SIGNIFICANT IMPACT (FONSI) FOR HALEAKALA HIGHWAY  
WIDENING, PUKALANI BYPASS TO HANA HIGHWAY  
TMK: 2<sup>ND</sup> DIVISION -3-8-01 PORTION 1,6; 3-8-03 PORTION 4,5,7; 2-5-02  
PORTION 2; 2-5-03 PORTION 1, 10  
DISTRICTS OF MAKAWAO AND WAILUKU, ISLAND OF MAUI  
PROJECT NO. 37B-03-94

The Department of Transportation has reviewed the comments received during the public comment period. The Department of Transportation and the Federal Highway Administration have determined that the project will not have significant environmental effects and issued a FONSI. Please publish this notice in the April 8, 2000 OEQC Environmental Notice.

We have enclosed a completed OEQC Publication Form, project summary disk, and four copies of the final EA. Please call Emilio Barroga, Jr. at 692-7546 if you have any questions.

Enclosure

c: Environmental Communications w/o enc.

45

2000-04-08-MA-~~FEA~~-

APR 8 2000

**FILE COPY**

OCTOBER, 1999

**PROPOSED ~~H~~ALEAKALA HIGHWAY  
WIDENING, PUKALANI BYPASS  
TO HANA HIGHWAY ~~A~~**

Wailuku and Makawao Districts, Maui County, Hawaii  
PROJECT NO. 37B-03-94

**FINAL ENVIRONMENTAL ASSESSMENT**

Submitted pursuant to the National Environmental Policy Act (NEPA)  
42 U.S. C. 4332 (2) (c)

and

Chapter 343, Hawaii Revised Statutes (HRS)

By the

U.S. Department of Transportation  
Federal Highway Administration

and the

State of Hawaii, Department of Transportation  
Highways Division

Proposed Haleakala Highway Widening,  
Pukalani Bypass to Hana Highway  
Wailuku and Makawao Districts  
Maui County, Hawaii

Final Environmental Assessment

Submitted pursuant to the National Environmental Policy  
Act (NEPA) 42 U.S.C. 4332 (2) (c)

and

Chapter 343, Hawaii Revised Statutes (HRS)

U.S. Department of Transportation  
Federal Highway Administration

and

State of Hawaii Department of  
Transportation, Highways Division

8/25/99

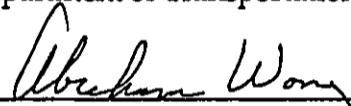
Date of Approval



Kazu Hayashida, Director  
Department of Transportation

9/14/99

Date of Approval



Abraham Wong, Division Administrator  
Federal Highway Administration

The following persons may be contacted for additional information concerning this document.

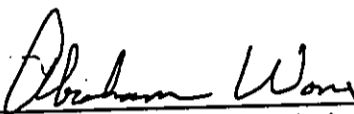
Mr. Abraham Wong  
Division Administrator  
Federal Highway Administration  
U.S. Department of Transportation  
Box 50206  
300 Ala Moana Boulevard  
Telephone: (808) 541-2700

Mr. Kazu Hayashida  
Director  
State of Hawaii Department of  
Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813  
Telephone: (808) 587-2150

FEDERAL HIGHWAY ADMINISTRATION  
FINDING OF NO SIGNIFICANT IMPACT  
For  
HALEAKALA HIGHWAY WIDENING, PUKALANI BYPASS TO HANA HIGHWAY  
DISTRICTS OF WAILUKU AND MAKAWAO  
ISLAND OF MAUI

The FHWA has determined that the proposed Haleakala Highway Widening will have no significant impact on the human environment. The FONSI is based on the attached EA, which has been independently evaluated by FHWA and determined to adequately and accurately discuss the need, environmental issues, and impacts of the proposed project and appropriate mitigation measures. It provided sufficient evidence and analysis for determining that an EIS is not required. The FHWA takes full responsibility for the accuracy, scope, and content of the attached EA.

9/14/99  
Date

  
Abraham Wong, Division Administrator  
Federal Highway Administration

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C. LEVEL OF SERVICE TRAFFIC STUDY DEPARTMENT  
OF TRANSPORTATION 9-19-98

## EXECUTIVE SUMMARY

Department of Transportation Highways Division, State of Hawaii (SDOT) is proposing to widen the existing three lane highway to a four lane divided highway on Haleakala Highway from the Pukalani ByPass to Hana Highway. Increased traffic volume and added safety are the principal reasons for the planned improvements. The proposed fourth lane will be built to Federal/ State highway construction standards.

The improvements include expansion of five existing agricultural irrigation culvert crossings, shoulder improvements, and replacement of traffic signals at North Firebreak Road for cane haul truck crossing, and installation of new traffic signals at Haliimaile Road intersection. Revisions to the preliminary design are now completed and are included in this Final Environmental Assessment (E.A.) .

Public concerns over the median strip aesthetics have been finalized by the SDOT and the Federal Highway Administration (FHWA). The design revisions have been examined on the basis of traffic safety by the SDOT and FHWA. Additional land acquisition will be necessary; the final amount will be determined during the design phase.

1. Purpose of Project and Need for Action

SDOT has determined in a traffic level of service (LOS) study<sup>1</sup> done in September, 1998, (See Appendix C) that is based on current peak hour traffic counts. Level of service typically ranges from A to F where A represents free flowing traffic and F describes forced or breakdown flow (congested). Haleakala Highway operates at a level of service B for the two lanes that travel towards the Pukalani ByPass, while the single lane that travels towards Hana Highway has a level of service E. After construction of this project, the LOS will be level B in both directions.

Traffic safety has been of continuing concern, with particular attention on the speeding. Enforcement of posted speed limits is difficult with the limited enforcement capability of Maui Police Department due to budget constraints.

2. Summary Information

Project Name: Haleakala Highway Widening, Pukalani Bypass  
to Hana Highway  
Project No. 37B-03-94

Proposing Agency: State of Hawaii  
Department of Transportation  
Highways Division

Accepting Authority: Federal Highway Administration;  
State Department of Transportation

Agencies consulted: Listed in Appendix A,  
"Comments and Coordination" pp. 13-16

Landowner: State of Hawaii for Highway Right-of-Way

Existing Use: Agriculture

State Land Use Designation: Agriculture

County Zoning Designation: Agriculture

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<sup>1</sup> SDOT Level of Service Study 9-19-98



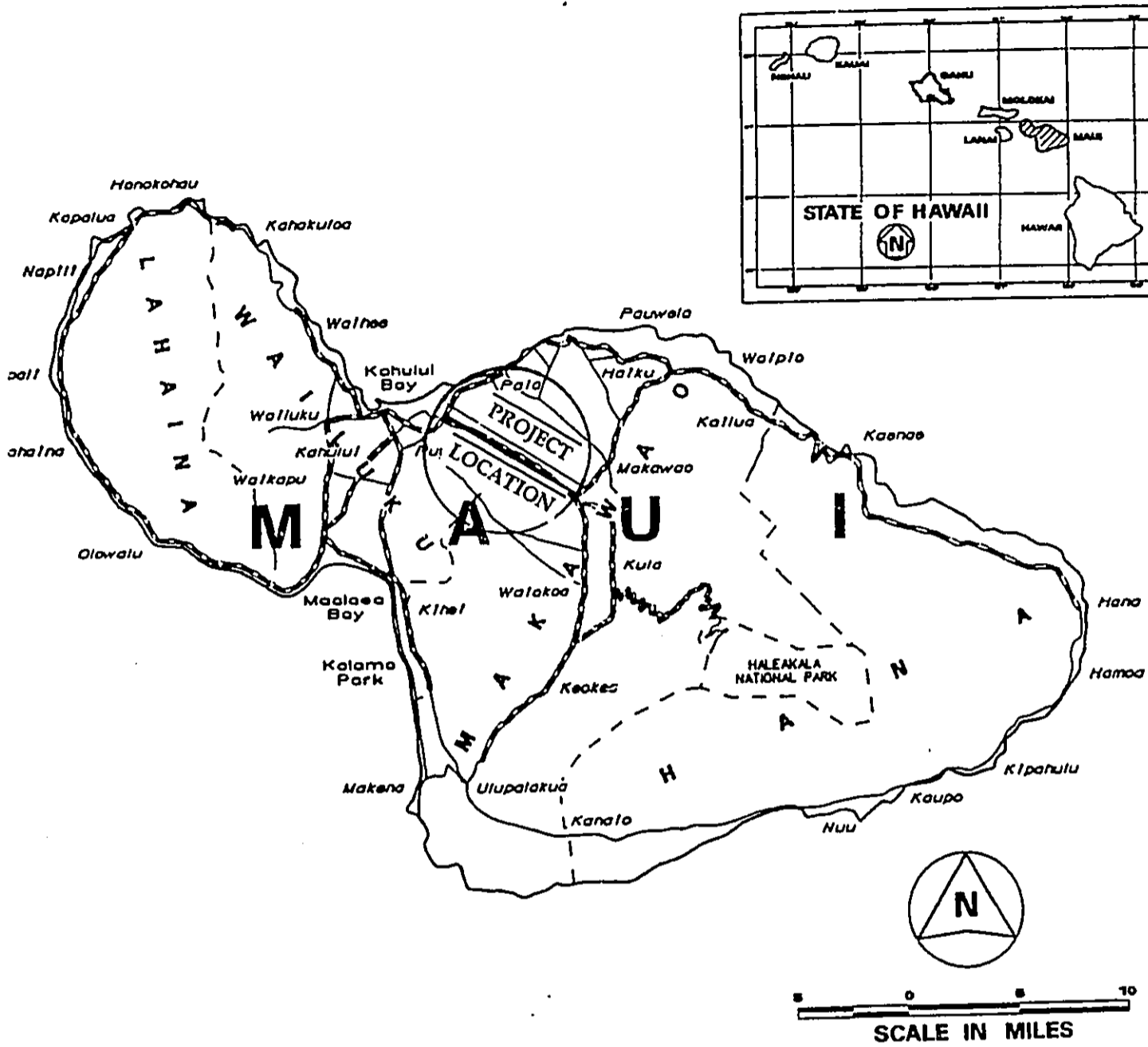


FIGURE 1

PROJECT VICINITY MAP

PROPOSED HALEAKALA HIGHWAY WIDENING  
 PUKALANI BYPASS TO HANA HIGHWAY  
 PROJECT 37B-03-94

Haleakala Hwy. Widening,  
 Pukalani Bypass to Hana Hwy

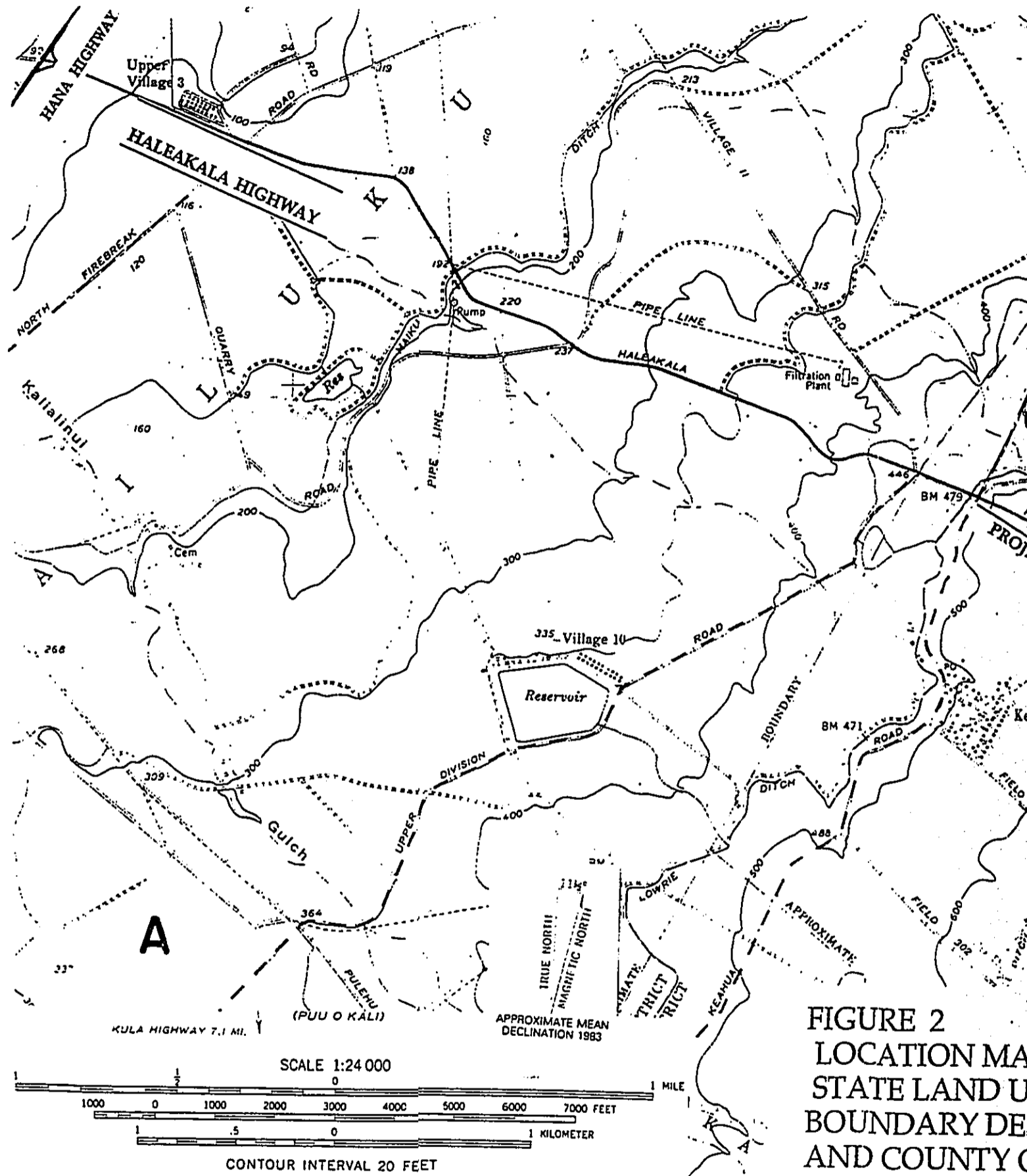
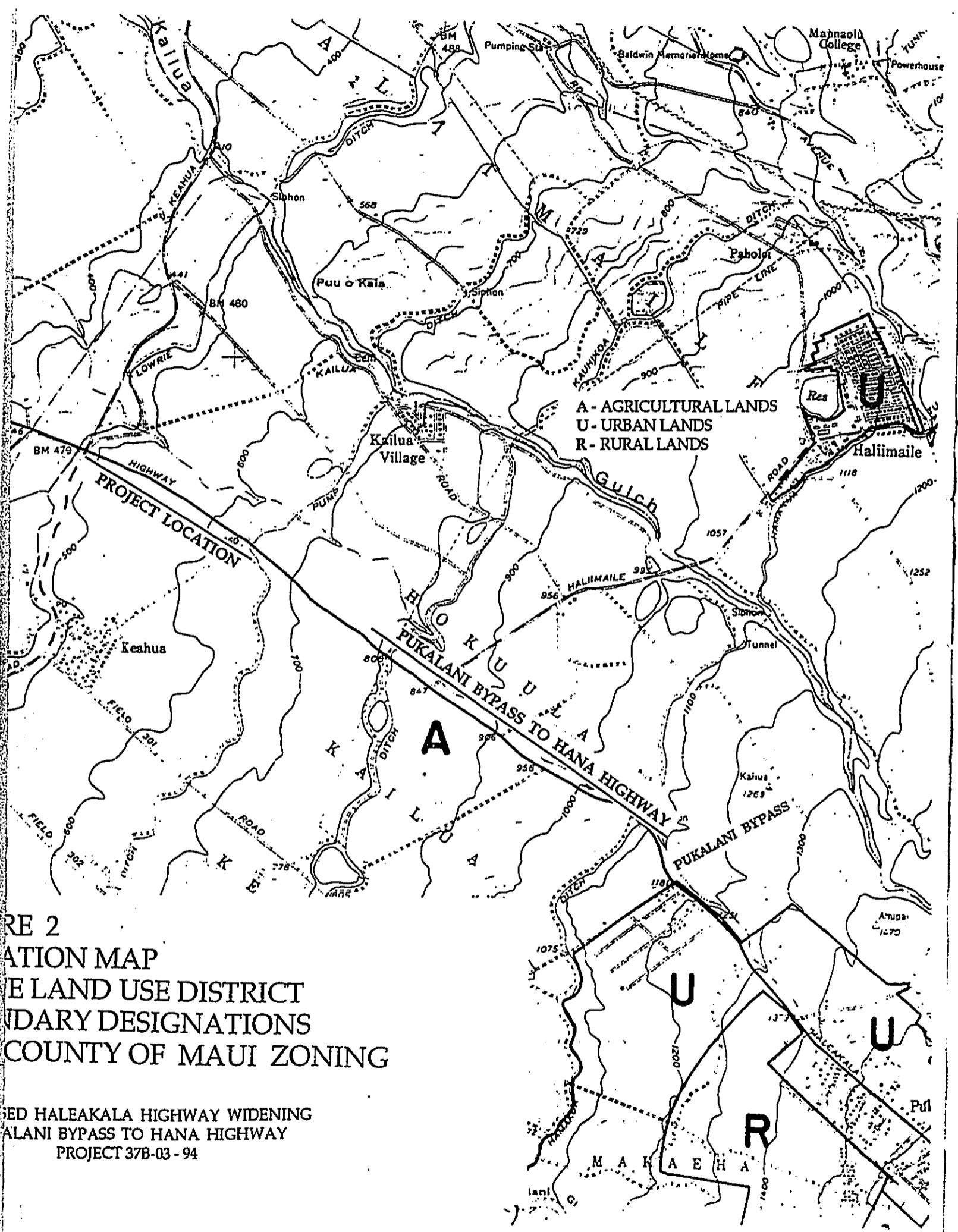


FIGURE 2  
 LOCATION MAP  
 STATE LAND  
 BOUNDARY DE  
 AND COUNTY C

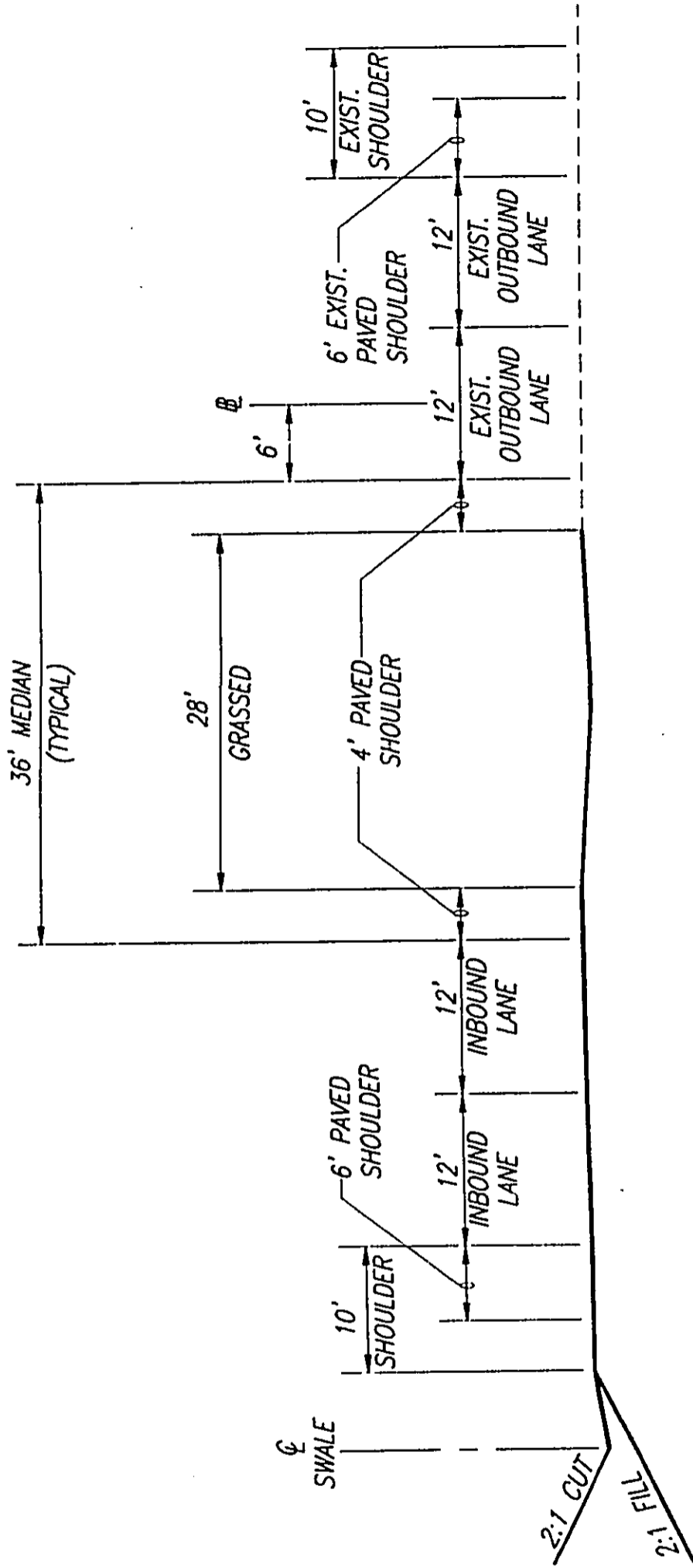
PROPOSED HALEAKALA  
 PUKALANI BYPASS TO  
 PROJECT 37

SCALE 1:24 000  
 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
 1 MILE  
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 CONTOUR INTERVAL 20 FEET  
 DATUM IS MEAN SEA LEVEL  
 DEPTH CURVES IN FEET—DATUM IS MEAN LOWER LOW WATER  
 SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE  
 THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 2 FEET  
 THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



RE 2  
 ATION MAP  
 E LAND USE DISTRICT  
 NDARY DESIGNATIONS  
 COUNTY OF MAUI ZONING

ED HALEAKALA HIGHWAY WIDENING  
 ALANI BYPASS TO HANA HIGHWAY  
 PROJECT 37B-03 - 94



**TYPICAL SECTION ~ 36' MEDIAN**  
NOT TO SCALE

Figure 3

**PROPOSED TYPICAL SECTION  
- 36' MEDIAN CONFIGURATION**

Haleakala Hwy. Widening  
Pukalani Bypass to Hana Hwy.



Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Highway

FIGURE 4  
PROJECT ALIGNMENT - AERIAL VIEW

Tax Map Keys: 2nd Division - 3-8-01 por 1, 6  
3-8-03 por 4,5,7  
2-5-02 por 2  
2-5-03 por 1, 10

3. TECHNICAL, ECONOMIC, SOCIAL AND ENVIRONMENTAL CHARACTERISTICS

A. Technical Characteristics

Haleakala Highway is at the present time, an all weather paved three lane road on the island of Maui. From the junction at Hana Highway, the Haleakala Highway moves a distance of approximately 5.5 miles in a south-east direction to the Pukalani Bypass. The existing paved laneage, and right-of-way shoulder areas are State lands, and comprise approximately 100 acres. The roads are paved to State Highway standards. The single lane that provides transport from the Pukalani Bypass to the Hana Highway intersection is also paved to State Highway standards.

B. Project Description

SDOT is proposing the design and construction of an additional travel lane and divided medial strip on Haleakala Highway, from the Pukalani Bypass to the Hana Highway intersection. (See Figure 4). The additional lane is to improve current traffic conditions which have resulted in overload of capacity. This is due in part to the increased volume of traffic from upcountry Maui to Central Maui. Level of Service typically ranges from A to F where A represents free-flowing traffic and F describes forced or breakdown flow (congested).

Present Level of Service (LOS) is rated at B towards Pukalani ByPass, and LOS E towards the Hana Highway. Traffic safety, median strip aesthetics, and cost effective benefits have been evaluated. In response to the comments received against the use of the concrete Jersey barrier, a re-design process has been initiated to evaluate the wider median strip versus the concrete barrier. The use of a concrete Jersey barrier in the median strip is deleted. A public information meeting has been held and the results have been included in the final design process. Estimated costs for the new median strip to be included in the additional 4th lane widening will result in costs of approximately \$15-17 million dollars due to increased materials and labor costs, plus land acquisition costs.

SDOT presently expends annual costs of \$300,000.00 for contra-flow operations. Constructing the fourth lane and ancillary improvements will eliminate this current expense. Public safety will be improved by the construction and addition of the fourth travel lane, adding a separation median strip, and increasing the shoulder widths. For added safety, new traffic signals will be installed at Haliimaile Road intersection, with replacement signals installed at North Firebreak Road for cane haul truck crossing.

There are also five existing irrigation culvert crossings and improvements to widen these crossings will be included in the lane widening project as part of Haleakala Highway

Existing shoulder areas on the side of the roadway will also be expanded to insure a safety zone for emergency situations. Size of the shoulder area will be in compliance with the applicable AASHTO standards. Taking of minimal non-government lands may be necessary to meet safety requirements for road widening in the lanes as well as the safety - emergency shoulder areas. Specifications for the proposed improvements are:

1. Lane width: 12 feet
2. Adjacent shoulder area: 10 feet
3. Median strip: 36 feet typical See Figure 3 (less than 36 feet and tapered to zero for a distance of about 700 feet to Hana Highway, and tapered to zero for a distance of about 1500 feet to Pukalani Bypass.
4. Irrigation ditch crossings: various widths; Lowrie Ditch is widest at + 36 feet.
5. Merging lane and shoulder expansion: 22 feet (Pukalani Bypass and Hana Highway).
6. Alternatives Considered: Early design analysis provided various scenarios that have been evaluated . These include the initially unacceptable alignment with the concrete barrier in the median strip. Also considered as an interim measure is the contra-flow measure which provides for two lanes down from Pukalani to the Hana Highway junction in the A.M. peak travel time. The third plan is the plan which will require the acquisition of approximately 20 acres for shoulder widening as well as expanded median strip space. (See Figure 3)

C. Social Characteristics:

1. Traffic Safety: Increased traffic accidents involving both life and property have been noted by the Maui County Police Department and the Highways Division, SDOT. With only one travel lane from Pukalani down to Hana Highway, the tendency to exceed posted highway speed limits has caused the growth of traffic safety violations. During the calendar years 1995 to 1997, there have been a total of (3) three fatalities that have occurred on Haleakala Highway, between Hana Highway and the Pukalani Bypass. <sup>2</sup> We have no national comparisons for this figure.

2. Population increases - Maui County, Makawao District: (The following population figures are provided from the 1980 U.S. Bureau of Census of Population, and the 1990 Census of Population and Housing 1990 CPH-1-13 (August, 1991) Table 2.)

Maui :	1980 Total population:	70,991
	1990 " "	100,504
Makawao:	1980: Total Population	19,005
	1990 " "	29,207 + 53.7%

Up country Maui has experienced a noticeable increase in population according to the ten year data. This is due to the increase in the urban residential population of the area on lands previously in Agriculture, i.e. small truck farms and flowers. As displacement of small farming by bedroom residential communities is taking place, the a.m. and p.m.

<sup>2</sup> Traffic Safety Section Memorandum  
7-10-98

traffic increases are being experienced with the increased traffic congestion resulting due to increased traffic to and from employment centers in Central Maui, Lahaina, and the Wailea resort area to Makena. It is felt that improvements to the Haleakala Highway will provide a safer and more reliable traffic arterial for upcountry residents.

**D. Environmental Characteristics:**

1. The proposed additional travel lane on the existing Haleakala Highway will be on the north side of the roadway, coming down from the Pukalani ByPass to the Hana Highway intersection. The approximate distance from the Pukalani Bypass to the Hana Highway intersection is approximately 5.5 miles. The highway is a gently sloping road, beginning at the Pukalani Bypass at an elevation of 1180 feet, and ending at the Hana Highway intersection at an elevation of, 90 feet, an average slope of less than 5%.

The State owned roadway and existing Right-of-Way comprise over 100 acres spread over the 5.5 mile stretch of highway. It is a corridor ranging from 60 - 190 feet in width including the three travel lanes and emergency shoulder areas. A majority of the roadbed width is 150 feet. The adjacent land uses are agriculture with sugar as the principal crop. Alignment revisions due to a wider median strip, additional emergency shoulder space, and the deletion of the concrete Jersey barrier will result in additional economic loading for land acquisition, re-design work for the additional project, and project maintenance.

2. Soil types are primarily silty clay loam with slopes ranging from 0-3% to 7-15%.

Principal soils are: *Molokai Silty Clay Loam MuA;*

*Ewa Silty Clay Loam EaA;*

*Pulehu Silty Clay Loam PpA;*

*Keahua Silty Clay Loam KnB;*

*Haliimaile Silty Clay Loam HgB;*

*and Haliimaile Silty Clay HhB.*

3. There are no endangered plant or animal species within the State owned land corridor known as Highway No. 37. Further, there is no habitat for endangered avifauna or mammals on Highway No. 37 or the immediate adjacent environs. In the event that additional taking of non-government lands for the proposed additional travel lane, there is again, no existing habitat for threatened or endangered species. (U.S. Department of the Interior Fish & Wildlife Service 7-18-96)

4. The possible discovery of Historical/Archaeological Sites have been determined to be highly unlikely by the State Historic Preservation office. In correspondence dated February 9, 1996, the SHPO issued a determination of "No effect" on historic sites within the construction area to the proposed project. See Appendix B.

**E. Impacts:**

The impacts that may be anticipated are primarily construction related impacts, i.e. Noise, Air Quality, and potential surface runoff from trenching and excavation.

1. Noise: The proposed travel lane addition is an existing right-of-way on Haleakala Highway. Additional land will be required for shoulder areas, and also the wider center median strip. On both sides of Haleakala Highway, there is no urban residential or commercial land uses for the 5.5 miles of planned improvements. (See Aerial View, Figure 4.) Specific noise abatement measures beyond vehicular controls will not be



necessary. This Project has been evaluated per SDOT's Noise Analysis and Abatement Policy. The analysis has determined that the Project is in Activity Category "D" for undeveloped lands. Therefore, no noise analysis is required.

2. Air Quality: The extremely limited zone of construction for the additional travel lane within the established right-of-way, will enable the general contractor to more effectively control fugitive dust generated from the construction site. This aspect of construction design added to the non-existence of urban -residential land uses for the approximately 5.5 miles of planned improvements enables the general contractor to more effectively deal with the fugitive dust impacts. Standard abatement measures of watering the surface layer of the planned travel lane alignment during clearing, grubbing, and grading to final grade, will limit the fugitive dust impact and enable the project to proceed in a timely manner.

3. Surface Runoff: There are five existing irrigation ditch crossings on Haleakala Highway that could impact the storage located below the Highway with surface runoff. The reservoir is not a potable water storage reservoir, but is used for storage of irrigation water. In times of extreme rain, ditch water is limited to the reservoir, or the remote adjacent gulches which can contain the ditch overflows. The likelihood of irrigation water reaching the coastal zone are remote. The use of Best Management Practices (BMP) and implementation of the State Department of Health's non-point source Management Plan's soil erosion control measures will mitigate the potential water quality impacts.

4. Traffic Impact: Temporary traffic congestion from the proposed construction of the additional travel lane will result due to the construction of the planned single travel lane improvement. Traffic may be limited to the two existing travel lanes presently going up to Pukalani from the Hana Highway. The two lanes will be divided into two traffic construction lanes, one lane up, and the second lane down from Pukalani to Hana Highway. Construction will be allowed only during the off peak hours of 8:30 a.m. to 3:30 p.m. The current posted speed limits are 55 miles per hour from the Haliimaile junction to Makawao. The posted speed limit from the Haliimaile junction down to the Hana Highway is 45 miles per hour.

#### F. Comments and Coordination (with Maui County and adjacent landowners)

Early coordination with the Maui County Planning Department, Department of Public Works: Engineering Division, Land Use & Codes Division, Alexander & Baldwin, Engineering & Construction, and H C & S Engineering was done to determine potential adverse impacts from the proposed travel lane improvements. No significant adverse impacts were anticipated from the proposed project improvements.

#### G. Relationship to Governmental Plans and Policies

A. Maui Long Range Land Transportation Plan (Final Report Maui Long Range Land Transportation Plan February, 1997 pp.7-10)  
The County of Maui Long Range Land Transportation Plan consists of three key elements: Highway element; Transit Element and Bikeway Element. Provisions for the proposed project would be relative to the Highway Element with possible inclusion of the Transit Element.

**B. Maui County General Plan**

Does not address specifically, the implied nature of Highway/Road widenings. Transportation facilities and improvements are vital links in the total infrastructure for the safe and efficient movement of people and materials.

**H. Applicable Governmental Permits**

The following governmental permits will need to be reviewed for possible compliance prior to actual start of construction.

1. Department of Army Corps of Engineers Section 404 Clean Water Permit - N/A (See DOA Letter dated 6-13-96.
2. State Department of Health Section 401 Clean Water Act (None required without Corps of Engineers Section 404 permit).
3. State Department of Land and Natural Resources Stream Channel Alteration Permit (SCAP) pending construction plans for Lowrie Irrigation Ditch.
4. Office of State Planning Coastal Zone Management(CZM) Permit - Required for preliminary review. Chapter 205A-1 identifies "Coastal Zone Management Area" as all lands of the State and the area extending seaward from the shoreline to the limit of the State's police power and management authority, including the United States territorial sea. 205A-1 Definitions.
5. State Department of Health National Pollutant Elimination Discharge System (NPDES) General Permit Coverage.
6. Maui County Grading Permit
7. Maui County Building Permit

5. FINDING OF NO SIGNIFICANT IMPACT

Per the Hawaii Revised Statutes (HRS) Chapter 343, the State Department of Transportation Highway Division is issuing a Finding of No Significant Impact (FONSI) for the proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway (State Project No. 37B-03-94). This FONSI is based on an assessment by the accepting authorities of project impacts based on criteria described in Section 2 relative to the Significance Criteria specified in Hawaii Administrative Rules (HAR) Sections 11-200-12(b.) The criteria is provided in brief with the assessment in italics.

*Involves an irrevocable commitment to loss or destruction of any natural or cultural resource* - -The proposed roadway widening will not involve the loss or destruction of any natural or cultural resource. Previously determined village sites have disappeared, due to active sugar cultivation.

*Curtails the beneficial use of the environment* - The proposed project will not curtail the beneficial use of the environment. The "Environment" being used is existing Right-of-Way previously acquired and additional acreage to accommodate the wider median strip. The proposed project will service motorists, bicyclists, and pedestrians, representing a beneficial use of the roadway right-of-way.

*Conflicts with the State's long term environmental policies or goals and guidelines expressed in Chapter 344, HRS.* - The proposed project is consistent with the environmental goals and objectives of the State. The proposed project will improve the overall ambient air quality for the region by improving the traffic flow during AM and PM periods of congestion.

*Substantially affects the economic or social welfare of the communities or State* - The proposed project will require additional right-of-way to provide the expanded median strip and additional fourth lane. There will be no displacement of residential or businesses as the current alignment is in active sugar cultivation. Upon project completion, Maui residents will benefit from improved transportation service.

*Substantially affects public health* - The proposed project will not detrimentally affect public health. It will improve the safety of motorists, bicyclists and pedestrians traveling along Haleakala Highway.

*Involves substantial secondary impacts* - The proposed project will not cause secondary impacts in light of the existing land uses and zoning designations abutting the highway.

*Involves substantial degradation of environmental quality* - The proposed project is entirely within the Agricultural land use District, and will not impact ambient air, noise, or water quality. Isolated instances of temporary impacts may occur during the construction phase.

*It is individually limited but cumulatively has considerable effect upon the environment or involves a commitment for larger actions.* - The proposed project will not cause substantial urban development or induce development out of character with the existing community in the area. The proposed project will not create a commitment to undertake larger actions.

*Substantially affects a rare, threatened, or endangered species or its habitat* - There are no rare, threatened, or endangered plant or animal species in the area directly affected by the proposed project.

*Detrimentially affects air or water quality or ambient noise levels* - Temporary construction activities can result in temporary impacts to the State Ambient Air Quality Standard, but with practical application of Best Management Practices, this pollution source can be mitigated. There is no residential or commercial uses on the current project alignment, and the proposed project will not result in an adverse change to the current condition.

*Affects or is likely to suffer damage by being located in an environmentally sensitive area* - The proposed project is located in an open agricultural locale and the roadway right-of-way is not environmentally sensitive. The proposed project is not conducive to flooding, earthquakes, and volcanic eruptions. Once completed, the new roadway lane will enhance evacuation and emergency response.

*Substantially affects scenic vistas and viewplanes identified in county or state plans or studies.* - The proposed project will retain the current and existing view corridor.

*Requires substantial energy consumption* - in comparison to the "No-Build" alternative, the proposed project will reduce energy consumption because of improved traffic flow. Traffic congestion is a major source of energy waste.

**APPENDIX A**  
**COMMENTS AND COORDINATION**

**Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Highway**

The following Federal, State, and Maui County agencies were consulted during the preparation of this Environmental Assessment and the responses are noted.

\* dates indicate comment receipt ( boldface)

Federal

U.S. Department of Agriculture  
Soil Conservation Service  
P. O. Box 50004  
Honolulu, HI 96850 6-26-96 \*

U.S. Department of the Interior  
Fish & Wildlife Services  
P. O. Box 50156  
Honolulu, HI 96850 7-22-96

U.S. Army Corps of Engineers  
Pacific Ocean Division Bldg. T-1  
Fort Shafter, HI 96858 6-17-96

U.S. Dept. of Transportation  
Federal Aviation Administration  
P.O. Box 50109  
300 Ala Moana Boulevard  
Honolulu, HI 96825

U.S. Department of the Interior  
Fish and Wildlife Service  
P.O. Box 50088 Honolulu, Hawaii 96850  
7-18-96

State

Dept. of Accounting & General Services  
1151 Punchbowl Street  
Honolulu, Hawaii 96813 7-8-96

State Historic Preservation Division  
Dept. of Land and Natural Resources  
33 South King Street 6th Floor  
Honolulu, Hawaii 96813 7-12-96

Department of Agriculture  
1428 South King Street  
Honolulu, Hawaii 96814

Department of Health  
1251 Punchbowl Street  
Honolulu, Hawaii 96813

Dept. of Business, Econ. Develop. & Tourism  
220 South King Street 11th Floor  
Honolulu, HI 96813-4541

Department of Health  
Environmental Management Division  
919 Ala Moana Boulevard  
Honolulu, HI 96813

Department of Defense  
3949 Diamond Head Road  
Honolulu, HI 96816 6-28-96

Office of State Planning  
State Capitol Bldg. 4th Floor  
Honolulu, HI 96813

Department of Education  
1390 Miller Street  
Honolulu, Hawaii 96813 7-5-96

Dept. of Hawaiian Home Lands  
335 Merchant Street,  
Honolulu, Hawaii 96813

Office of Hawaiian Affairs  
711 Kapiolani Boulevard Suite 500  
Dept. of Land and Natural Resources  
P.O. Box 621 Honolulu, Hawaii 96813 6-28-96

University of Hawaii- Manoa  
Water Resources Research Center  
2540 Dole St. Holmes Hall 283  
Honolulu, HI 96822

Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Highway

Rep. David Morihara  
State Capitol  
Honolulu, HI 96813 8-5-96

University of Hawaii - Manoa  
Environmental Center  
2550 Campus Road Crawford 317  
Honolulu, HI 96822

County of Maui

The Hon. Linda Crockett Lingle, Mayor  
County of Maui  
Wailuku, HI 96793 7-26-96

Ms. Alice L. Lee, Chair  
County Council  
200 S. High St. Wailuku, HI 96793 8-21-96

Planning Dept.  
200 South High Street  
Wailuku, Hawaii 96793 7-1-96

Dept. of Parks & Recreation  
200 South High Street  
Wailuku, Hawaii 96793 6-24-96

Department of Public Works  
200 South High Street  
Wailuku, Hawaii 96793 7-10-96

Department of Water Supply  
200 South High Street  
Wailuku, Hawaii 96793

Economic Development Agency  
200 South High Street  
Wailuku, Hawaii 96793

Police Department  
55 Mahalani Street  
Wailuku, Hawaii 96793 6-27-96

Community & Public Organizations

Haliimaile Community Association  
37 Paihua Street  
Haliimaile, Hawaii 96787  
Attn.: Mr. Harry Matsuura

Ka La Hui O Hawai'i Mailed twice and  
returned.  
P.O. Box 1904  
Wailuku, Hawaii 96793  
Attn.: Sarah Nakihei \*Mailed 6-24-96

Keokea - Waiohuli Hawaiian Homestead  
P.O. Box 1243  
Makawao, Hawaii 96768  
Attn: Gladys Kanoa

Kula 200 Association  
333 Dairy Road Suite 201E  
Kahului, Hawaii 96732

Kula Community Association  
P.O. Box 417  
Kula, Hawaii 96790  
Attn: Alan Kaufman 6-17-96

Ms. Barbara Long  
304 Paani Place  
Paia, HI 96779 8-7-96

Makawao Community Association  
773 Kawanakoa Street  
Attn: Clarence Kamai, Jr  
Makawao, HI 96768

Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Highway

Makawao Main Street Association  
P.O. Box 1869  
Makawao, Hawaii 96768  
Attn: Madelyn D'Enbeau 7-9-96

Maui Hotel Association  
1325 Lower Main Street Suite 103  
Attn: Terry Vencil

Olinda Community Association  
526 H Olinda Road  
Makawao, HI 96768  
Attn: Ruth Ann Bates

Mr. Randy Moore  
H C & S Sugar Company  
P.O. Box 266  
Puunene, Hawaii 96784 \*mailed 6-26-96

Jocelyn Romero Demirbag  
131 Pukalani Street  
Pukalani, HI 96768 7-15-96

Peter W. Meagher  
119 Ka Drive  
Kula, HI 96790 7-21-96

Ms. Sally Simonds  
689B Omaopio Road  
Kula, HI 96790 7-19-96

The Hon. Sol Kaho'ohalahala  
County Council  
County of Maui  
200 High Street  
Wailuku, HI 96793 7-23-96

Mr. G. Stephen Holaday  
Hawaiian Commercial and Sugar Company  
P.O. Box 266  
Puunene, HI 96784 6-29-99

Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Highway

Maui Chamber of Commerce  
26 Puunene Avenue  
Kahului, Hawaii 96732  
Attn: Lyn Woods

Makawao Main Street Association  
Attn: Richard J. LaFond, Jr. 7-23-96  
P.O. Box 1497  
Wailuku, Hawaii 96793

Pukalani Community Association  
P.O. Box 277  
Attn: Debbie Nakama  
Pukalani, Hawaii 9676

Ms. Meredith Ching, Vice President  
Alexander & Baldwin, Inc.  
P. O. Box 3440  
Honolulu, HI 96801-3440 delivered 6-27-96

Virginia Gardner  
234A Holomakani Street  
Kula, HI 96790 7-14-96

Ms. Debbie Wyand  
202 Hoalike Street  
Kihei, HI 96753 7-22-96

Ms. Karen Jones  
523C Kimo Drive  
Kula, HI 96790 7-21-96

Mr. Richard F. Cameron  
Hawaiian Commercial & Sugar Company  
P.O. Box 266  
Puunene, HI 96784 7-30-96





STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
859 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813

IN REPLY REFER TO  
HWY-DS  
2.4396

June 29, 1999

Mr. G. Stephen Holaday, Plantation General Manager  
Hawaiian Commercial and Sugar Company  
P.O. Box 266  
Puunene, Hawaii 96784


Dear Mr. Holaday:

Subject: Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
Districts of Wailuku and Makawao, Island of Maui  
Project No. 37B-03-94

We are responding to your letter dated December 21, 1998 on the status of various highway projects on Maui that are of concern to HC&S. We note for your information that on Item 1 of your letter, Haleakala Highway widening to four lanes, your request for two underpasses will not be possible due to financial budget constraints. All existing at-grade crossings will remain.

Thank you for your understanding on this matter. If you have any questions, please call Emilio Barroga, Jr., Technical Design Services, at 692-7546. Please send any additional comments to the attention of Emilio Barroga, Jr. and reference letter number HWY-DS 2.4396 as shown above.

Very truly yours,

  
PERICLES MANTHOS  
Administrator  
Highways Division

c: Environmental Communications, Inc. ✓

BENJAMIN J. CAYTANZ  
REGISTERED



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
888 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-2097

IN REPLY REFER TO  
HWY-DS  
2.4396

June 29, 1999

Mr. G. Stephen Holaday, Plantation General Manager  
Hawaiian Commercial and Sugar Company  
P.O. Box 266  
Puunene, Hawaii 96784


Dear Mr. Holaday:

Subject: Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
Districts of Waialuku and Makawao, Island of Maui  
Project No. 37B-03-94

We are responding to your letter dated December 21, 1998 on the status of various highway projects on Maui that are of concern to HC&S. We note for your information that on Item 1 of your letter, Haleakala Highway widening to four lanes, your request for two underpasses will not be possible due to financial budget constraints. All existing at-grade crossings will remain.

Thank you for your understanding on this matter. If you have any questions, please call Emilio Barroga, Jr., Technical Design Services, at 692-7546. Please send any additional comments to the attention of Emilio Barroga, Jr. and reference letter number HWY-DS 2.4396 as shown above.

Very truly yours,

  
PERICLES MANTHOS  
Administrator  
Highways Division

c: Environmental Communications, Inc. ✓

JAN-05-89 17 06 FROM D.O. HIGHWAYS

ID 808 871 544



G. Stephen Holday  
President General Manager, HC&S  
Sr. Vice President, A&S Hawaii, Inc.

December 21, 1998

RECEIVED  
DOT-HWYS  
MAUI DISTRICT OFFICE  
1998 JAN -5 PM 3:08  
1998

Mr. Bob Siarot  
State of Hawaii, Department of Transportation  
Highways Division  
650 Palapala Drive  
Kahului, Hawaii 96732

RE: Highway Projects

Dear Mr. Siarot:

Thank you for meeting with us recently to review the status of various highway projects. HC&S is concerned about the following projects:

1. Haloakala Highway widening to four lanes: HC&S would like to have two underpasses for our large farm equipment and trucks, one at the North Firebreak Road and the other at the Keahua Road. We also need at-grade crossings for light trucks at the five major ditches that cross the highway.
2. Mokulele Highway widening to four lanes: HC&S requests one underpass for our large farm equipment and trucks near Pulehu Gulch and one at-grade crossing with traffic lights near the Wailuku Sugar Road (as proposed by the DOT).
3. Kuihelani Highway widening to four lanes: HC&S requests one at-grade truck crossing with traffic lights for our large farm equipment and trucks (located at Wailuku Sugar Road, near Waiko Road). We also need at-grade crossings at two other locations for our trucks and farm equipment to have access to the fields and the Waihee Ditch.
4. Kihqi to Upcountry Highway: HC&S opposes the Halimaile Road intersection terminus (U1), as it would isolate 1,000 acres of cane land above the highway and would require underpasses or traffic lights for the main cane hauler crossings. Route U2 would have much less impact on HC&S as it would isolate only 60 acres of cane land. Route U3 would have the least impact since it would not bisect any of our fields. The road crossing requirements would be developed once the final site has been selected.

HAWAIIAN COMMERCIAL & SUGAR COMPANY A DIVISION OF A&S HAWAII, INC  
P.O. BOX 266 POONENE, MAUI, HAWAII 96784 TEL 808-877-0081 FAX 808-871-2140

0005

1998

5. Kahului Airport Access Highway: HC&S needs to review the latest design to determine what impact the improvements will have on our operations.

6. Honopiihane Highway at North Kihei Road: HC&S will review the latest design and respond to the DOT.

In addition to the above requests, HC&S is concerned about the impact of these construction projects on our irrigation ditches, irrigation pipelines and electrical systems. The designs and construction should consider these facilities and minimize any impacts on the operation of irrigation systems at HC&S.

We must emphasize that these highway projects will cause significant adverse impact to HC&S and the traveling public, and will require adequate mitigative measures to ensure minimal disruption to HC&S' operations and the safety of the public. HC&S' ability to move equipment and irrigate crops must be preserved. We trust that these impacts and mitigation measures will be addressed in the highway designs. If you need further clarification of our concerns or recommendations, please feel free to call Randall Moore at HC&S, phone 877-6968 or John Hoxie, phone 877-6961.

We continue to welcome discussion with you and/or with your consultants on these highway projects and appreciate the opportunity to meet on these projects.

Sincerely,

  
Stephen Holaday  
Plantation General Manager

GSH:dsk

cc: M. J. Ching  
R. C. Moore  
J. W. Hoxie

STATE OF HAWAII  
 STATE CAPITOL  
 HONOLULU, HAWAII 96813

August 5, 1996

Mr. Hugh Ono  
 Highways Administrator  
 Department of Transportation  
 869 Punchbowl Street  
 Honolulu, Hawaii 96813

Dear Mr. Ono:

I would like to request the Department of Transportation reconsider any plans to install a concrete barrier as part of the widening of the Haleakala Highway from three to four lanes.

This would not be appropriate for the Upcountry area and would destroy the scenic viewpoint which the area is known for.

Thank you for your reconsideration in this matter and if you would like to discuss it further, please feel free to contact me at 586-6330.

Sincerely,

*David Morihara*

David Morihara  
 State Representative  
 Tenth District

DMM:sk

cc Mr. Bob Siatot

- 10 - DEBORAH TANIGUCHI
- 20 - ERIC L. CHUNG
- 30 - ERIC G. HAWALAWA
- 40 - ROBERTS PERAIN
- 50 - VIGORINI/ROSE
- 60 - DAVID A. PARNAS
- 70 - MICHAEL W. WOOD
- 80 - RICHIE MALEI
- 90 - PAUL S. WATSON
- 100 - DAVID W. BISHARA
- 110 - CHRISTOPHER D. HARRIS
- 120 - BILLY A. SWAIN
- 130 - LEONARD J. PERPER
- 140 - TIGER/AMERICA
- 150 - K. SHAKETAKI
- 160 - NORIYUKI YAMAGUCHI
- 170 - RICHARD W. GARCIA
- 180 - SAELEI
- 190 - KUNIKIDA
- 200 - MARCYLOR OSHIRO
- 210 - PAUL T. OSHIRO
- 220 - ANSELMO AMARAL
- 230 - MICHAEL P. KARRINA
- 240 - MERVYN S. RONS
- 250 - ALFONSO B. SANTOYO
- 260 - COLLEEN M. YEE
- 270 - TERRANCE W. H. TANI
- 280 - KEN KIM
- 290 - CYRUS HIRIYANU
- 300 - HONORABLE T. NAKA
- 310 - EVELYN ANDERSON

13 Moore Loop  
 11 Moore Loop Leahi

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 869 PUNCHBOWL STREET  
 HONOLULU, HAWAII 96813-5097  
 August 20, 1996

The Honorable David Morihara  
 State Representative, 10th District  
 State Capitol, Room 435  
 Honolulu, Hawaii 96813

Dear Representative Morihara:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
 Project No. 37B-03-94

We received your comments dated August 5, 1996, on the subject Draft Environmental Assessment (DEA) and offer the following:

You will be pleased to know that the concerns expressed to date, opposing the concrete barrier, resulted in the Highways Division taking another look at an alternative solution to traffic safety.

In view of the concerns on aesthetics and visual impacts, we are considering use of a wider landscaped median strip in lieu of the proposed concrete barrier. Findings will be coordinated with the various community associations, in the event prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Kazu Hayashida*

KAZU HAYASHIDA  
 Director of Transportation

RECEIVED  
 '96 AUG -6 P2 29  
 DESIGN BRANCH  
 HIGHWAYS DIVISION  
 DEPT. OF TRANSPORTATION

LINDA CROCKETT LINGLE  
Mayor  
TELEPHONE 243-7855



OFFICE OF THE MAYOR  
COUNTY OF MAUI  
WAILUKU, MAUI, HAWAII 96793

July 26, 1996

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

Dear Mr. Hayashida:

*Kazu*

I am writing in response to the Environmental Assessment for the proposed improvement of Haleakala Highway to a four-lane highway (Project no. 37B-03-94) in order to inform you that I can not support the project as it is currently designed. I believe that the majority of our community feels the same way.

I agree that Haleakala Highway requires an additional lane to improve safety and to accommodate the increasing traffic loads.

I am not, however, in agreement on the proposed inclusion of concrete Jersey barriers in the highway's medial strip. As you know, Haleakala Highway serves Maui's rural Upcountry community. Addition of urban-scale concrete barriers on the main highway in that area will undoubtedly detract from Upcountry's scenic beauty. And Maui's beauty is a precious commodity that our community stubbornly protects.

I believe that a grassed, 30-foot wide medial strip would provide the same level of safety, under federal guidelines, without damaging the beauty of this unique place. Frankly, Kazu, this is an economic issue as well as an aesthetic one. The Jersey barrier plan, as proposed, would damage our visitor industry by degrading the environment that attracts people from around the world to visit Maui.

RECEIVED

86 AUG -2 AM '96

DESIGN & CONSTRUCTION  
HIGHWAY DIVISION  
DEPT. OF TRANSPORTATION

Kazu Hayashida, Director  
State Department of Transportation  
July 26, 1996  
Page two

I have always appreciated your sensitivity to the desires of our community, and for the community's sake I am asking you to take another approach to the need for a barrier. If you feel the need for more input on this issue, perhaps you could hold a public design information meeting, so that the affected communities will have an opportunity to tell you what they think about the proposal. Thank you for your attention to this matter. Please call me if you would like to discuss this further.

Sincerely,

LINDA CROCKETT LINGLE  
Mayor, County of Maui

cc:

Senator Joe Tanaka  
Representative David Monihara  
Council Chair Alice L. Lee  
Councilmember Sol Kaho'ohalahala  
Madelyn D'Enbeau, Makawao Main Street Association  
Debbie Nakama, Pukalani Community Association  
Harry Matsuura, Halimalie Community Association  
Bill Myers, Kula Community Association

BENJAMIN J. CAYETANO  
GOVERNOR



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

KAZU HAYASHIDA  
DIRECTOR

DEPUTY DIRECTORS:  
JERRY M. MATSUDA  
GLENN M. OKIMOTO

IN REPLY REFER TO:

August 20, 1996

HWY-DS  
2.1494

The Honorable Linda Crockett Lingle, Mayor  
County of Maui  
Wailuku, Maui, Hawaii 96793

Dear Mayor Lingle:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway  
Widening, Pukalani Bypass to Hana Highway  
Project No. 37B-03-94

We received your comments dated July 26, 1996, on the subject Draft  
Environmental Assessment (DEA) and offer the following:

The nearly unanimous opposition to the use of the concrete barrier, for this project,  
prompted the Highways Division to review alternative solutions to traffic safety.

In view of the concerns on aesthetics and visual impacts, we are considering the  
use of a wider landscaped median strip in lieu of the proposed concrete barrier. Our  
findings will be coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Kazu Hayashida".

KAZU HAYASHIDA  
Director of Transportation

4 CROCKETT LINGLE  
Mayor



COUNTY OF MAUI  
PLANNING DEPARTMENT  
860 S. HIGHWAY 30  
HONOLULU, HAWAII 96813

July 1, 1996

Mr. Herbert Tao  
Department of Transportation  
869 Puuohowli Street  
Honolulu, Hawaii 96813

Dear Mr. Tao:

RE: Preliminary Draft Environmental Assessment for the Proposed Haleakala Highway Widening

The Maui Planning Department has reviewed the Preliminary Draft Environmental Assessment for the subject project, and offers the following comments:

1. The drawings are too preliminary to determine if any potentially significant environmental impacts are existing;
2. The proposed project will not require a Special Management Area (SMA) permit, provided the proposed improvements remain within the existing rights-of-way; and
3. Consideration should be given to construction occurring during periods of normally low visitor counts.

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

Very truly yours,

*David W. Blane*

DAVID W. BLANE  
Planning Director

DWB:DAS:osy  
cc: Colleen Suyama, Planning Program Manager, Land Use Management  
Don Schneider, Staff Planner  
Project File  
8/1/96

DAVID W. BLANE  
Director

OVEN CHALSH HEBUDA  
Deputy Director

BENJAMIN J. CAVALIARO  
County Engineer



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

August 7, 1996

HWT:  
2..

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

Dear Mr. Blane:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway, Project No. 37B-03-94

We received your comments dated July 1, 1996, on the subject Draft Environmental Assessment (DEA) and offer the following:

1. Plans, for this project, will be forwarded to your office upon resolving the DEA comments.
2. As referenced in your letter, "the proposed project will require a Special Management Area (SMA) permit, provided proposed improvements remain within the existing right-of-way." Should we decide to expand the highway right-of-way to accommodate a wider median in lieu of the proposed concrete barrier, the SMA permit requirements for the additional right-of-way will be coordinated with your office.
3. As suggested, construction of this project will be considered during periods of normally low visitor counts.

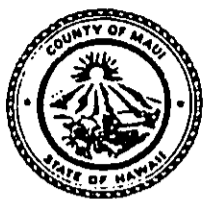
Thank you for sharing your concerns.

Very truly yours,

*Kazu Hayashida*

KAZU HAYASHIDA  
Director of Transportation





DEPARTMENT OF  
**PARKS AND RECREATION**  
COUNTY OF MAUI

1580-C Kaahumanu Avenue, Wailuku, Hawaii 96793

LINDA CROCKETT LINGLE

Mayor  
HENRY OLIVA  
Director  
ALLEN SHISHIDO  
Deputy Director

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

June 19, 1996

Mr. Fred Rodriguez  
P.O. Box 536  
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR PROPOSED HALEAKALA  
HIGHWAY WIDENING, PUKALANI BYPASS TO HANA HIGHWAY

We have reviewed the *Environmental Assessment for the subject project* and are in support of it. Thank you for the opportunity to review this matter.

If you require additional information, please contact Patrick Matsui, Chief of Parks Planning and Development at 243-7387.

Sincerely,

HENRY OLIVA  
Director

PTM:nr

c: Patrick Matsui  
Willard Asato

**NO RESPONSE REQUIRED**

LINDA CROCKETT LIMBLE  
Mayor

CHARLES JENCKS  
Director

DAVID C. GOODE  
Deputy Director

AARON SHIMOTO, P.E.  
Chief Staff Engineer



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

RALPH HAGAMME, 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 HANSHARD, P.E.  
Highways Division

Solid Waste Division

Mr. Fred Rodriguez  
July 8, 1996  
Page 2

contact our Central Maui Landfill Supervisor at 877-5319 regarding suitability of this material as landfill cover.

July 8, 1996

Mr. Fred Rodriguez  
Environmental Communications  
P.O. Box 536  
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

SUBJECT: Draft Environmental Assessment  
STATE DOT-HALEAKALA HIGHWAY WIDENING  
TMK:(2) 3-8-001:Por 1, 6;3-8-003:Por 4, 5, 7;2-5-002:Por 2;  
2-5-003:Por 1, 10

We reviewed the subject application and have the following comments.

1. The environmental assessment should assess traffic impacts at all road intersections (Hali'imale Road, Old Haleakala Highway, etc.), and address the need for additional intersection improvements, such as longer acceleration/deceleration lanes, installation of traffic signal systems, and additional traffic control devices.
2. A drainage assessment shall be included in this report to address existing and new conditions after completion of this project. Erosion control plans should also be included as part of the construction plan documents.
3. A Solid Waste Management Plan should be developed for the disposal of cleared and grubbed material from the project site during construction. Please

Sincerely  
  
CHARLES JENCKS  
Director of Public Works  
and Waste Management

AS:da/rmt  
cc: Engineering Division  
Land Use and Codes Administration  
Solid Waste Division  
Wastewater Reclamation Division

g:\mz\cm\hahakal 00

BENJAMIN J. CAYETANO  
GOVERNOR



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

KAZU HAYASHIDA  
DIRECTOR

DEPUTY DIRECTORS  
JERRY M. MATSUDA  
GLENN M. OKIMOTO

IN REPLY REFER TO

July 31, 1996

HWY-DS  
2.1366

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

Dear Mr. Jencks:


Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments dated July 8, 1996, on the subject  
Draft Environmental Assessment (DEA) and offer the following:

1. The DEA will be revised to include a statement that the traffic impacts at all road intersections on Haleakala Highway, between the Pukalani Bypass and Hana Highway, will be evaluated in conjunction with this project.
2. The DEA will be revised to expand on the drainage assessment and the five irrigation crossings. The erosion control plans, as recommended, will be part of the final construction drawings.
3. For the disposal of cleared and grubbed material, from the project site, the Contractor will be responsible to make the necessary arrangements for the disposal of the material. As requested, the Contractor will be directed to coordinate the suitability of the material, as landfill cover, with your Central Maui Landfill Office.

Thank you for your timely comments.

Very truly yours,

  
KAZU HAYASHIDA  
Director of Transportation



# POLICE DEPARTMENT

COUNTY OF MAUI

LINDA CROCKETT LINGLE  
MAYOR

55 MAHALANI STREET  
WAILUKU, HAWAII 96793  
AREA CODE (808) 244-6400  
FAX NO. (808) 244-6411

OUR REFERENCE  
CATH  
YOUR REFERENCE

June 25, 1996

HOWARD H. TAGOMORI  
CHIEF OF POLICE

THOMAS M. PHILLIPS  
DEPUTY CHIEF OF POLICE

Page 2

We thank you for your cooperation in this matter as well as other projects of n concern. If you or your staff have any questions concerning this matter, please c Charles Hirata of our Traffic Division at 244-6346.

Very truly yours,

  
HOWARD H. TAGOMORI  
Chief of Police

Mr. Herbert Tao  
State of Hawaii  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813-5097

Dear Mr. Tao:

RE: Proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
Project No. 37B-03-94

Thank you for sending a copy of the environmental assessment of the above-captioned project for review and comments.

This report was forwarded to our Traffic Section for review and comments. Our enforcement section recommends that sufficient speed limit signs be erected, giving ample notice of speed, and as reminders to motorists, to abide by area speed limits. The additional lane is sure to result in high speeds in the makai bound lanes. The additional mauka bound lane has resulted in higher speeds and vehicles have been cited for speeds as high as 80 miles per hour heading mauka.

In order to address the problem of speeding in the makai bound lane, we would like to request that signs be erected stating "SPEED ENFORCED BY LASER". The Maui Police Department will monitor the highway upon completion of highway construction.

We would also ask that wide shoulders be constructed on straight portions of the road to accommodate DUI Checkpoints. Ideally, these areas would be confined to portions of the road with 45 mph speed limits or lower.

HWY-DS  
2.1242

July 19, 1996

Mr. Howard H. Tagomori, Chief  
Police Department  
County of Maui  
55 Mahalani Street  
Wailuku, Hawaii 96793

Dear Chief Tagomori:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

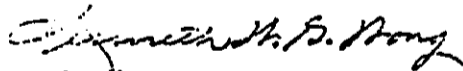
We received your comments dated June 25, 1996, on the subject  
Draft Environmental Assessment (DEA) and offer the following:

For the Maui County Police Department to enforce the speed limit  
on Haleakala Highway, adequate speed signs will be erected giving  
the motorist ample notice to abide with the posted speed. The  
number and placement of the speed limit signs; and the "SPEED  
ENFORCED BY LASER" signs that you requested will be coordinated  
with the Maui County Traffic Section.

The location of the wider shoulders to accommodate DUI  
Checkpoints will also be reviewed with the County Traffic  
Section.

Thank you for your timely comments.

Very truly yours,

  
for Hugh Y. Ono  
Administrator  
Highways Division

HTT:ht

c: HWY-DS ✓

my first to make  
special bond for our  
Nation. More key of  
that way to concrete  
learning place - we  
have always there in  
our lives. More could  
a more rational alter-  
native.  
Mabuko Jocelyn Romero  
Demirbag

Re: *WHEWENTHONG*  
MAUI

DEPARTMENT OF  
TRANSPORTATION  
HONOLULU, HAWAII

IN REPLY REFER TO

HWY-DS  
2-1362



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

July 31, 1996

Ms. Jocelyn Romero Demirbag  
131 Pukalani Street  
Pukalani, Hawaii 96768

Dear Ms. Demirbag:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments on the subject Draft Environmental  
Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
Hugh Y. Ono  
Administrator  
Highways Division



FRED ROFELGUEZ  
ENVIRONMENTAL COMMUNICATIONS  
PO Box 536  
HAWAII HI 96724

ENVIRONMENTAL  
COMMUNICATIONS

F. J. RODRIGUEZ

July 26, 1996

Dr. Dorothy Pyle  
History Department  
Maui Community College  
310 Kaahumanu Avenue  
Kahului, HI 96793

Dear Dr. Pyle:

Subject: Draft Environmental Assessment for Proposed Haleakala  
Highway Widening, Pukalani Bypass to Hana Highway Project  
No. 37B-03-94.

We have received and reviewed your comments dated July 23, 1996 and respond in the following to the germane issues numbered 1-4. You will be pleased to note that as a result of the numerous calls and letters to the State DOT/Hwys the consideration of a Jersey barrier is being reviewed in terms of a different alternative. As stated in the Draft E.A., the decision or recommendation for the use of the Jersey barrier was predicated on traffic safety. Other possible means of achieving traffic safety without a concrete median divider will be examined.

Please accept my apologies for my use of inappropriate language during our telecon; I was unprofessional to say the least, and I do apologize.

Sincerely,



F. J. Rodriguez

cc: Mr. Herbert Tao - DOT Hwys Design

PO Box 345  
Paunohou, HI 96784  
July 23, 1996

Mr. Fred Rodriguez  
Environmental Communications  
Honolulu, Hawaii

Dear Mr. Rodriguez:

The following are my WRITTEN comments concerning the State Department of Transportation proposal to widen Haleakala Highway and add concrete barriers to the center of the highway:

1. The highway should be redone to conform to a standard divided highway with a wide center strip in the middle. There is enough right of way for this to be done (It should have been done this way about 24 years ago when the highway was realigned and repaved. It is not too late to correct all the engineering errors of past years!)
  2. Safety should be a real concern. Putting concrete barriers in the center of the highway is an invitation to disaster. Everywhere that these barriers have been put up (especially along the East Coast) they have been taken down as soon as it is feasible as they are not safe.
  3. Currently the traffic on the highway is not a real problem. The coning of the road has taken care of most of traffic in the morning and afternoon. The coning could continue while a separate two lanes of the highway are constructed so that there would eventually be a well divided four lane road with one extra lane to be used for bicycles or for emergencies.
  4. There needs to be a lot more public input into this project. Please hold at least one WELL ADVERTISED public meeting on Maui—preferably at the new King Kekaulike High School.
- I do not appreciate your patronizing and rather smug attitude on the telephone. Your comments to me and your general attempt to sidestep the issue by referring to me as "my dear" show me that you are unwilling to take public comments seriously (particularly those of women).

Sincerely,



Dorothy Pyle  
History Professor  
Maui Community College

cc: Mr. Herbert Tao, Hawaii State Department of Transportation



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

July 15, 1996

Fred Rodriguez  
Environmental Communications  
P.O. Box 536  
Honolulu, HI 96809

HWY-DS  
2.1368

July 31, 1996

Ms. Debbie Wyand  
202 Hoalike St.  
Kihei, Hawaii 96753

Dear Ms. Wyand:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 378-03-94

We received your comments dated July 15, 1996, on the subject  
Draft Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
for  
Administrator  
Highways Division

Dear Mr. Rodriguez and Mr. Tao:

The proposed environmental assessment for the widening of Haleakala :  
should not include a concrete barrier!!!

Maui's scenic resources should be enhanced, not degraded. Concrete  
are dirty and ugly and an invitation to graffiti.

A better alternative would be a wide landscaped median with two dow:  
lanes constructed as a separate roadway. We could end up with a fl:  
plantings which would create a beautiful scenic highway.

Please reconsider and try to preserve Maui's beauty for future gene:

Sincerely,

*Debbie Wyand*  
Debbie Wyand  
202 Hoalike St.  
Kihei, HI 96753



Dear Mr. Rodriguez -  
This letter printed in  
the Maui News has such

good idea.

Please read

this and check

into it.

Don't ruin

Maui with

concrete

Please!

With Aloha -

Sally Simonds

689B Omaopio Rd.

Kula, Maui, Hi.

96790

c/o Herbert Tao.



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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION

PERMIT REFERENCE

RHWY-DS  
2.1367

July 31, 1996

Ms. Sally Simonds  
689B Omaopio Road  
Kula, Maui, Hawaii 96790

Dear Ms. Simonds:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments on the subject Draft Environmental  
Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
Hugh Y. Ono  
Administrator  
Highways Division

**Keep highway beautiful**

I would like to alert the community that we may be facing another "Five Trees" type problem.

The proposed environmental assessment for the widening of Haleakala Highway describes a plan to add one more lane to the highway, with the uphill and downhill lanes divided by a concrete Jersey barrier. The fact that this road is an important scenic resource for Maui's residents and tourism is not considered.

Maui's scenic resources should be enhanced, not degraded. Concrete Jersey barriers are ugly and ugly and would be 5-mile-long invasions to graffiti. A better alternative might be a wide landscaped median with two downhill lanes constructed as a separate roadway.

Since the land along side the road is not developed, the cost of acquisition should be reasonable. The present roadway with its culverts would remain intact, sparing residents and visitors road construction delays and saving the cost of rebuilding the culverts and building the concrete Jersey barriers. The end result would be a five-lane divided highway with two downhill lanes and three uphill lanes. Eventual flowering tree planting would create a beautiful scenic highway.

Those who agree that this or some other alternative should be considered may address comments to: Fred Rodiguez, Environmental Communications, P.O. Box 536, Honolulu 96809; or Herbert Tao, State Department of Transportation, 869 Punchbowl St., Honolulu 96813. Madelyn D'Embeau Makawao

VIA FAX (808) 587-2342

July 23, 1996

Mr. Herbert Tao  
State Department of Transportation  
869 Punchbowl St  
Honolulu HI 96813

RE. HALEAKALA HIGHWAY WIDENING PROJECT

Dear Mr. Tao.

I am a Kula resident who commutes on the Haleakala Highway daily. I beg that Maui's scenic resources be preserved by FINDING AN ALTERNATIVE TO THE PROPOSED JERSEY BARRIERS.

I would love to see a wide landscaped median strip separating the uphill and downhill lanes. Please, please help us to find an alternative to the jersey barriers!

Sincerely,

*Karen Jones*

Karen Jones  
523C Kimo Drive  
Kula HI 96790  
(808) 576-2461

*Wawa Quana*

REKUNUI I CALENO  
LAWYER



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

PLEASE REPLY TO

HWY-DS  
2-11365

July 31, 1996

Ms. Karen Jones  
523C Kimo Drive  
Kula, Hawaii 96790

Dear Ms. Jones:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments dated July 23, 1996, on the subject  
Draft Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
for  
Administrator  
Highways Division



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

HAWAIIAN  
STATE  
DEPARTMENT  
OF TRANSPORTATION

IN REPLY REFER TO

HWY-DS  
2-1363

Peter W. Meagher  
119 Ka Drive  
Kula, HI 96790

July 12, 1996

MEMO TO: State Dept. of Transportation  
FROM: Peter W. Meagher  
RE: Haleakala Highway widening and median barriers

Well, your engineering section has struck yet another blow to further destroy the "country aura" of Maui's Upcountry area!

Last year you stuck us with unnecessary, unsightly and downright dangerously installed guardrails on the Kula Highway. Now, for this year, I understand you are going to further blight our area with upright concrete highway dividers on the highway widening from Hana Highway to Haleakala.

Give us a break! Can't you hire anyone who has a sense of aesthetic values? Maui Upcountry is renowned for its rural and agricultural essence and you want to inflict on us urban design schemes that must have as a motivation of economy, efficiency or safety. How about placing beauty on an even footing with the other criteria?

Medial strips that are planted are more expensive to maintain. We understand that! However, people do not come from around the world to look at what can be seen in downtown Tokyo, Los Angeles, or, for that matter, the H-1 in Honolulu.

Take the time and design something for our state that is not just another concrete ribbon that will only detract from some of the most breathtaking scenery on earth.

Aloha,  
  
Peter W. Meagher

July 31, 1996

Mr. Peter W. Meagher  
119 Ka Drive  
Kula, Hawaii 96790

Dear Mr. Meagher:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway, Project No. 37B-03-94

We received your comments dated July 12, 1996, on the subject Draft Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala Highway corridor is shared by many of the residents of Upcountry Maui. In view of the concerns on aesthetics and visual impacts, we are considering the use of a wider landscaped median strip in lieu of the proposed concrete barrier. Our findings will be coordinated with the various community associations, in the area, prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

Hugh Y. Ono  
Administrator  
Highways Division

Richard Joseph Lafond Jr.  
50 Poha Place, Pukalani, Hawaii 96768

July 22, 1996

State Dept. of Transportation  
489 Punchbowl Street  
Honolulu, Hawaii 96813

Re: Proposed Haleakala Highway Widening Environmental Assessment

To Whom It May Concern:

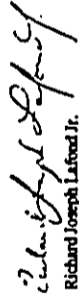
Your proposal for widening of the highway can be likened to pig-bumming with nuclear weapons — overkill both gross and unnecessary. I object entirely to the plan for a concrete Jersey barrier to divide the highway, and I do not support or accept any reasoning, whether economic or safety-oriented, for such a design. As a resident of Pukalani who travels the road daily commuting to/from work, I would rather the highway remain in its present three lane condition than have a 4-lane highway with a Jersey barrier.

I earnestly request that you design and construct a four-lane Haleakala Highway with a wide landscaped median, similar to those found in Europe where public works professionals benefit from wisdom accumulated along centuries of experience. Do you have to make one horrible mistake after another, mimicking the worst simplicity of the urban world, or could you perhaps look about the wide-world and replicate what is working elsewhere?

I have heard that the federal funding for four lane divided highways requires design and implementation of Jersey barriers. It does not matter to me where the funding is coming from, in what amounts, what conditions it comes with, and how it could be lost. I would rather the State let the federal funding go elsewhere than see it wasted in this shameful manner. Jersey barriers dividing the Haleakala Highway, or any Maui highway, would diminish our quality of life, compromise the visitor experience, further alienate our society, rob people of their responsibility to themselves and others, and ruin one of the best vistas in the entire State.

Please create a new plan that appropriately serves the unique qualities of our natural community. And please add me to your list of consulted parties for this project.

Sincerely,

  
Richard Joseph Lafond Jr.

cc: Herbert Tao, Environmental Communications



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

September 12, 1996

Mr. Richard J. Lafond Jr.  
50 Poha Place  
Pukalani, Hawaii 96768

Dear Mr. Lafond:

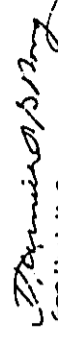
Subject: Draft Environmental Assessment for the proposed Haleakala Highway  
Widening, Pukalani Bypass to Hana Highway, Project No. 37B-03-94

We received your comments on the subject draft Environmental Assessment (EA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala Highway corridor is shared by many of the residents of Maui. In view of the concerns on aesthetics and visual impacts, we are considering the use of a wider median strip in lieu of the proposed concrete barrier. Our findings will be coordinated with the various community associations in the area, prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

  
for Hugh Y. Ono  
Administrator  
Highways Division

DEPARTMENT OF TRANSPORTATION  
859 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-5097

WORK ORDER NO.  
HWY-DS  
2.1856

DEPARTMENT OF THE ARMY  
PACIFIC OCEAN DIVISION, CORPS OF ENGINEERS  
FORT SHAFTER, HAWAII 96858-5440

June 13, 1996

Planning and Operations Division

Mr. Fred Rodriguez  
Environmental Communications  
P.O. Box 536  
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

Thank you for the opportunity to review and comment on the Preliminary Draft Environmental Assessment for the Proposed Haleakala Highway Widening Project, Waialuku, Maui, Hawaii. The following comments are provided pursuant to Corps of Engineers authorities to disseminate flood hazard information under the Flood Control Act of 1960 and to issue Department of the Army (DA) permits under the Clean Water Act; the Rivers and Harbors Act of 1899; and the Marine Protection, Research and Sanctuaries Act:

- a. Based on the information provided, a DA permit will not be required for the project (file no. 960000246).
- b. The flood information provided on page I-13 of the report is correct.

Sincerely,

  
Paul Mizue, P.E.  
Acting Chief, Planning  
and Operations Division



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

June 27, 1996

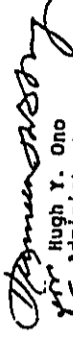
Mr. Paul Mizue, P.E.  
Acting Chief, Planning and Operations Division  
Department of the Army  
Pacific Ocean Division  
Corps of Engineers  
Fort Shafter, Hawaii  
96858-5440

Dear Mr. Mizue:

Subject: Draft Environmental Assessment (DEA) for Haleakala Highway Widening, Pukalani Bypass to Mana Highway Project No. 37B-03-94

Thank you for your comments dated June 13, 1996 confirming that a Department of the Army (DA) permit for this project is not required and that the flood information provided in the EA document is correct.

Very truly yours

  
Hugh Y. Ono  
Administrator  
Highways Division



United States Department of the Interior

FISH AND WILDLIFE SERVICE  
PACIFIC ISLANDS ECOREGION  
300 ALA MOANA BOULEVARD, ROOM 3108  
BOX 50088  
HONOLULU, HAWAII 96850  
PHONE: (808) 541-3441 FAX: (808) 541-3470

In Reply Refer To: JMB

JUL 18 1996

Mr. Herbert Tao  
Department of Transportation  
Highway-DS  
869 Punchbowl Street  
Honolulu, HI 96813

Re: Preliminary Draft Environmental Assessment, Project 37B-03-94, Proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway, Maui, Hawaii.

Dear Mr. Tao:

The U.S. Fish and Wildlife Service (Service) has reviewed the preliminary Draft Environmental Assessment (DEA) for the Proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway. The project sponsor is the State of Hawaii Department of Transportation. The Service offers the following comments for your consideration.

The purpose of the project is to add a fourth lane to the highway to accommodate increased traffic. The additional lane, 5.5 miles long, would be constructed within the existing right-of-way and on adjoining agricultural lands. Five irrigation ditches would be crossed and their culverts modified to accommodate the lane addition. The Service believes that the proposed project is not likely to adversely affect any threatened or endangered species or their habitats. All affected lands have a long history of disturbance and do not support native species of concern to the Service. The Service, therefore, does not require further notification or consultation on the project.

The Service appreciates the opportunity to provide comments on the DEA. If you have questions regarding these comments, please contact Fish and Wildlife Biologist Jeff Burgett at (808) 541-3441.

Sincerely,

Brooks Harper  
Field Supervisor  
Ecological Services

**NO RESPONSE REQUIRED**



United States  
Department of  
Agriculture

Natural  
Resources  
Conservation  
Service

P. O. Box 50004  
Honolulu, HI  
96850-0001

June 24, 1996

Mr. Herbert Tao  
State Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813

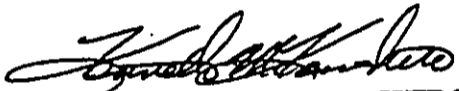
Dear Mr. Tao:

Subject: Proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway,  
Wailuku, Maui, Hawaii

We have reviewed the above-mentioned document and have no comments to offer at this time.

We thank you for the opportunity to review this document.

Sincerely,

  
KENNETH M. KANESHIRO  
State Conservationist

cc:

✓ Mr. Fred Rodriguez, Environmental Communications, P.O. Box 536, Honolulu, HI 96809

**NO RESPONSE REQUIRED**

The Natural Resources Conservation Service  
formerly the Soil Conservation Service, works  
hand-in-hand with the American people to  
conserve natural resources on private lands.

AN EQUAL OPPORTUNITY EMPLOYER

BENJAMIN J. CAYETANO  
GOVERNOR



SAM CALLEJO  
COMPTROLLER

MARY PATRICIA WATERHOUSE  
DEPUTY COMPTROLLER

STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P. O. BOX 118, HONOLULU, HAWAII 96810

LETTER NO (P) 1409.6

JUL 3 1996

Environmental Communications  
P. O. Box 536  
Honolulu, Hawaii 96809

Attention: Mr. Fred Rodriguez

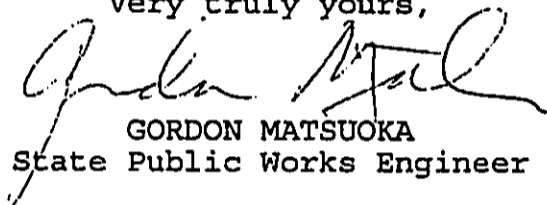
Gentlemen:

Subject: Proposed Haleakala Highway Widening  
Pukalani Bypass to Hana Highway  
Wailuku, Maui, Hawaii  
Draft Environmental Assessment

Thank you for the opportunity to review the subject document. The proposed project will have no impact on our facilities. Therefore, we have no comments to offer.

If there are any questions, please have your staff contact Mr. Ralph Yukumoto of the Planning Branch at 586-0488.

Very truly yours,

  
GORDON MATSUOKA  
State Public Works Engineer

RY:jk  
cc: Mr. Herbert Tao

**NO RESPONSE REQUIRED**

JUL 8 1996



ENJAMIN J. CAYETANO  
GOVERNOR



EDWARD V. RICHARDSON  
MAJOR GENERAL  
ADJUTANT GENERAL

MICHAEL E. RAWLINS  
COLONEL  
DEPUTY ADJUTANT GENERAL

STATE OF HAWAII  
DEPARTMENT OF DEFENSE  
OFFICE OF THE ADJUTANT GENERAL  
3949 DIAMOND HEAD ROAD, HONOLULU, HAWAII 96818-4495

June 25, 1996

Engineering Office

Mr. Herbert Tao  
State of Hawaii  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813

Dear Mr. Tao:

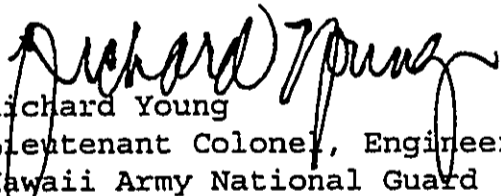
Subject: Proposed Haleakala Highway Widening, Pukalani  
Bypass to Hana Highway

Thank you for the opportunity to review the subject  
project's Preliminary Draft Environmental Assessment.

The project has no negative impact on our department. The  
road widening will enhance travel to Kanaio training area.

If there are any questions, please have your staff contact  
Major Ron Swafford, Environmental Protection Specialist, at  
733-4214.

Sincerely,

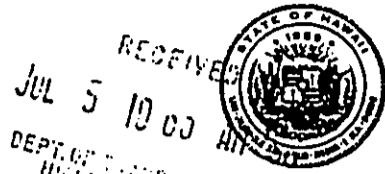
  
Richard Young  
Lieutenant Colonel, Engineer  
Hawaii Army National Guard  
Facility Management Officer

**NO RESPONSE REQUIRED**

NATIONAL GUARD  
Americans At Their Best.

Benjamin J. Cayetano  
GOVERNOR

HERMAN M. AIZAWA, PH.D.  
SUPERINTENDENT



RECEIVED

'96 JUL -5 A11:19

STATE OF HAWAII  
DEPARTMENT OF EDUCATION

P. O. BOX 2360  
HONOLULU, HAWAII 96804

DESIGN BRANCH  
HIGHWAYS DIVISION  
DEPT. OF TRANSPORTATION

OFFICE OF THE SUPERINTENDENT

July 1, 1996

MEMO TO: Honorable Kazu Hayashida, Director  
Department of Transportation

A T T N: Mr. Herbert Tao, Engineer  
Highways Division, DOT

F R O M: *Herman M. Aizawa*  
Herman M. Aizawa, Ph.D., Superintendent  
Department of Education

SUBJECT: Preliminary Draft Environmental Assessment for  
Proposed Haleakala Highway Widening,  
Pukalani ByPass to Hana Highway; Wailuku, Maui

We have reviewed the subject assessment and have determined that the proposed highway widening will have no significant impact on the schools in the area.

Thank you for the opportunity to comment.

HMA:AH:hy

cc: A. Suga, OBS  
R. Murakami, MDO

**NO RESPONSE REQUIRED**

AN AFFIRMATIVE ACTION AND EQUAL OPPORTUNITY EMPLOYER



STATE OF HAWAII  
OFFICE OF HAWAIIAN AFFAIRS  
711 KAPI'OLANI BOULEVARD, SUITE 500  
HONOLULU, HAWAII 96813-5249  
PHONE (808) 594-1888  
FAX (808) 594-1885

June 07, 1996

State Department of Transportation  
Attn: Mr. Herbert Tao  
869 Punchbowl Street  
Honolulu, HI 96813

Dear Mr. Tao:

Thank you for the opportunity to review the Draft Environmental Assessment (DEA) for the Proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway, Island of Maui. The Department of Transportation proposes to design and build an additional lane and divided medial strip with a concrete Jersey barrier on Highway 37 from the Pukalani Bypass to Hana Highway to improve overall traffic and safety.

After a careful review of the DEA and supporting documentation, the Office of Hawaiian Affairs has no objections to the proposed road improvements. Based on the information contained in the DEA, the road improvements apparently bear no significant long-term adverse impacts on adjacent ecosystems nor upon existing urban and rural settlements. Furthermore, no known archaeological remains exist and the proposed improvements will neither significantly affect scenic resources nor air quality or noise level. Please contact me, or Linda K. Delaney, the Land and Natural Resources Division Officer (594-1938), or Luis A. Manrique (594-1755), should you have any questions on this matter.

Sincerely yours,

*Linda M. Colburn*  
Linda M. Colburn  
Administrator

LM:lm

**NO RESPONSE REQUIRED**

BENJAMIN J. CAYETANO  
GOVERNOR OF HAWAII



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  
GILBERT 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

July 23, 1998

Mr. F. J. Rodriguez  
Environmental Communications  
81 South Hotel Street, Suite 211  
PO Box 536  
Honolulu, Hawaii 96809

LOG NO: 21842 ✓  
DOC NO: 9807BD20

Dear Mr. Rodriguez:

**SUBJECT:** *Chapter 6E-8 Historic Preservation Review of the Proposed Haleakala Highway Widening Project*  
*Hoku'ula Ahupua'a, Wailuku and Makawao Districts, Island of Maui*  
*TMK 2-5 / 3-8*

This letter is a Historic Preservation review of the proposed Haleakala Highway widening project located in Hoku'ula Ahupua'a. 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.

Our office reviewed the initial widening project (SHPD DOC NO: 9602KD06) in which we noted the previous location of the historic plantation Upper Village 3 approximately .4 miles east of Hana Highway on the north side of Haleakala Highway. The subject property also appears likely to have been the location of pre-Contact farming and perhaps habitation. More recent mechanized agriculture and highway construction has since altered the landscape, making it unlikely that any significant historic sites remain.

We therefore find the proposed undertaking to have "no effect" on historic sites. In the event that 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 or archaeologist should immediately contact the State Historic Preservation Division office in Wailuku.

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

Aloha

A handwritten signature in black ink, appearing to read "Don Hibbard".

DON HIBBARD, Administrator  
State Historic Preservation Division

BD:jen

cc. Lisa Nuyen, Maui County Planning Department (fax: 243-7634)  
Ralph Nagamine, Maui County Department of Public Works (fax: 243-7972)



STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

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

ADULTERABLE DEVELOPMENT PROGRAM  
AGRICULTURAL RESOURCES  
CONSERVATION AND  
RECREATION  
COMMERCIAL AND  
INDUSTRIAL SITES  
CONSERVATION AND  
RECREATION  
COURTSHIP  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
LAND MANAGEMENT  
LAND MANAGEMENT  
STATE PARKS  
WATER AND LAND DEVELOPMENT

June 27, 1996

MEMORANDUM

LOG NO: 17287  
DOC NO: 9606KD28

TO: Dean Y. Uchida, Administrator  
Land Division  
FROM: *Don Hibbard*  
Don Hibbard, Administrator  
State Historic Preservation Division

SUBJECT: Historic Preservation Review of a Draft Environmental Assessment - Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
Waialuku and Makawao Districts, Maui (Project No. 378-03-94)  
TRK: 3-3-01.03: 2-5-02.03 (File No. EM-96-015)

The Haleakala Highway widening project will add a second traffic lane to the Kahului-bound side of Haleakala Highway between Pukalani and Hana Highway. The draft Environmental Assessment (DEA) or this project states on page 1-12 that "In correspondence dated February 9, 1996, the SHPO issued a determination of 'No effect' on historic sites within the construction area to the proposed project."

This statement should be revised to more fully reflect the comments of our February 9 letter, which is attached to the DEA (Exhibit A). In the prior review of the proposed project, we indicated that the project could potentially impact subsurface deposits associated with Upper Village 3, a permanent village area which was located adjacent to the old corridor of Haleakala Highway. At the time of our review, the Department of Transportation was not certain whether additional lands would need to be acquired along the lower portion of the project area, in the vicinity of Upper Village 3. The DEA states that "Taking of minimal non-government lands may be necessary..." (page 1-5).

If the project is to include the taking of additional lands along the existing corridor in the area of Upper Village 3, and if construction in this area will involve cutting below the plowzone of the cane lands, then there is a possibility that historic features associated with the former village will be impacted. At this time, there has been no subsurface testing of the village area, which is under sugar cane cultivation.

The DEA should consider the possibility that there may be impacts to historic features, should the area of Upper Village 3 be included within the construction corridor.

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

KD/jen

cc: Herbert Tao, Department of Transportation  
Fred Rodriguez, P.O. Box 536, Honolulu, Hawaii 96809



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

July 19, 1996

TO: DON HIBBARD, ADMINISTRATOR  
STATE HISTORIC PRESERVATION DIVISION  
FROM: HUGH Y. ONO, ADMINISTRATOR  
HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR THE HALEAKALA HIGHWAY WIDENING, PUKALANI BYPASS TO HANA HIGHWAY, PROJECT NO. 378-03-94

We received your comments dated June 27, 1996 on the Draft Environmental Assessment (DEA) and offer the following:

The DEA will be revised to more fully reflect the comments of your February 9, 1996 letter by adding the statement "If the project is to include the taking of additional lands along the existing Haleakala Highway corridor, in the area of Upper Village 3, there is a possibility that historic features associated with the former village will be impacted."

Your timely comments are appreciated.

REPORT PREPARED BY  
STATE HISTORIC PRESERVATION DIVISION  
CATHY M. CHANG

REPLY REFER

HWY-DS  
2-1252

# CORRECTION

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

BENJAMIN J. CAYETANO  
GOVERNOR OF HAWAII



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  
GILBERT 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

July 23, 1998

Mr. F. J. Rodriguez  
Environmental Communications  
81 South Hotel Street, Suite 211  
PO Box 536  
Honolulu, Hawaii 96809

LOG NO: 21842 ✓  
DOC NO: 9807BD20

Dear Mr. Rodriguez:

**SUBJECT: Chapter 6E-8 Historic Preservation Review of the Proposed Haleakala Highway Widening Project  
Hoku'ula Ahupua'a, Wailuku and Makawao Districts, Island of Maui  
TMK 2-5 / 3-8**

This letter is a Historic Preservation review of the proposed Haleakala Highway widening project located in Hoku'ula Ahupua'a. 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.

Our office reviewed the initial widening project (SHPD DOC NO: 9602KD06) in which we noted the previous location of the historic plantation Upper Village 3 approximately .4 miles east of Hana Highway on the north side of Haleakala Highway. The subject property also appears likely to have been the location of pre-Contact farming and perhaps habitation. More recent mechanized agriculture and highway construction has since altered the landscape, making it unlikely that any significant historic sites remain.

We therefore find the proposed undertaking to have "no effect" on historic sites. In the event that 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 or archaeologist should immediately contact the State Historic Preservation Division office in Wailuku.

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

Aloha

A handwritten signature in black ink, appearing to read "Don Hibbard".

DON HIBBARD, Administrator  
State Historic Preservation Division

BD:jen

cc Lisa Nuyen, Maui County Planning Department (fax: 243-7634)  
Ralph Nagamine, Maui County Department of Public Works (fax: 243-7972)



STATE OF HAWAII  
 DEPARTMENT OF LAND AND NATURAL RESOURCES  
 STATE HISTORIC PRESERVATION DIVISION  
 33 SOUTH KING STREET, 6TH FLOOR  
 HONOLULU, HAWAII 96813

AQUACULTURE DEVELOPMENT PROGRAM  
 AQUATIC RESOURCES CONSERVATION AND  
 DEVELOPMENTAL AFFAIRS  
 CONSERVATION AND RESOURCE DEVELOPMENT  
 CERTIFICATE  
 FORESTRY AND WILDLIFE RESTORATION  
 DIVISION  
 LAND MANAGEMENT  
 STATE PARKS  
 WATER AND LAND DEVELOPMENT

June 27, 1996

MEMORANDUM

TO: Dean Y. Uchida, Administrator  
 Land Division

FROM: Don Hibbard, Administrator  
 State Historic Preservation Division

SUBJECT: Historic Preservation Review of a Draft Environmental Assessment - Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
 Wailuku and Makawao Districts, Maui (Project No. 37B-03-94)  
 TMK: 3-3-01-03: 2-5-02-03 (File No. PM-96-015)

LOG NO: 17287  
 DOC NO: 9606KD28

The Haleakala Highway widening project will add a second traffic lane to the Kahului-bound side of Haleakala Highway between Pukalani and Hana Highway. The draft Environmental Assessment (DEA) for this project states on page 1-12 that "in correspondence dated February 9, 1996, the SHPO issued a determination of 'No effect' on historic sites within the construction area to the proposed project."

This statement should be revised to more fully reflect the comments of our February 9 letter, which is attached to the DEA (Exhibit A). In the prior review of the proposed project, we indicated that the project could potentially impact subsurface deposits associated with Upper Village 3, a permanent village area which was located adjacent to the old corridor of Haleakala Highway. At the time of our review, the Department of Transportation was not certain whether additional lands would need to be acquired along the lower portion of the project area, in the vicinity of Upper Village 3. The DEA states that "Taking of minimal non-government lands may be necessary..." (page 1-5).

If the project is to include the taking of additional lands along the existing corridor in the area of Upper Village 3, and if construction in this area will involve cutting below the plowzone of the cane lands, then there is a possibility that historic features associated with the former village will be impacted. At this time, there has been no subsurface testing of the village area, which is under sugar cane cultivation.

The DEA should consider the possibility that there may be impacts to historic features, should the area of Upper Village 3 be included within the construction corridor.

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

XD:jen

cc: Herbert Tao, Department of Transportation  
 Fred Rodriguez, P.O. Box 536, Honolulu, Hawaii 96809



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

July 19, 1996

TO: DON HIBBARD, ADMINISTRATOR  
 STATE HISTORIC PRESERVATION DIVISION

FROM: HUGH Y. ONO, ADMINISTRATOR  
 HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR THE HALEAKALA HIGHWAY WIDENING, PUKALANI BYPASS TO HANA HIGHWAY, PROJECT NO. 37B-03-94

We received your comments dated June 27, 1996 on the Draft Environmental Assessment (DEA) and offer the following:

The DEA will be revised to more fully reflect the comments of your February 9, 1996 letter by adding the statement "If the project is to include the taking of additional lands along the existing Haleakala Highway corridor, in the area of Upper Village 3, there is a possibility that historic features associated with the former village will be impacted."

Your timely comments are appreciated.

LEIPIKALU  
 HAWAIIAN  
 KALELEU  
 KALELEU

REPLY REFER

HWY-DS  
 2.1252



BENJAMIN L. CAVEIANO  
DIRECTOR



STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

270 SOUTH KING STREET  
FOURTH FLOOR  
HONOLULU, HAWAII 96813  
TELEPHONE: 535-1111  
FACSIMILE: 535-1116

July 22, 1996

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

Dear Mr. Hayashida:

Subject: Draft Environmental Assessment for the Proposed Haleakala  
Highway Widening, Pukalani Bypass to Hana Highway, Maui.

Thank you for the opportunity to review the subject document. We have  
the following questions and comments.

1. Please provide a figure showing typical road sections for the  
proposed highway improvements.
2. Please indicate whether facilities for bicycle travel will be  
provided. How do these facilities compare with the Bike Plan  
Hawaii, April 1994.
3. Please indicate whether the proposed improvements would  
require changes to existing intersections or traffic control  
devices along the highway corridor. If so, please describe  
the proposed changes.
4. Please describe if highway access would be altered. Will  
there be any new access to the highway? If so, please  
describe the purpose for any new access.
5. Please provide an estimate for the cost of implementing this  
project.
6. Please provide a tentative schedule for implementing this  
project.
7. What are the existing and future (with and without  
improvements) levels of service during peak periods along this  
highway corridor?

GARY GILL  
DIRECTOR

Mr. Hayashida  
July 22, 1996  
Page 2

8. Please describe how the proposed widening may affect future  
land use along the highway corridor.
9. Please describe how the proposed project would affect drainage  
patterns along the highway corridor.
10. Please provide reasons for supporting the determination based  
on an analysis of the significance criteria in section 11-200.  
12 of the Hawaii Environmental Impact Statement Rules. Refer  
to section D of the enclosed sample as a guideline.

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

Sincerely,

Gary Gill  
Director

Enclosure

c: Environmental Communications



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

August 19, 1996

KAHAKA  
2-1503  
KAWAIA  
KAWAIA

KAHAKA  
2-1503  
KAWAIA  
KAWAIA

HWY-DS  
2.1503

GARY GILL, DIRECTOR  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
*Gary Gill*  
KAZU HAYASHIDA, DIRECTOR  
DEPARTMENT OF TRANSPORTATION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED  
HALEAKALA HIGHWAY WIDENING, PUKALANI BYPASS TO HANA  
HIGHWAY, PROJECT NO. 37B-03-94

I received your comments dated July 22, 1996, on the subject Draft  
Environmental Assessment (DEA) and offer the following:

The roadway typical sections will be provided your office, as requested, upon  
resolving the comments received on the Draft Environmental Assessment.

Facilities for bicycle travel will be provided on the shoulders of this widening  
project as proposed in the Bike Plan Hawaii, dated April 1994.

The changes to existing intersections or traffic control devices on Haleakala  
Highway, between Pukalani Bypass and Hana Highway, will be evaluated in  
conjunction with this project.

No new access points are being considered at this time.

The estimated amount of \$15,000,000.00 is necessary to implement this  
project.

It is anticipated that the construction of this project will begin late summer of  
1997 with completion in 24 months.

With the improvements, the level of service (LOS) will improve from F to  
C during peak hour periods.

Mr. Gary Gill  
Page 2

HWY-DS  
2.1503

8. The additional lane added to Haleakala Highway, to reduce congestion, could promote land use changes along the highway corridor in the future. Any changes to land use will require Land Use District Boundary Amendments, County Zoning changes, and other land use policy revisions.
9. The drainage patterns along the Haleakala Highway corridor will remain unchanged with no new drainage crossings.
10. Final determination that will support a Findings of No Significant Impact (FONSI) will be submitted at a later date.

Thank you for your timely comments. Should you have any question, please contact Mr. Herbert Tao of the Highways Division at 587-2124.



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
869 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-5087

REPLY TO:  
JERRY M. WATSON  
GLENN CHARTS

WE REPLY REFER TO

HWY-DS  
2-0941

June 28, 1996

Mr. Alan Kaufman, President  
Kula Community Association  
P.O. Box 417  
Kula, Maui, Hawaii  
96790

Dear Mr. Kaufman:

Subject: Draft Environmental Assessment (DEA) for Haleakala  
Highway Widening, Pukalani Bypass to Hana Highway  
Project No. 37B-03-94

We received your comments dated June 12, 1996 for the subject  
Haleakala Highway Widening project and offer the following:

1. The support of this project by your association is noted and appreciated. As suggested, we are considering the use of a wider landscaped median strip in lieu of the proposed Jersey Barrier. Our findings will be coordinated with your association and the preliminary plans made available for review prior to finalizing the construction drawings.
2. The Department shares your community's interest and concern over the proposed Halimale intersection, especially in light of future plans for development in the area.
3. Endangered species that are growing next to the existing highway in the Pukalani area, that requires transplanting, will be coordinated with your association as well as other governing agencies.

Thank you again for your prompt and thorough review.

Very truly yours,

Hugh Y. Ono  
Administrator  
Highways Division

Kula Community Association  
P.O. Box 417  
Kula, Maui, Hawaii 96790

"The specific purpose of this corporation is to improve the quality of life for the residents of Kula, to promote civic welfare and generally to benefit the community of Kula."

12 June 1996

Mr. Fred Rodriguez  
Environmental Communications  
P.O. Box 536  
Honolulu, HI 96809

Dear Mr. Rodriguez:

At its June 6 meeting the Kula Community Association Board of Directors discussed the Preliminary Draft Environmental Assessment on the widening of the Haleakala Highway project. We appreciate having had the opportunity to review the plan and offer the following comments and suggestions:

We strongly support the widening of the highway to relieve traffic congestion and to increase safety. Our Board also recognizes the safety aspects of the Jersey Barrier but at the same time questions whether the same benefits might be obtained through a wider, landscaped median strip. One of our Board members, Charlie Maxwell, mentioned Naupaka as a native shrub with the potential of providing some of the same safety benefits as the Jersey Barrier.

Our Board also remains concerned about the Halimale intersection, in light of the uncertainty of the plans for the Kihet-Upcountry Highway and proposed development for the area.

Mr. Maxwell expressed concern about endangered species that are growing next to the existing highway in the Pukalani area. He will review the plans with Mr. Siatot to determine whether the plants will be disturbed.

Thank you again for allowing us to review this Environmental Assessment document. Please do not hesitate to contact me if you would like additional information on our Board's discussion.

Sincerely,

Alan Kaufman, President

JUN 17 1996



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

HWY-DS  
2.1488

BENJAMIN J. CAYETANO  
GOVERNOR

304 Paani Place  
Paia, HI 96779

August 7, 1996

Mr. Herbert Tao  
State Department of Transportation  
859 Punchbowl Street  
Honolulu, HI 96813

Thank you for taking the time to discuss the Haleakala Highway expansion/ Jersey Barrier situation recently. Here is a copy of the Outdoor Circle newsletter story about the recent passage of the Underground Wiring Bill.

Since the Haleakala Highway is a major thoroughfare for residents and visitors alike, it would benefit all of us if the DOT and Maui groups such as Outdoor Circle and the County Arborist Committee could work with the community to create the best possible design for safety AND beauty!

Would it be possible to combine an attractive, planted median with a safety barrier? Such a creative solution would turn this into the Haleakala PARKWAY....featuring a MAUI BARRIER!

I would be happy to facilitate any public meetings or communication between the Outdoor Circle Maui Branch, the Arborist Committee, and others interested in making this project successful on all counts.

Please don't hesitate to phone me at (808) 871-4654 if you wish more information. Mahalo!

*Barbara Long*  
Barbara Long

**CONGRATULATIONS!!**  
**Underground Wiring Bill Passes 1996 Legislative Session**

On Thursday, June 6, 1996, Governor Ben Cayetano signed SB 2999 into law. This Bill, now a part of Hawaii's Revised Statutes, is called Act 84. It mandates that utility facilities on federal-aid highway projects be placed underground. The thrust of the bill is to provide for aesthetically pleasing utility lines. The bill acknowledges that utility poles detract from the public views, unsightly, and present safety hazards. Act 84 requires underground utility facilities in the design, reconstruction, or reconstruction of new highway projects that receive federal aid.

Three years ago was vetoed by the Governor last year. Senators Carol Fukunaga and Les Ihara, understanding the long-term benefits of the bill, introduced this year's version. SB 2999 received broad-based support from organizations such as the State Department of Transportation, Hawaiian Electric Company and The Outdoor Circle. President Carolyn Itcinrich attended the official bill signing at the Capitol and said, "The signing of this bill shows a commitment from the State that they like The Outdoor Circle, are interested in beautifying Hawaii's roadways." Our organization will continue to

August 12, 1996

Ms. Barbara Long  
304 Paani Place  
Paia, Hawaii 96779

Dear Ms. Long:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway Project No. 37B-03-94

We received your comments dated August 7, 1996, on the subject Draft Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala Highway corridor is shared by many of the residents of Maui. In view of the concerns on aesthetic and visual impacts, we are considering the use of a wider landscaped median strip in lieu of the proposed concrete barrier. Our findings will be coordinated with the various community associations, in the area, prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
Hugh Y. Ono  
Administrator  
Highways Division

BENJAMIN A. JOHNSON  
GOVERNOR



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

July 30, 1996

Ms. Virginia Gardner  
234A Holomakani Street  
Kula, Hawaii 96790

Dear Ms. Gardner:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 378-03-94

We received your comments on the subject: Draft Environmental  
Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
Hugh Y. Ono  
Administrator  
Highways Division

USA 20

Fred Rodriguez  
Environmental Communicator  
P.O. Box 536  
Honolulu, Hi. 96809

*Please consider an alternative to a  
concrete jersey barrier on side of Hwy in  
Maui. Several dividers used there, for example  
On our lovely islands aesthetics are  
important.*

*Virginia Gardner  
Kula*

MAJORITY-04  
DIRECTOR  
SAC/CLERK  
CLEANUP DIVISION

REPLY REFER TO

HWY-DS  
2-1361

2018-07-09



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

PAUL MORGAN  
SAR CALLEZO  
1-808-551-0000

REPLY REFER TO

HWY-DS  
2.1360

July 30, 1996

Ms. Madelyn D'Enbeau  
P.O. Box 1869  
Makawao, Hawaii 96768

Dear Ms. D'Enbeau:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments on the subject Draft Environmental  
Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
Hugh Y. Ono  
Administrator  
Highways Division

Environmental Communications  
P.O. Box 536  
Honolulu, HI 96809

Re: Preliminary Draft E.A. Haleakala Highway Widening

The proposed Environmental Assessment for the widening of the Haleakala Highway, Pukalani, Maui should address the social and economic importance of the natural beauty of the highway corridor which meanders through sugar and pineapple fields with breathtaking views of Haleakala the ocean and West Maui mountains. The only route to Haleakala, this road is an important scenic resource for Maui's residents and tourists.

Maui's scenic resources should be enhanced not degraded. Concrete Jersey barriers are ugly and would be a five mile long invitation to graffiti. A better alternative would be a wide landscaped median with two down lanes constructed as a separate roadway. This alternative should be considered.

Since the land alongside the road is not developed, the cost of acquisition would be reasonable. The present roadway with its culverts would remain intact, sparing residents and visitors road construction delays and saving the cost of redoing the culverts and building the Jersey barriers. The result would be a five lane divided highway with two down hill lanes or three uphill lanes. Eventual flowering tree planting would create a beautiful scenic highway.

Thank you for the opportunity to comment. Please consider this alternative to the road widening.

Sincerely,  
*Madelyn D'Enbeau*  
Madelyn D'Enbeau  
P.O. Box 1869  
Makawao HI 96768

JUL 9

BENJAMIN J. CAYETANO  
GOVERNOR



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

KAZU HAYASHIDA  
DIRECTOR

DEPUTY DIRECTORS  
JERRY M. MATSUDA  
GLENN M. OKIMOTO

IN REPLY REFER TO:

HWY-DS  
2.1664

August 30, 1996

The Honorable Alice L. Lee  
County Council Chair  
County of Maui  
200 S. High Street  
Wailuku, Hawaii 96793

Dear Chair Lee:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway  
Widening, Pukalani Bypass to Hana Highway, Project No. 37B-03-94

We received your comments dated August 14, 1996, on the subject Draft  
Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala Highway corridor  
is shared by many of the residents of Maui. In view of the concerns on aesthetics  
and visual impacts, we are considering the use of a wider grassed median strip in  
lieu of the proposed concrete barrier. Our findings will be coordinated with your  
office as well as various community associations in the area prior to finalizing the  
construction drawings.

Thank you for sharing your concerns.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Kazu Hayashida".

KAZU HAYASHIDA  
Director of Transportation

Council Chair  
Alice L. Lee  
Council Vice-Chair  
Patrick S. Masano  
Council Members  
James "Tuna" Ayres  
Alan Arakawa  
Sai P. Kuroyoshizawa  
Robert M. Morrison  
Thomas Y. Nakano  
Doreen S. Nakano  
Wayne K. Hahnke



RECEIVED

96 AUG 21 03:45  
COUNTY OF MAUI  
200 S. HIGH STREET  
WAILUKU, MAUI, HAWAII 96793  
DEPT. OF HIGHWAYS  
August 14, 1996

Ken R. Fausch  
Director of Council Services

Kazu Hayashida, Director  
August 14, 1996  
Page 2

cc: Mayor Linda Crockett Lingle  
Senator Joe Tanaka  
Representative David Morihara  
Councilmember Sol Kaho'ohalahala  
Madelyn D'Erbeau, Makawao Main Street Association  
Debbie Nakama, Pukalani Community Association  
Harry Matsuura, Halimaile Community Association  
Bill Myers, Kula Community Association

pa:f:ssd:96-181a

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

SUBJECT: IMPROVEMENTS TO HALEAKALA HIGHWAY  
(PAF 96-181)

I am writing to respond to the Environmental Assessment for the proposed improvements to Haleakala Highway, from a three-lane to a four-lane highway (Project No. 37B-03-94). Specifically, my comments will be directed at the proposed use of concrete Jersey barriers as the highway's medial strip.

I understand that several people from our community have already voiced their objections to the possibility of using concrete Jersey barriers. For the record, I am also against the use of such barriers.

I do, however, favor the use of a grassed medial strip instead. Not only would this type of medial strip be more visually pleasing and reflective of the area's country atmosphere, it would also meet federal safety standards.

Please keep us abreast of your progress in this plan. We, along with numerous Maui residents, are keenly interested in seeing Haleakala Highway improved in a manner consistent with the surrounding rural community.

Sincerely,

ALICE L. LEE  
Council Chair



BENJAMIN J. CAYETANO  
GOVERNOR



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

KAZU HAYASHIDA  
DIRECTOR  
DEPUTY DIRECTORS  
JERRY M. MATSUDA  
GLENN M. OKIMOTO

IN REPLY REFER TO

HWY-DS  
2.1364

July 31, 1996

Councilmember Sol Kaho'ohalahala  
County Council  
County of Maui  
200 S. High Street  
Wailuku, Maui, Hawaii 96793

Dear Councilmember Kaho'ohalahala:

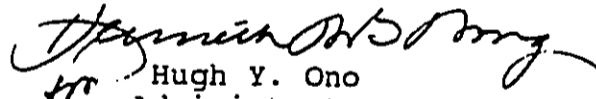
Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments dated July 22, 1996, on the subject  
Draft Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

  
Hugh Y. Ono  
Administrator  
Highways Division

Council Chief  
Alan L. Lee  
Council Vice-Chair  
Francis S. Fomenko  
Council Members  
James "Tom" Ayres  
Alan Andrews  
Sol P. Kahaloahala  
Robert L. Morrison  
Thomas P. Morrow  
James V. Nakama  
Wayne K. Neehi



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

Ken R. Fukuda  
Director of Council Services

Mr. Fred Rodriguez  
July 22, 1996

July 22, 1996

Mr. Fred Rodriguez  
Environmental Communications  
P. O. Box 536  
Honolulu, Hawaii 96809

**SUBJECT: State D.O.T. Proposed Haleakala Highway Widening  
Project No. 37B-03-94**

Dear Mr. Rodriguez:

The State's proposed widening of Haleakala Highway poses several concerns to me and to my Maui County constituency.

First: The proposed project states that the D.O.T. will "design and build an additional lane and divided medial strip with a concrete Jersey barrier (emphasis added) on Highway 37 from Pukalani Bypass to Hana Highway."

Learning that "concrete Jersey barriers" were indeed the visual monstrosities I believed them to be, but that federal safety regulations require such a medial strip on a divided highway in order to receive federal funding for such a project, I wish to suggest that the Haleakala viewplane is not the best place for concrete barriers regardless of federal dollars.

Clearly the federal government doesn't live near the Haleakala viewplane, nor is its economy dependant on environmental beauty, but it is my belief that the insertion of such a medial barrier would be little short of offensive to the viewplane seen from either mauka or makai direction.

Second: The Environmental Assessment states that the additional lane is necessary to "improve current traffic conditions which have deteriorated in terms of safety and capacity," but references no study from which this determination was made.

I do not believe that current Haleakala Highway traffic conditions warrant an additional lane and/or concrete barriers. Existing "coning" seems to work well enough to accommodate our morning "rush" hour and the two lanes mauka handle pau hana traffic quite well.

In her "State of the County" address earlier this year, our mayor, Linda Crockett Lingle, succinctly phrased an emphatic truth: "Our environment is our economy."

Utilizing federal or state dollars to butcher viewplanes will not help us or our economy.

I respectfully request that the State Department of Transportation respect the scenic importance of the Haleakala Highway to Maui County and seriously reconsider its proposed highway widening and concrete medial stripping.

Aloha,

Sol Kahaloahala  
Councilmember

SK:ep

Attachments

cc: Mayor Linda Crockett Lingle  
Charles Jendis, Director DPWMM  
Senator Daniel K. Inouye  
Senator Daniel K. Akaka  
Congresswoman Patsy T. Mink  
Senator Joe Tanaka  
House Speaker Joe Souto  
Office of Environmental Quality Control

96-0725.doc



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  
GILBERT 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

February 9, 1996

Mr. Herbert T. Tao  
Department of Transportation  
Highway-DS  
Aliiaimoku Hale  
869 Punchbowl Street  
Honolulu, Hawaii 96813

LOG NO: 16479 ✓  
DOC NO: 9602KD06

Dear Mr. Tao:

**SUBJECT: Historic Preservation Review of Proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway Project No. 37B-03-04 Makawao District, Maui**

Thank you for requesting early review and comments for the proposed Haleakala Highway widening project. The proposed project will add a second traffic lane to the Kahului-bound side of the present three-lane highway. According to the project description we received from Mr. F.J. Rodriguez (Memo dated 1/18/96), most of the work is to occur within the existing right-of-way, with the possible exception of the lower portion of the highway.

Our records of known historic sites show no previously recorded sites within or near the Haleakala Highway corridor between Pukalani and Hana Highway. A review of early nineteenth century maps indicates that a former plantation village, known as Upper Village 3, was once present immediately adjacent to the north side of Haleakala Highway between Hana Highway and Firebreak Road. The village was approximately .4 mile east (mauka) of Hana Highway.

We currently have no information regarding the dates of occupation for Upper Village 3. If it was relatively permanent, there is a possibility that remains of the village are still present in the agricultural fields. Such remains might include portable artifacts, structural remains, or subsurface features such as burials.

If the proposed improvements are contained within the existing highway right-of-way in the area of Upper Village 3, it is not likely that the project will cause new or additional impacts to the remains of the village.

Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Hwy  
February 1996

APPENDIX B

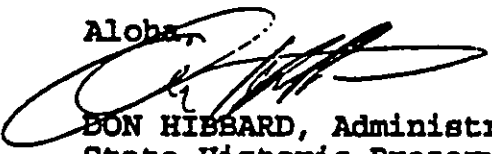
Mr. Herbert T. Tao  
Page 2

If additional agricultural land is acquired for the project in the area of the village, we request that our office be provided an opportunity to review construction plans and provide recommendations for a "no adverse effect" determination.

Based on our records and on the existing condition of the project area, we believe that construction in the remainder of the corridor will have "no effect" on historic sites.

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

Aloha,



DON HIBBARD, Administrator  
State Historic Preservation Division

KD:jen

c: F.J. Rodriguez (P.O. Box 536, Honolulu, Hawaii 96809)

BENJAMIN J. CAYetano  
GOVERNOR OF HAWAII



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION  
33 SOUTH KING STREET, 8TH FLOOR  
HONOLULU, HAWAII 96813

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

DEPUTY  
OLENEY COLEMAN-AGARAN

AGRICULTURE DEVELOPMENT  
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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

July 23, 1998

Mr. F. J. Rodriguez  
Environmental Communications  
81 South Hotel Street, Suite 211  
PO Box 536  
Honolulu, Hawaii 96809

LOG NO: 21842 ✓  
DOC NO: 9807BD20

Dear Mr. Rodriguez:

**SUBJECT: Chapter 6E-8 Historic Preservation Review of the Proposed Haleakala Highway Widening Project  
Hoku'ula Ahupua'a, Wailuku and Makawao Districts, Island of Maui  
TMK 2-5/3-8**


This letter is a Historic Preservation review of the proposed Haleakala Highway widening project located in Hoku'ula Ahupua'a. 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.

Our office reviewed the initial widening project (SHPD DOC NO: 9602KD06) in which we noted the previous location of the historic plantation Upper Village 3 approximately .4 miles east of Hana Highway on the north side of Haleakala Highway. The subject property also appears likely to have been the location of pre-Contact farming and perhaps habitation. More recent mechanized agriculture and highway construction has since altered the landscape, making it unlikely that any significant historic sites remain.

We therefore find the proposed undertaking to have "no effect" on historic sites. In the event that 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 or archaeologist should immediately contact the State Historic Preservation Division office in Wailuku.

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

Aloha

  
DON HIBBARD, Administrator  
State Historic Preservation Division

BD:jen

cc. Lisa Nuyen, Maui County Planning Department (fax: 243-7634)  
Ralph Nagamine, Maui County Department of Public Works (fax: 243-7972)

EB



HIGHWAYS DIVISION  
TRAFFIC BRANCH  
TRANSMITTAL MEMORANDUM

LETTER NO. \_\_\_\_\_

TO: HWY-DS DATE September 19, 1998  
ATTN: Frederic Abeshima  
FROM: HWY-T (Karl Kunishige)  
SUBJECT: Haleakala Highway Widening, Hana Highway to Pukalani Bypass

We are forwarding the following X Attached \_\_\_\_\_ Under Separate Sheet

COPIES	DESCRIPTION
1 Set	Traffic Study

These are transmitted as checked below:

- |  |   |
|--|---|
| <input type="checkbox"/> For Approval                                | <input type="checkbox"/> Approved as Submitted              |
| <input type="checkbox"/> For Review and Comments                     | <input type="checkbox"/> Approved as Noted                  |
| <input checked="" type="checkbox"/> Appropriate Attention and Action | <input type="checkbox"/> Returned for Correction            |
| <input type="checkbox"/> For Your Information & File                 | <input type="checkbox"/> Resubmit _____ Copies For Approval |
| <input checked="" type="checkbox"/> As Requested                     | <input type="checkbox"/> Suspense Date _____                |

REMARKS: If you have any questions, please call Steven Yoshida at X2174.

Copies sent to:  
HWY-TD: S. YOSHIDA

Karl Kunishige  
for PAUL M. HAMAMOTO  
Traffic Engineer

Reply: \_\_\_\_\_

**APPENDIX C LEVEL OF SERVICE TRAFFIC STUDY**

Date: \_\_\_\_\_

Signed: \_\_\_\_\_

**Traffic Characteristic:**

The existing Haleakala Highways, Route 37, consist of three travel lanes. Currently, two lanes travel from Hana Highway toward Pukulani Bypass while one lane travels in the opposite direction. To determine whether or not a particular roadway is meeting or exceeding its designed volume, a level of service study needs to be prepared. Level of service typically ranges from A to F where A represents free-flowing traffic and F describes forced or breakdown flow (congested).

Based on current peak-hour traffic counts, Haleakala Highway operates at level of service B for the two lanes that travel toward Pukulani Bypass while the single lane that travels toward Hana Highway has a level of service E (See Exhibit A). The proposed additional travel lane will increase the three lane Haleakala Highway to four lanes. The proposal will also add a median and increase the shoulder width. By providing these improvement, the level of service for the two lanes that travel toward Pukulani Bypass will retain its level of service at B, while the Hana Highway bound lanes will increase from E to B (See Exhibit B).

Projecting to the year 2018, the Haleakala Highway ADT (Average Daily Traffic) will increase an average of 47.6% (31.0% increase between Hana Highway and Haliimaile Road; 64.3% increase between Haliimaile Road and Pukalani Bypass; See Exhibit C). Therefore, as the ADT increase, so will the traffic volumes. Thus, utilizing the data from Exhibit C, the peak-hour traffic volumes for either direction will increase from 1632 to 2391. Accordingly, the level of service for the lanes that travel either toward Pukulani Bypass or toward Hana Highway will decrease from B to D (See Exhibit D).

The following is a summary of the results of the traffic analysis:

<u>Current</u>	<u>Level of Service</u>		<u>Direction (Haleakala Highway)</u>
	<u>Proposed</u>	<u>Year 2018</u>	
B	B	D	Traveling toward Pukulani Bypass
E	B	D	Traveling toward Hana Highway

Haleakala Highway has exceeded its current three lane highway capacity and needs to be upgraded by adding an additional lane. Contra flow operations are currently implemented to increase capacity during the peak hours.

Highway HALEAKALA HIGHWAY (ROUTE 37) Length 5.5 MILES  
 From/To HANA HIGHWAY TO PUKULANI BYPASS Analyst S. YOSHIDA  
 Analysis Year 1998 Date SEPTEMBER 1, 1998

Direction	FREE-FLOW SPEED		VOLUME	
	1	2	1	2
Field Measured or Estimated Free-Flow Speed or Speed Limit or 85th Percentile Speed			Volume (vph)	1632
Free-Flow Speed <sup>1</sup> (Ideal Conditions)	55 MPH	55 MPH	PHF	0.85
Median Type (UNDIVIDED)	55 MPH	55 MPH	Number of Lanes	N
Lane Width (12 FT)	55 MPH	55 MPH	Terrain (L,R,M) or Grade, %	R
Total Lateral Clearance (6 FT)	55 MPH	55 MPH	Length	-
Access/Mile (1 PER 5.5 MILES)	55 MPH	55 MPH	Trucks & Buses, %	3.85
Free-Flow Speed	53.4 MPH	53.4 MPH	RV's, %	3.0
FFS (for Curve) 2	53.4 MPH	53.4 MPH	$v_p$ (pcphpl)	-
	53.4 MPH	53.4 MPH	$f_{HV}^3$	0.929
	52.1 MPH	52.1 MPH		1033.37
	52.1 MPH	52.1 MPH		2066.74

1. If field measurement not available  
 2.  $FFS = FFS_i - F_M - F_{LW} - F_{LC} - F_A$   
 3.  $f_{HV} = 1 / (1 + P_T(ET - 1) + P_R(ER - 1))$   
 4.  $v_p = V / (N \times PHF \times f_{HV})$   
 5. Density =  $v_p$  / average passenger-car travel speed  
 \* Volumes are based on Peak-Hour Traffic

RESULTS					
Direction	$v_p$ (pcphpl)	Free-Flow Speed	Average Passenger-car Travel Speed	LOS	Density <sup>5</sup>
1	1033.37	51.85	51.85	B	19.93
2	2066.74	51.85	51.85	E	39.86



OPERATIONAL ANALYSIS

Highway: Haleakala Highway (Route 37)  
 Analyst: S. Yoshida  
 From/To: Hana Highway/Pukulani Bypass  
 Analysis Year: 1998  
 Length: 5.5 Miles  
 Date: 9/1/98

FREE-FLOW SPEED

Direction	1		2	
Free-Flow Speed:	Ideal		Ideal	
FFS or FFSi	55.0	mph	55.0	mph
Median Type	Divided		Divided	
Median Type Adjustment, FM	0.0	mph	0.0	mph
Lane Width	12.0	ft	12.0	ft
Lane Width Adjustment, FLW	0.0	mph	0.0	mph
Lateral Clearance:				
Right Edge	6.0	ft	6.0	ft
Left Edge	6.0	ft	6.0	ft
Total Lateral Clearance	12.0	ft	12.0	ft
Lateral Clearance Adjustment, FLC	0.0	mph	0.0	mph
Access Points per Mile	1		1	
Access Points Adjustment, FA	0.3*	mph	0.3*	mph
Adjusted Free-Flow Speed	54.8	mph	54.8	mph

VOLUME

Direction	1		2	
Volume, V	1632	vph	1632	vph
Peak-Hour Factor, PHF	0.85		0.85	
Peak 15-Minute Volume, v15	480		480	
Number of Lanes	2		2	
Terrain Type	Rolling		Rolling	
Grade	0.00	%	0.00	%
Segment Length	0.00	mi	0.00	mi
Trucks and Buses	4	%	4	%
Trucks and Buses PCE, ET	3.0		3.0	
Recreational Vehicles	0	%	0	%
Recreational Vehicles PCE, ER	1.2*		1.2*	
Heavy Vehicle Adjustment, fHV	0.93		0.93	
Driver Population Adjustment, fP	1.00		1.00	
Service Flow Rate, vp	1036	pcphpl	1036	pcphpl

RESULTS

Direction	1		2	
Service Flow Rate, vp	1036	pcphpl	1036	pcphpl
Adjusted Free-Flow Speed, FFS	54.8	mph	54.8	mph
Avg. Passenger-Car Travel Speed, S	54.8	mph	54.8	mph
Level of Service, LOS	B		B	
Density, D	18.9	pc/mi/ln	18.9	pc/mi/ln

The University of Florida assumes no liability for the use of this program.

\* These items have been entered or edited to override calculated values.

EXHIBIT R

July 21, 1998

Date

MEMORANDUM

TO: HWY-T

ATTN: G. Kakehi

FROM: HWY-PH *Paul F. Lopez*

The following data are submitted for your information:

NAME OF PROJECT: Haleakala Highway Widening

PROJECT NO.: 37B-03-94

SECTION: 

Hana Highway to Haliimaile Road	Haliimaile Road to Pukalani Bypass
---------------------------------	------------------------------------

TRAFFIC DATA:		Hana Highway to Haliimaile Road	Haliimaile Road to Pukalani Bypass
1998	ADT	27,400	23,800
2018	ADT	35,900	39,100
	DHV	3,290	3,360
	Kam	9.0	8.0
	Dam	75/25	70/30
	Tam	3.5	3.5
	Kpm	8.5	8.5
	Dpm	75/25	75/25
	Tpm	1.5	1.5
	T24	3.5	3.5

24-HOUR TRUCK COMPOSITION

CLASSIFICATION	PERCENT	PERCENT
BUS	12.87	12.87
2D	54.72	54.72
3X	19.38	19.38
4X	0.16	0.16
2S1, 3S1, 2S2	0.16	0.16
3S2, 3-2, 2-3	12.38	12.38
6/6+XS-TLR	0.33	0.33
5XM-TLR	0.00	0.00
6XM-TLR	0.00	0.00
7XM-TLR	0.00	0.00

REF. NO. TA 98-28

EXHIBIT C

OPERATIONAL ANALYSIS

Highway: Haleakala Highway (Route 37)  
 Analyst: S. Yoshida  
 From/To: Hana Highway/Pukulani Bypass  
 Analysis Year: 1998  
 Length: 5.5 Miles  
 Date: 9/3/98

FREE-FLOW SPEED

Direction	1		2	
	Free-Flow Speed:		Free-Flow Speed:	
FFS or FFSi	55.0	mph	55.0	mph
Median Type	Divided		Divided	
Median Type Adjustment, FM	0.0	mph	0.0	mph
Lane Width	12.0	ft	12.0	ft
Lane Width Adjustment, FLW	0.0	mph	0.0	mph
Lateral Clearance:				
Right Edge	6.0	ft	6.0	ft
Left Edge	6.0	ft	6.0	ft
Total Lateral Clearance	12.0	ft	12.0	ft
Lateral Clearance Adjustment, FLC	0.0	mph	0.0	mph
Access Points per Mile	1		1	
Access Points Adjustment, FA	0.3	mph	0.3	mph
Adjusted Free-Flow Speed	54.8	mph	54.3	mph

VOLUME

Direction	1		2	
	Volume, V		Volume, V	
Peak-Hour Factor, PHF	0.85		0.85	
Peak 15-Minute Volume, v15	704		704	
Number of Lanes	2		2	
Terrain Type	Rolling		Rolling	
Grade	0.00	%	0.00	%
Segment Length	0.00	mi	0.00	mi
Trucks and Buses	4	%	4	%
Trucks and Buses PCE, ET	3.0		3.0	
Recreational Vehicles	0	%	0	%
Recreational Vehicles PCE, ER	2.0		2.0	
Heavy Vehicle Adjustment, fHV	0.93		0.93	
Driver Population Adjustment, fP	1.00		1.00	
Service Flow Rate, vp	1520	pcphpl	1520	pcphpl

RESULTS

Direction	1		2	
	Service Flow Rate, vp		Service Flow Rate, vp	
Adjusted Free-Flow Speed, FFS	54.8	mph	54.8	mph
Avg. Passenger-Car Travel Speed, S	54.0	mph	54.0	mph
Level of Service, LOS	D		D	
Density, D	28.1	pc/mi/ln	28.1	pc/mi/ln

The University of Florida assumes no liability for the use of this program.

EXHIBIT D

2000-04-08-MA-~~FEA~~-

APR 8 2000

**FILE COPY**

OCTOBER, 1999

**PROPOSED ~~H~~ALEAKALA HIGHWAY  
WIDENING, PUKALANI BYPASS  
TO HANA HIGHWAY ~~A~~**

Wailuku and Makawao Districts, Maui County, Hawaii  
PROJECT NO. 37B-03-94

**FINAL ENVIRONMENTAL ASSESSMENT**

Submitted pursuant to the National Environmental Policy Act (NEPA)  
42 U.S. C. 4332 (2) (c)

and

Chapter 343, Hawaii Revised Statutes (HRS)

By the

U.S. Department of Transportation  
Federal Highway Administration

and the

State of Hawaii, Department of Transportation  
Highways Division

Proposed Haleakala Highway Widening,  
Pukalani Bypass to Hana Highway  
Wailuku and Makawao Districts  
Maui County, Hawaii

Final Environmental Assessment

Submitted pursuant to the National Environmental Policy  
Act (NEPA) 42 U.S.C. 4332 (2) (c)

and

Chapter 343, Hawaii Revised Statutes (HRS)

U.S. Department of Transportation  
Federal Highway Administration

and

State of Hawaii Department of  
Transportation, Highways Division

8/25/99

Date of Approval

Kazu Hayashida

Kazu Hayashida, Director  
Department of Transportation

9/14/99

Date of Approval

Abraham Wong

Abraham Wong, Division Administrator  
Federal Highway Administration

The following persons may be contacted for additional information concerning this document.

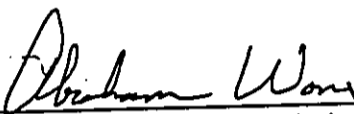
Mr. Abraham Wong  
Division Administrator  
Federal Highway Administration  
U.S. Department of Transportation  
Box 50206  
300 Ala Moana Boulevard  
Telephone: (808) 541-2700

Mr. Kazu Hayashida  
Director  
State of Hawaii Department of  
Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813  
Telephone: (808) 587-2150

FEDERAL HIGHWAY ADMINISTRATION  
FINDING OF NO SIGNIFICANT IMPACT  
For  
HALEAKALA HIGHWAY WIDENING, PUKALANI BYPASS TO HANA HIGHWAY  
DISTRICTS OF WAILUKU AND MAKAWAO  
ISLAND OF MAUI

The FHWA has determined that the proposed Haleakala Highway Widening will have no significant impact on the human environment. The FONSI is based on the attached EA, which has been independently evaluated by FHWA and determined to adequately and accurately discuss the need, environmental issues, and impacts of the proposed project and appropriate mitigation measures. It provided sufficient evidence and analysis for determining that an EIS is not required. The FHWA takes full responsibility for the accuracy, scope, and content of the attached EA.

9/14/99  
Date

  
Abraham Wong, Division Administrator  
Federal Highway Administration

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OF TRANSPORTATION 9-19-98

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## EXECUTIVE SUMMARY

Department of Transportation Highways Division, State of Hawaii (SDOT) is proposing to widen the existing three lane highway to a four lane divided highway on Haleakala Highway from the Pukalani ByPass to Hana Highway. Increased traffic volume and added safety are the principal reasons for the planned improvements. The proposed fourth lane will be built to Federal/ State highway construction standards.

The improvements include expansion of five existing agricultural irrigation culvert crossings, shoulder improvements, and replacement of traffic signals at North Firebreak Road for cane haul truck crossing, and installation of new traffic signals at Haliimaile Road intersection. Revisions to the preliminary design are now completed and are included in this Final Environmental Assessment (E.A.) .

Public concerns over the median strip aesthetics have been finalized by the SDOT and the Federal Highway Administration (FHWA). The design revisions have been examined on the basis of traffic safety by the SDOT and FHWA. Additional land acquisition will be necessary; the final amount will be determined during the design phase.

1. Purpose of Project and Need for Action

SDOT has determined in a traffic level of service (LOS) study<sup>1</sup> done in September, 1998, (See Appendix C) that is based on current peak hour traffic counts. Level of service typically ranges from A to F where A represents free flowing traffic and F describes forced or breakdown flow (congested). Haleakala Highway operates at a level of service B for the two lanes that travel towards the Pukalani ByPass, while the single lane that travels towards Hana Highway has a level of service E. After construction of this project, the LOS will be level B in both directions.

Traffic safety has been of continuing concern, with particular attention on the speeding. Enforcement of posted speed limits is difficult with the limited enforcement capability of Maui Police Department due to budget constraints.

2. Summary Information

Project Name: Haleakala Highway Widening, Pukalani Bypass  
to Hana Highway  
Project No. 37B-03-94

Proposing Agency: State of Hawaii  
Department of Transportation  
Highways Division

Accepting Authority: Federal Highway Administration;  
State Department of Transportation

Agencies consulted: Listed in Appendix A,  
"Comments and Coordination" pp. 13-16

Landowner: State of Hawaii for Highway Right-of-Way

Existing Use: Agriculture

State Land Use Designation: Agriculture

County Zoning Designation: Agriculture

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<sup>1</sup> SDOT Level of Service Study 9-19-98

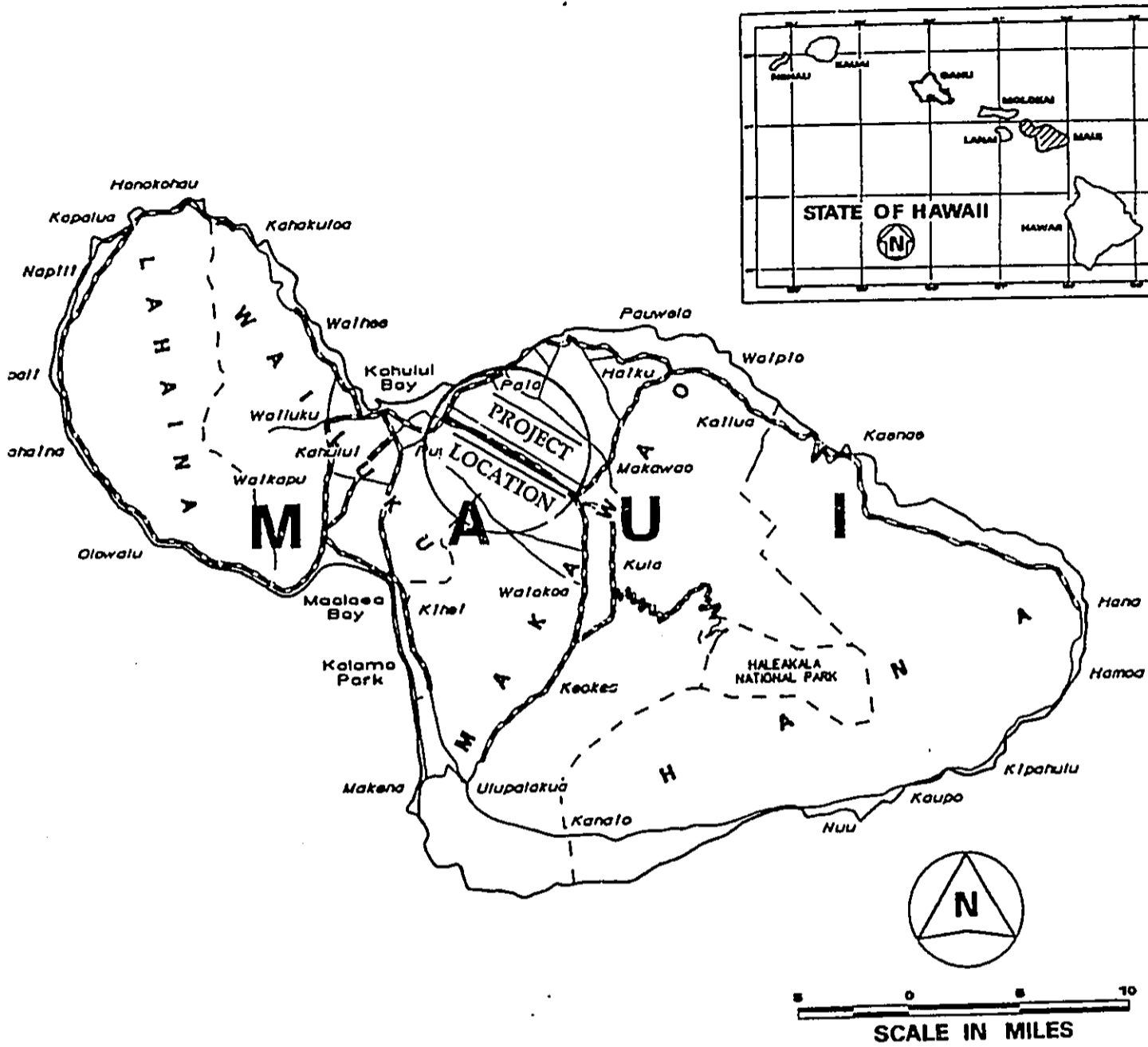
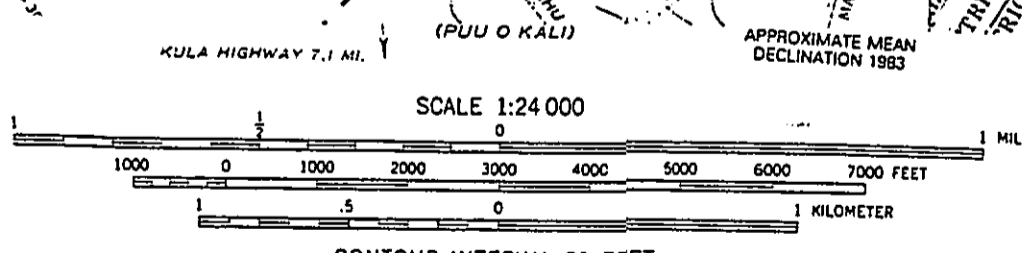
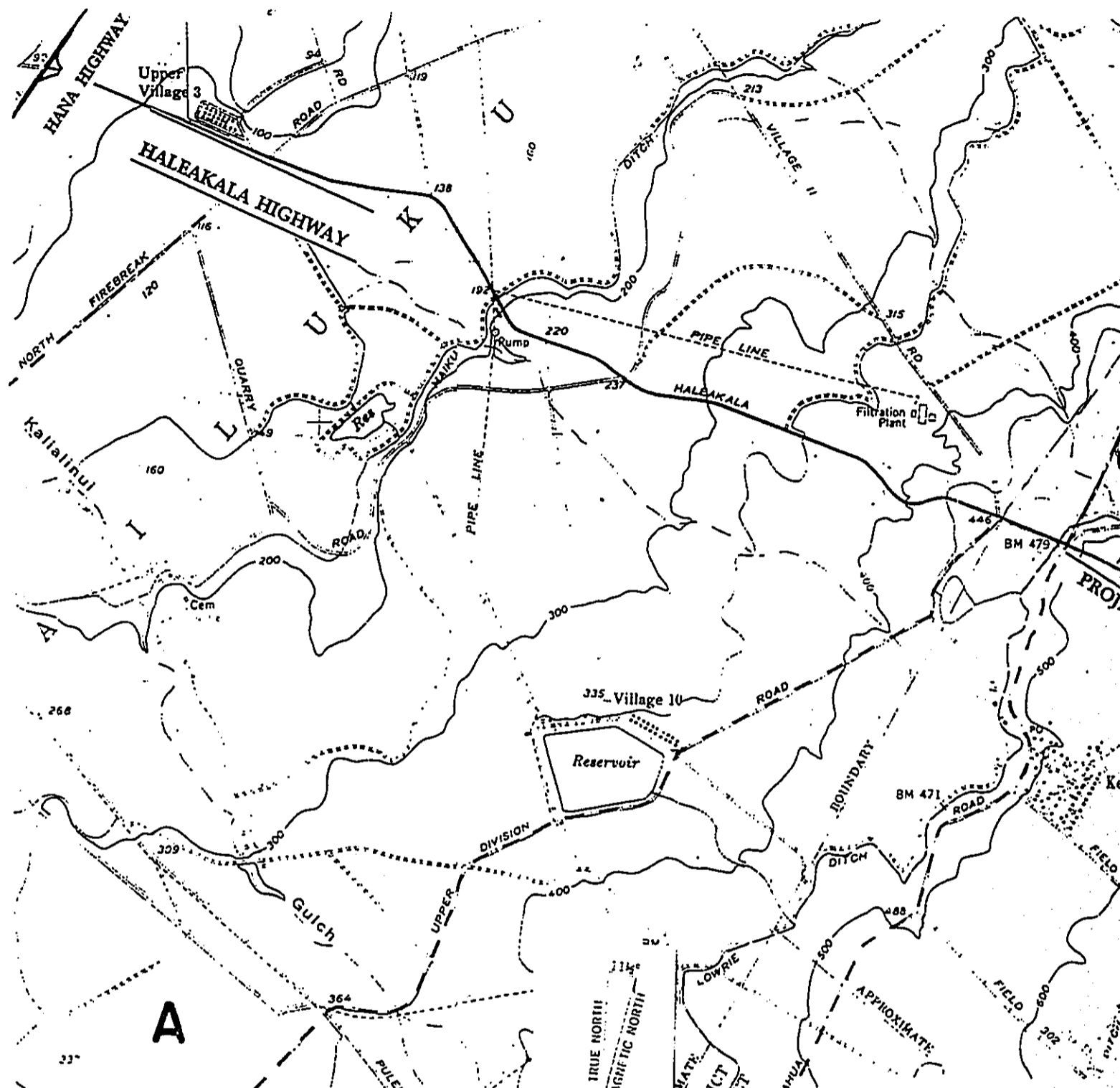


FIGURE 1

PROJECT VICINITY MAP

PROPOSED HALEAKALA HIGHWAY WIDENING  
 PUKALANI BYPASS TO HANA HIGHWAY  
 PROJECT 37B-03-94

Haleakala Hwy. Widening,  
 Pukalani Bypass to Hana Hwy



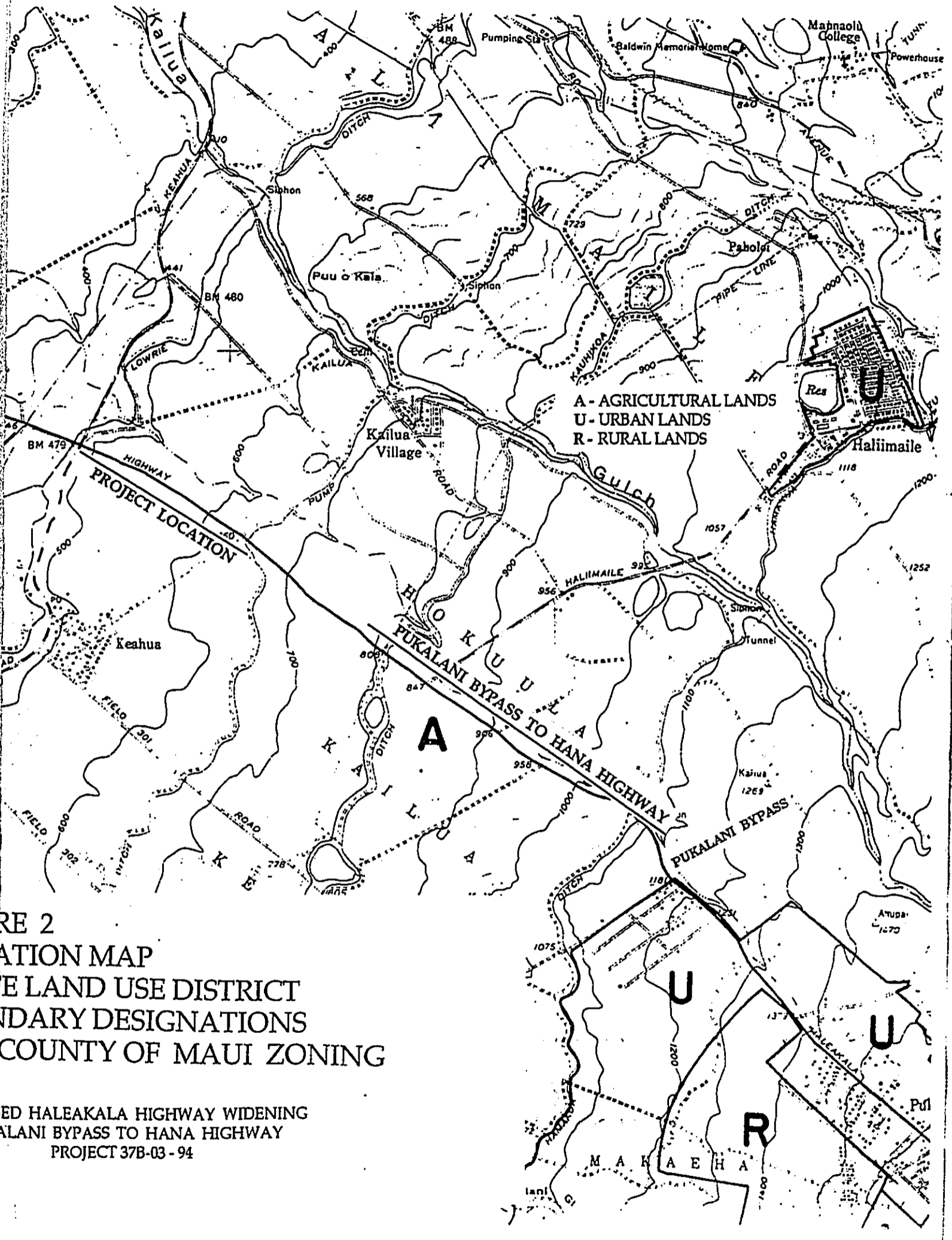
CONTOUR INTERVAL 20 FEET  
 DATUM IS MEAN SEA LEVEL

DEPTH CURVES IN FEET—DATUM IS MEAN LOWER LOW WATER  
 SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE  
 THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 2 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

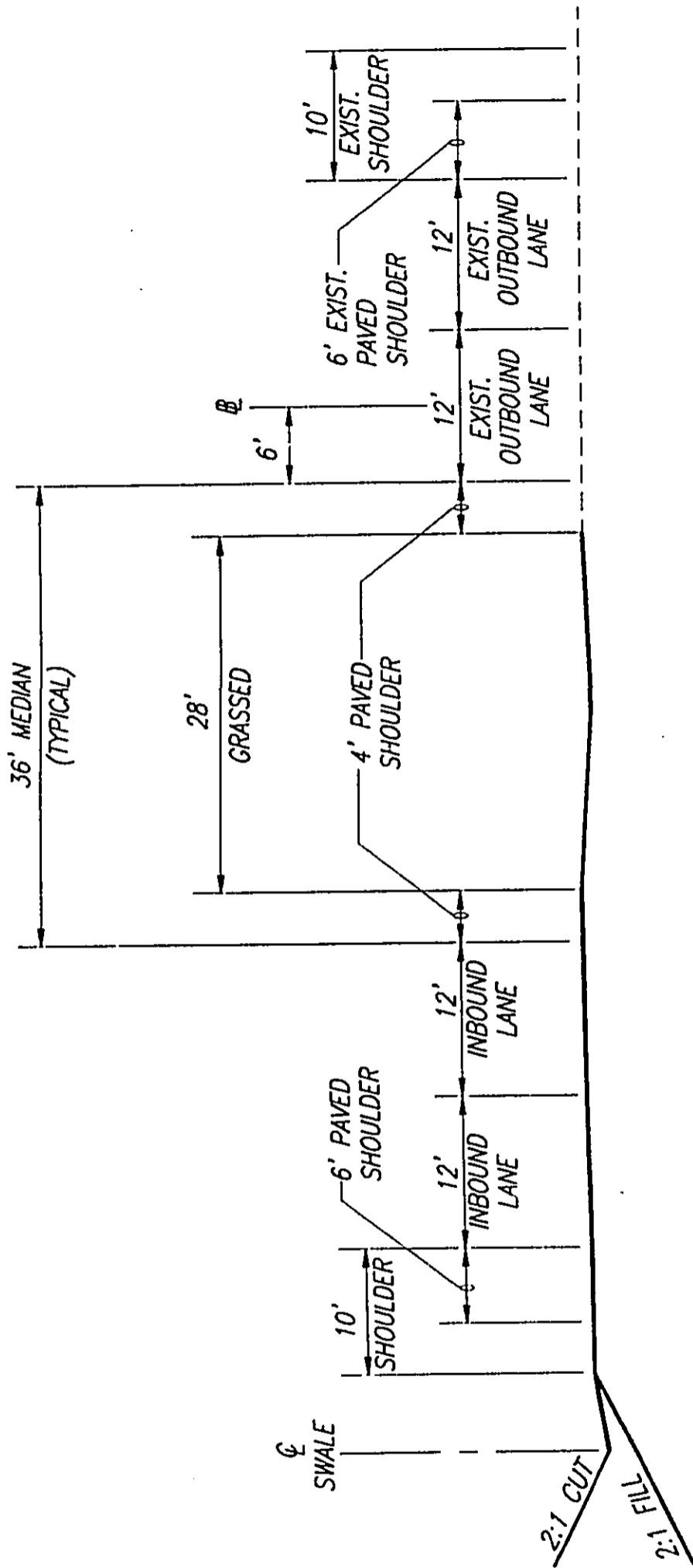
FIGURE 2  
 LOCATION MAP  
 STATE LAND  
 BOUNDARY DE  
 AND COUNTY C

PROPOSED HALEAKALA  
 PUKALANI BYPASS TO  
 PROJECT 37



RE 2  
 ATION MAP  
 E LAND USE DISTRICT  
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 COUNTY OF MAUI ZONING

ED HALEAKALA HIGHWAY WIDENING  
 ALANI BYPASS TO HANA HIGHWAY  
 PROJECT 37B-03 - 94

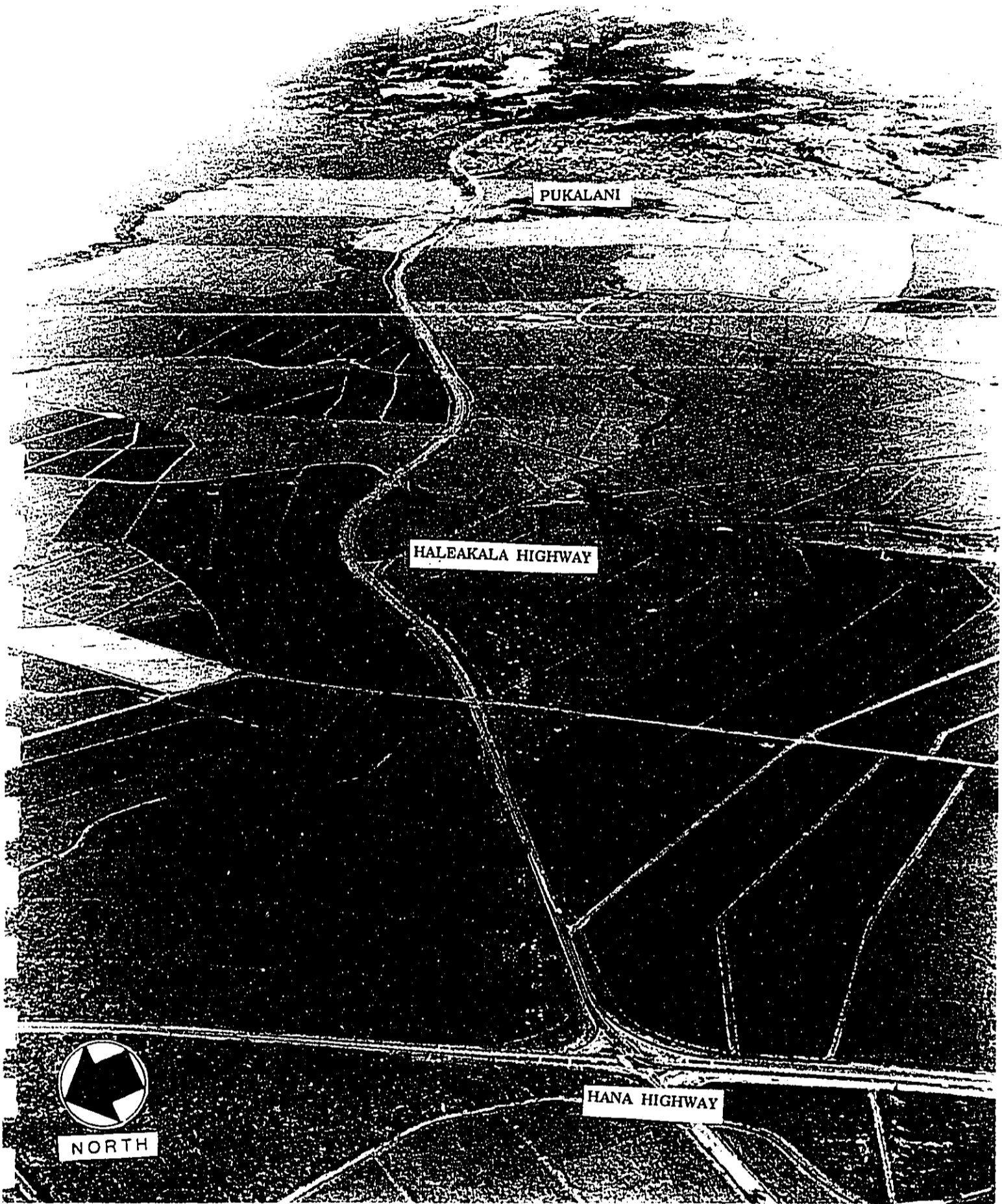


**TYPICAL SECTION ~ 36' MEDIAN**  
NOT TO SCALE

Figure 3

**PROPOSED TYPICAL SECTION  
- 36' MEDIAN CONFIGURATION**

Haleakala Hwy. Widening  
Pukalani Bypass to Hana Hwy.



Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Highway

FIGURE 4  
PROJECT ALIGNMENT - AERIAL VIEW

Tax Map Keys:                     2nd Division - 3-8-01 por 1, 6  
   3-8-03 por 4,5,7  
   2-5-02 por 2  
   2-5-03 por 1, 10

### 3. TECHNICAL , ECONOMIC, SOCIAL AND ENVIRONMENTAL CHARACTERISTICS

#### A. Technical Characteristics

Haleakala Highway is at the present time, an all weather paved three lane road on the island of Maui. From the junction at Hana Highway, the Haleakala Highway moves a distance of approximately 5.5 miles in a south-east direction to the Pukalani Bypass. The existing paved laneage, and right-of-way shoulder areas are State lands, and comprise approximately 100 acres. The roads are paved to State Highway standards. The single lane that provides transport from the Pukalani Bypass to the Hana Highway intersection is also paved to State Highway standards.

#### B. Project Description

SDOT is proposing the design and construction of an additional travel lane and divided medial strip on Haleakala Highway, from the Pukalani Bypass to the Hana Highway intersection. (See Figure 4) . The additional lane is to improve current traffic conditions which have resulted in overload of capacity. This is due in part to the increased volume of traffic from upcountry Maui to Central Maui. Level of Service typically ranges from A to F where A represents free-flowing traffic and F describes forced or breakdown flow (congested).

Present Level of Service (LOS) is rated at B towards Pukalani ByPass, and LOS E towards the Hana Highway. Traffic safety, median strip aesthetics, and cost effective benefits have been evaluated. In response to the comments received against the use of the concrete Jersey barrier, a re-design process has been initiated to evaluate the wider median strip versus the concrete barrier. The use of a concrete Jersey barrier in the median strip is deleted. A public information meeting has been held and the results have been included in the final design process. Estimated costs for the new median strip to be included in the additional 4th lane widening will result in costs of approximately \$15-17 million dollars due to increased materials and labor costs, plus land acquisition costs.

SDOT presently expends annual costs of \$300,000.00 for contra-flow operations. Constructing the fourth lane and ancillary improvements will eliminate this current expense. Public safety will be improved by the construction and addition of the fourth travel lane, adding a separation median strip, and increasing the shoulder widths. For added safety, new traffic signals will be installed at Haliimaile Road intersection, with replacement signals installed at North Firebreak Road for cane haul truck crossing.

There are also five existing irrigation culvert crossings and improvements to widen these crossings will be included in the lane widening project as part of Haleakala Highway

Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Highway



Existing shoulder areas on the side of the roadway will also be expanded to insure a safety zone for emergency situations. Size of the shoulder area will be in compliance with the applicable AASHTO standards. Taking of minimal non-government lands may be necessary to meet safety requirements for road widening in the lanes as well as the safety - emergency shoulder areas. Specifications for the proposed improvements are:

1. Lane width: 12 feet
2. Adjacent shoulder area: 10 feet
3. Median strip: 36 feet typical See Figure 3 (less than 36 feet and tapered to zero for a distance of about 700 feet to Hana Highway, and tapered to zero for a distance of about 1500 feet to Pukalani Bypass.
4. Irrigation ditch crossings: various widths; Lowrie Ditch is widest at + 36 feet.
5. Merging lane and shoulder expansion: 22 feet (Pukalani Bypass and Hana Highway).
6. Alternatives Considered: Early design analysis provided various scenarios that have been evaluated . These include the initially unacceptable alignment with the concrete barrier in the median strip. Also considered as an interim measure is the contra-flow measure which provides for two lanes down from Pukalani to the Hana Highway junction in the A.M. peak travel time. The third plan is the plan which will require the acquisition of approximately 20 acres for shoulder widening as well as expanded median strip space. (See Figure 3)

C. Social Characteristics:

1. Traffic Safety: Increased traffic accidents involving both life and property have been noted by the Maui County Police Department and the Highways Division, SDOT. With only one travel lane from Pukalani down to Hana Highway, the tendency to exceed posted highway speed limits has caused the growth of traffic safety violations. During the calendar years 1995 to 1997, there have been a total of (3) three fatalities that have occurred on Haleakala Highway, between Hana Highway and the Pukalani Bypass. <sup>2</sup> We have no national comparisons for this figure.

2. Population increases - Maui County, Makawao District: (The following population figures are provided from the 1980 U.S. Bureau of Census of Population, and the 1990 Census of Population and Housing 1990 CPH-1-13 (August, 1991) Table 2.)

Maui :	1980 Total population:	70,991
	1990 " "	100,504
Makawao:	1980: Total Population	19,005
	1990 " "	29,207 + 53.7%

Up country Maui has experienced a noticeable increase in population according to the ten year data. This is due to the increase in the urban residential population of the area on lands previously in Agriculture, i.e. small truck farms and flowers. As displacement of small farming by bedroom residential communities is taking place, the a.m. and p.m.

<sup>2</sup> Traffic Safety Section Memorandum  
7-10-98

traffic increases are being experienced with the increased traffic congestion resulting due to increased traffic to and from employment centers in Central Maui, Lahaina, and the Wailea resort area to Makena. It is felt that improvements to the Haleakala Highway will provide a safer and more reliable traffic arterial for upcountry residents.

**D. Environmental Characteristics:**

1. The proposed additional travel lane on the existing Haleakala Highway will be on the north side of the roadway, coming down from the Pukalani ByPass to the Hana Highway intersection. The approximate distance from the Pukalani Bypass to the Hana Highway intersection is approximately 5.5 miles. The highway is a gently sloping road, beginning at the Pukalani Bypass at an elevation of 1180 feet, and ending at the Hana Highway intersection at an elevation of, 90 feet, an average slope of less than 5%.

The State owned roadway and existing Right-of-Way comprise over 100 acres spread over the 5.5 mile stretch of highway. It is a corridor ranging from 60 - 190 feet in width including the three travel lanes and emergency shoulder areas. A majority of the roadbed width is 150 feet. The adjacent land uses are agriculture with sugar as the principal crop. Alignment revisions due to a wider median strip, additional emergency shoulder space, and the deletion of the concrete Jersey barrier will result in additional economic loading for land acquisition, re-design work for the additional project, and project maintenance.

2. Soil types are primarily silty clay loam with slopes ranging from 0-3% to 7-15%.

Principal soils are: *Molokai Silty Clay Loam MuA*;

*Ewa Silty Clay Loam EaA*;

*Pulehu Silty Clay Loam PpA*;

*Keahua Silty Clay Loam KnB*;

*Haliimaile Silty Clay Loam HgB*;

and *Haliimaile Silty Clay HhB*.

3. There are no endangered plant or animal species within the State owned land corridor known as Highway No. 37. Further, there is no habitat for endangered avifauna or mammals on Highway No. 37 or the immediate adjacent environs. In the event that additional taking of non-government lands for the proposed additional travel lane, there is again, no existing habitat for threatened or endangered species. (U.S. Department of the Interior Fish & Wildlife Service 7-18-96)

4. The possible discovery of Historical/Archaeological Sites have been determined to be highly unlikely by the State Historic Preservation office. In correspondence dated February 9, 1996, the SHPO issued a determination of "No effect" on historic sites within the construction area to the proposed project. See Appendix B.

**E. Impacts:**

The impacts that may be anticipated are primarily construction related impacts, i.e. Noise, Air Quality, and potential surface runoff from trenching and excavation.

1. Noise: The proposed travel lane addition is an existing right-of-way on Haleakala Highway. Additional land will be required for shoulder areas, and also the wider center median strip. On both sides of Haleakala Highway, there is no urban residential or commercial land uses for the 5.5 miles of planned improvements. (See Aerial View, Figure 4.) Specific noise abatement measures beyond vehicular controls will not be

necessary. This Project has been evaluated per SDOT's Noise Analysis and Abatement Policy. The analysis has determined that the Project is in Activity Category "D" for undeveloped lands. Therefore, no noise analysis is required.

2. Air Quality: The extremely limited zone of construction for the additional travel lane within the established right-of-way, will enable the general contractor to more effectively control fugitive dust generated from the construction site. This aspect of construction design added to the non-existence of urban -residential land uses for the approximately 5.5 miles of planned improvements enables the general contractor to more effectively deal with the fugitive dust impacts. Standard abatement measures of watering the surface layer of the planned travel lane alignment during clearing, grubbing, and grading to final grade, will limit the fugitive dust impact and enable the project to proceed in a timely manner.

3. Surface Runoff: There are five existing irrigation ditch crossings on Haleakala Highway that could impact the storage located below the Highway with surface runoff. The reservoir is not a potable water storage reservoir, but is used for storage of irrigation water. In times of extreme rain, ditch water is limited to the reservoir, or the remote adjacent gulches which can contain the ditch overflows. The likelihood of irrigation water reaching the coastal zone are remote. The use of Best Management Practices (BMP) and implementation of the State Department of Health's non-point source Management Plan's soil erosion control measures will mitigate the potential water quality impacts.

4. Traffic Impact: Temporary traffic congestion from the proposed construction of the additional travel lane will result due to the construction of the planned single travel lane improvement. Traffic may be limited to the two existing travel lanes presently going up to Pukalani from the Hana Highway. The two lanes will be divided into two traffic construction lanes, one lane up, and the second lane down from Pukalani to Hana Highway. Construction will be allowed only during the off peak hours of 8:30 a.m. to 3:30 p.m. The current posted speed limits are 55 miles per hour from the Haliimaile junction to Makawao. The posted speed limit from the Haliimaile junction down to the Hana Highway is 45 miles per hour.

#### F. Comments and Coordination (with Maui County and adjacent landowners)

Early coordination with the Maui County Planning Department, Department of Public Works: Engineering Division, Land Use & Codes Division, Alexander & Baldwin, Engineering & Construction, and H C & S Engineering was done to determine potential adverse impacts from the proposed travel lane improvements. No significant adverse impacts were anticipated from the proposed project improvements.

#### G. Relationship to Governmental Plans and Policies

A. Maui Long Range Land Transportation Plan (Final Report Maui Long Range Land Transportation Plan February, 1997 pp.7-10)  
The County of Maui Long Range Land Transportation Plan consists of three key elements: Highway element; Transit Element and Bikeway Element. Provisions for the proposed project would be relative to the Highway Element with possible inclusion of the Transit Element.

**B. Maui County General Plan**

Does not address specifically, the implied nature of Highway/Road widenings. Transportation facilities and improvements are vital links in the total infrastructure for the safe and efficient movement of people and materials.

**H. Applicable Governmental Permits**

The following governmental permits will need to be reviewed for possible compliance prior to actual start of construction.

1. Department of Army Corps of Engineers Section 404 Clean Water Permit - N/A (See DOA Letter dated 6-13-96.
2. State Department of Health Section 401 Clean Water Act (None required without Corps of Engineers Section 404 permit).
3. State Department of Land and Natural Resources Stream Channel Alteration Permit (SCAP) pending construction plans for Lowrie Irrigation Ditch.
4. Office of State Planning Coastal Zone Management(CZM) Permit - Required for preliminary review. Chapter 205A-1 identifies "Coastal Zone Management Area" as all lands of the State and the area extending seaward from the shoreline to the limit of the State's police power and management authority, including the United States territorial sea. 205A-1 Definitions.
5. State Department of Health National Pollutant Elimination Discharge System (NPDES) General Permit Coverage.
6. Maui County Grading Permit
7. Maui County Building Permit

5. FINDING OF NO SIGNIFICANT IMPACT

Per the Hawaii Revised Statutes (HRS) Chapter 343, the State Department of Transportation Highway Division is issuing a Finding of No Significant Impact (FONSI) for the proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway (State Project No. 37B-03-94). This FONSI is based on an assessment by the accepting authorities of project impacts based on criteria described in Section 2 relative to the Significance Criteria specified in Hawaii Administrative Rules (HAR) Sections 11-200-12(b.) The criteria is provided in brief with the assessment in italics.

*Involves an irrevocable commitment to loss or destruction of any natural or cultural resource* - -The proposed roadway widening will not involve the loss or destruction of any natural or cultural resource. Previously determined village sites have disappeared, due to active sugar cultivation.

*Curtails the beneficial use of the environment* - The proposed project will not curtail the beneficial use of the environment. The "Environment" being used is existing Right-of-Way previously acquired and additional acreage to accommodate the wider median strip. The proposed project will service motorists, bicyclists, and pedestrians, representing a beneficial use of the roadway right-of-way.

*Conflicts with the State's long term environmental policies or goals and guidelines expressed in Chapter 344, HRS.* - The proposed project is consistent with the environmental goals and objectives of the State. The proposed project will improve the overall ambient air quality for the region by improving the traffic flow during AM and PM periods of congestion.

*Substantially affects the economic or social welfare of the communities or State* - The proposed project will require additional right-of-way to provide the expanded median strip and additional fourth lane. There will be no displacement of residential or businesses as the current alignment is in active sugar cultivation. Upon project completion, Maui residents will benefit from improved transportation service.

*Substantially affects public health* - The proposed project will not detrimentally affect public health. It will improve the safety of motorists, bicyclists and pedestrians traveling along Haleakala Highway.

*Involves substantial secondary impacts* - The proposed project will not cause secondary impacts in light of the existing land uses and zoning designations abutting the highway.

*Involves substantial degradation of environmental quality* - The proposed project is entirely within the Agricultural land use District, and will not impact ambient air, noise, or water quality. Isolated instances of temporary impacts may occur during the construction phase.

*It is individually limited but cumulatively has considerable effect upon the environment or involves a commitment for larger actions.* - The proposed project will not cause substantial urban development or induce development out of character with the existing community in the area. The proposed project will not create a commitment to undertake larger actions.

*Substantially affects a rare, threatened, or endangered species or its habitat* - There are no rare, threatened, or endangered plant or animal species in the area directly affected by the proposed project.

*Detrimentially affects air or water quality or ambient noise levels* - Temporary construction activities can result in temporary impacts to the State Ambient Air Quality Standard, but with practical application of Best Management Practices, this pollution source can be mitigated. There is no residential or commercial uses on the current project alignment, and the proposed project will not result in an adverse change to the current condition.

*Affects or is likely to suffer damage by being located in an environmentally sensitive area* - The proposed project is located in an open agricultural locale and the roadway right-of-way is not environmentally sensitive. The proposed project is not conducive to flooding, earthquakes, and volcanic eruptions. Once completed, the new roadway lane will enhance evacuation and emergency response.

*Substantially affects scenic vistas and viewplanes identified in county or state plans or studies.* - The proposed project will retain the current and existing view corridor.

*Requires substantial energy consumption* - in comparison to the "No-Build" alternative, the proposed project will reduce energy consumption because of improved traffic flow. Traffic congestion is a major source of energy waste.

**APPENDIX A**  
**COMMENTS AND COORDINATION**

**Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Highway**

The following Federal, State, and Maui County agencies were consulted during the preparation of this Environmental Assessment and the responses are noted.

\* dates indicate comment receipt ( boldface)

Federal

U.S. Department of Agriculture  
Soil Conservation Service  
P. O. Box 50004  
Honolulu, HI 96850 6-26-96 \*

U.S. Department of the Interior  
Fish & Wildlife Services  
P. O. Box 50156  
Honolulu, HI 96850 7-22-96

U.S. Army Corps of Engineers  
Pacific Ocean Division Bldg. T-1  
Fort Shafter, HI 96858 6-17-96

U.S. Dept. of Transportation  
Federal Aviation Administration  
P.O. Box 50109  
300 Ala Moana Boulevard  
Honolulu, HI 96825

U.S. Department of the Interior  
Fish and Wildlife Service  
P.O. Box 50088 Honolulu, Hawaii 96850  
7-18-96

State

Dept. of Accounting & General Services  
1151 Punchbowl Street  
Honolulu, Hawaii 96813 7-8-96

State Historic Preservation Division  
Dept. of Land and Natural Resources  
33 South King Street 6th Floor  
Honolulu, Hawaii 96813 7-12-96

Department of Agriculture  
1428 South King Street  
Honolulu, Hawaii 96814

Department of Health  
1251 Punchbowl Street  
Honolulu, Hawaii 96813

Dept. of Business, Econ. Develop. & Tourism  
220 South King Street 11th Floor  
Honolulu, HI 96813-4541

Department of Health  
Environmental Management Division  
919 Ala Moana Boulevard  
Honolulu, HI 96813

Department of Defense  
3949 Diamond Head Road  
Honolulu, HI 96816 6-28-96

Office of State Planning  
State Capitol Bldg. 4th Floor  
Honolulu, HI 96813

Department of Education  
1390 Miller Street  
Honolulu, Hawaii 96813 7-5-96

Dept. of Hawaiian Home Lands  
335 Merchant Street,  
Honolulu, Hawaii 96813

Office of Hawaiian Affairs  
711 Kapiolani Boulevard Suite 500  
Dept. of Land and Natural Resources  
P.O. Box 621 Honolulu, Hawaii 96813 6-28-96

University of Hawaii- Manoa  
Water Resources Research Center  
2540 Dole St. Holmes Hall 283  
Honolulu, HI 96822

Office of Environmental Quality Control  
State Office Tower Suite 702  
235 S. Beretania St. Honolulu, HI 96813 7-22-96

Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Highway



Rep. David Morihara  
State Capitol  
Honolulu, HI 96813 8-5-96

University of Hawaii - Manoa  
Environmental Center  
2550 Campus Road Crawford 317  
Honolulu, HI 96822

County of Maui

The Hon. Linda Crockett Lingle, Mayor  
County of Maui  
Wailuku, HI 96793 7-26-96

Ms. Alice L. Lee, Chair  
County Council  
200 S. High St. Wailuku, HI 96793 8-21-96

Planning Dept.  
200 South High Street  
Wailuku, Hawaii 96793 7-1-96

Dept. of Parks & Recreation  
200 South High Street  
Wailuku, Hawaii 96793 6-24-96

Department of Public Works  
200 South High Street  
Wailuku, Hawaii 96793 7-10-96

Department of Water Supply  
200 South High Street  
Wailuku, Hawaii 96793

Economic Development Agency  
200 South High Street  
Wailuku, Hawaii 96793

Police Department  
55 Mahalani Street  
Wailuku, Hawaii 96793 6-27-96

Community & Public Organizations

Haliimaile Community Association  
37 Paihua Street  
Haliimaile, Hawaii 96787  
Attn.: Mr. Harry Matsuura

Ka La Hui O Hawai'i Mailed twice and  
returned.  
P.O. Box 1904  
Wailuku, Hawaii 96793  
Attn.: Sarah Nakihei \*Mailed 6-24-96

Keokea - Waiohuli Hawaiian Homestead  
P.O. Box 1243  
Makawao, Hawaii 96768  
Attn: Gladys Kanoa

Kula 200 Association  
333 Dairy Road Suite 201E  
Kahului, Hawaii 96732

Kula Community Association  
P.O. Box 417  
Kula, Hawaii 96790  
Attn: Alan Kaufman 6-17-96

Ms. Barbara Long  
304 Paani Place  
Paia, HI 96779 8-7-96

Makawao Community Association  
773 Kawanakoa Street  
Attn: Clarence Kamai, Jr  
Makawao, HI 96768

Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Highway

Makawao Main Street Association  
P.O. Box 1869  
Makawao, Hawaii 96768  
Attn: Madelyn D'Enbeau 7-9-96

Maui Hotel Association  
1325 Lower Main Street Suite 103  
Attn: Terry Vencil

Olinda Community Association  
526 H Olinda Road  
Makawao, HI 96768  
Attn: Ruth Ann Bates

Mr. Randy Moore  
H C & S Sugar Company  
P.O. Box 266  
Puunene, Hawaii 96784 \*mailed 6-26-96

Jocelyn Romero Demirbag  
131 Pukalani Street  
Pukalani, HI 96768 7-15-96

Peter W. Meagher  
119 Ka Drive  
Kula, HI 96790 7-21-96

Ms. Sally Simonds  
689B Omaopio Road  
Kula, HI 96790 7-19-96

The Hon. Sol Kaho'ohalahala  
County Council  
County of Maui  
200 High Street  
Wailuku, HI 96793 7-23-96

Mr. G. Stephen Holaday  
Hawaiian Commercial and Sugar Company  
P.O. Box 266  
Puunene, HI 96784 6-29-99

Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Highway

Maui Chamber of Commerce  
26 Puunene Avenue  
Kahului, Hawaii 96732  
Attn: Lyn Woods

Makawao Main Street Association  
Attn: Richard J. LaFond, Jr. 7-23-96  
P.O. Box 1497  
Wailuku, Hawaii 96793

Pukalani Community Association  
P.O. Box 277  
Attn: Debbie Nakama  
Pukalani, Hawaii 9676

Ms. Meredith Ching, Vice President  
Alexander & Baldwin, Inc.  
P. O. Box 3440  
Honolulu, HI 96801-3440 delivered 6-27-96

Virginia Gardner  
234A Holomakani Street  
Kula, HI 96790 7-14-96

Ms. Debbie Wyand  
202 Hoalike Street  
Kihei, HI 96753 7-22-96

Ms. Karen Jones  
523C Kimo Drive  
Kula, HI 96790 7-21-96

Mr. Richard F. Cameron  
Hawaiian Commercial & Sugar Company  
P.O. Box 266  
Puunene, HI 96784 7-30-96



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
859 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813

IN REPLY REFER TO  
HWY-DS  
2.4396

June 29, 1999

Mr. G. Stephen Holaday, Plantation General Manager  
Hawaiian Commercial and Sugar Company  
P.O. Box 266  
Puunene, Hawaii 96784


Dear Mr. Holaday:

Subject: Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
Districts of Wailuku and Makawao, Island of Maui  
Project No. 37B-03-94

We are responding to your letter dated December 21, 1998 on the status of various highway projects on Maui that are of concern to HC&S. We note for your information that on Item 1 of your letter, Haleakala Highway widening to four lanes, your request for two underpasses will not be possible due to financial budget constraints. All existing at-grade crossings will remain.

Thank you for your understanding on this matter. If you have any questions, please call Emilio Barroga, Jr., Technical Design Services, at 692-7546. Please send any additional comments to the attention of Emilio Barroga, Jr. and reference letter number HWY-DS 2.4396 as shown above.

Very truly yours,

  
PERICLES MANTHOS  
Administrator  
Highways Division

c: Environmental Communications, Inc. ✓

BENJAMIN J. CAYTANZ  
REGISTERED



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
888 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-2097

IN REPLY REFER TO  
HWY-DS  
2.4396

June 29, 1999

Mr. G. Stephen Holaday, Plantation General Manager  
Hawaiian Commercial and Sugar Company  
P.O. Box 266  
Puunene, Hawaii 96784


Dear Mr. Holaday:

Subject: Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
Districts of Waialuku and Makawao, Island of Maui  
Project No. 37B-03-94

We are responding to your letter dated December 21, 1998 on the status of various highway projects on Maui that are of concern to HC&S. We note for your information that on Item 1 of your letter, Haleakala Highway widening to four lanes, your request for two underpasses will not be possible due to financial budget constraints. All existing at-grade crossings will remain.

Thank you for your understanding on this matter. If you have any questions, please call Emilio Barroga, Jr., Technical Design Services, at 692-7546. Please send any additional comments to the attention of Emilio Barroga, Jr. and reference letter number HWY-DS 2.4396 as shown above.

Very truly yours,

  
PERICLES MANTHOS  
Administrator  
Highways Division

c: Environmental Communications, Inc. ✓

JAN-05-89 17 06 FROM D.O. HIGHWAYS

ID 808 871 544



G. Stephen Holday  
President General Manager, HC&S  
Sr. Vice President, A&S Hawaii, Inc.

December 21, 1998

RECEIVED  
DOT-HWYS  
MAUI DISTRICT OFFICE  
1998 JAN -5 PM 3:08  
1998

Mr. Bob Siarot  
State of Hawaii, Department of Transportation  
Highways Division  
650 Palapala Drive  
Kahului, Hawaii 96732

RE: Highway Projects

Dear Mr. Siarot:

Thank you for meeting with us recently to review the status of various highway projects. HC&S is concerned about the following projects:

1. Haloakala Highway widening to four lanes: HC&S would like to have two underpasses for our large farm equipment and trucks, one at the North Firebreak Road and the other at the Keahua Road. We also need at-grade crossings for light trucks at the five major ditches that cross the highway.
2. Mokulele Highway widening to four lanes: HC&S requests one underpass for our large farm equipment and trucks near Pulehu Gulch and one at-grade crossing with traffic lights near the Wailuku Sugar Road (as proposed by the DOT).
3. Kuihelani Highway widening to four lanes: HC&S requests one at-grade truck crossing with traffic lights for our large farm equipment and trucks (located at Wailuku Sugar Road, near Waiko Road). We also need at-grade crossings at two other locations for our trucks and farm equipment to have access to the fields and the Waihee Ditch.
4. Kihqi to Upcountry Highway: HC&S opposes the Halimaile Road intersection terminus (U1), as it would isolate 1,000 acres of cane land above the highway and would require underpasses or traffic lights for the main cane hauler crossings. Route U2 would have much less impact on HC&S as it would isolate only 60 acres of cane land. Route U3 would have the least impact since it would not bisect any of our fields. The road crossing requirements would be developed once the final site has been selected.

HAWAIIAN COMMERCIAL & SUGAR COMPANY A DIVISION OF A&S HAWAII, INC.  
P.O. BOX 266 POONENE, MAUI, HAWAII 96784 TEL 808-877-0081 FAX 808-871-2140

0005

1998

5. Kahului Airport Access Highway: HC&S needs to review the latest design to determine what impact the improvements will have on our operations.

6. Honopuili Highway at North Kihei Road: HC&S will review the latest design and respond to the DOT.

In addition to the above requests, HC&S is concerned about the impact of these construction projects on our irrigation ditches, irrigation pipelines and electrical systems. The designs and construction should consider these facilities and minimize any impacts on the operation of irrigation systems at HC&S.

We must emphasize that these highway projects will cause significant adverse impact to HC&S and the traveling public, and will require adequate mitigative measures to ensure minimal disruption to HC&S' operations and the safety of the public. HC&S' ability to move equipment and irrigate crops must be preserved. We trust that these impacts and mitigation measures will be addressed in the highway designs. If you need further clarification of our concerns or recommendations, please feel free to call Randall Moore at HC&S, phone 877-6968 or John Hoxie, phone 877-6961.

We continue to welcome discussion with you and/or with your consultants on these highway projects and appreciate the opportunity to meet on these projects.

Sincerely,

  
Stephen Holaday  
Plantation General Manager

GSH:dsk

cc: M. J. Ching  
R. C. Moore  
J. W. Hoxie

STATE OF HAWAII  
STATE CAPITOL  
HONOLULU, HAWAII 96813

August 5, 1996

DESIGN BRANCH  
HIGHWAYS DIVISION  
DEPT. OF TRANSPORTATION

Mr. Hugh Ono  
Highways Administrator  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813

Dear Mr. Ono:

I would like to request the Department of Transportation reconsider any plans to install a concrete barrier as part of the widening of the Haleakala Highway from three to four lanes.

This would not be appropriate for the Upcountry area and would destroy the scenic viewpoint which the area is known for.

Thank you for your reconsideration in this matter and if you would like to discuss it further, please feel free to contact me at 586-6330.

Sincerely,

*David Morihara*

David Morihara  
State Representative  
Tenth District

DMM:sk

cc Mr. Bob Siatot

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

August 20, 1996

The Honorable David Morihara  
State Representative, 10th District  
State Capitol, Room 435  
Honolulu, Hawaii 96813

Dear Representative Morihara:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
Project No. 37B-03-94

We received your comments dated August 5, 1996, on the subject Draft Environmental Assessment (DEA) and offer the following:

You will be pleased to know that the concerns expressed to date, opposing the concrete barrier, resulted in the Highways Division taking another look at an alternative solution to traffic safety.

In view of the concerns on aesthetics and visual impacts, we are considering use of a wider landscaped median strip in lieu of the proposed concrete barrier findings will be coordinated with the various community associations, in the event prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Kazu Hayashida*

KAZU HAYASHIDA  
Director of Transportation

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13 August 1996  
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RECEIVED  
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DESIGN BRANCH  
HIGHWAYS DIVISION  
DEPT. OF TRANSPORTATION

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

August 20, 1996

The Honorable David Morihara  
State Representative, 10th District  
State Capitol, Room 435  
Honolulu, Hawaii 96813

Dear Representative Morihara:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
Project No. 37B-03-94

We received your comments dated August 5, 1996, on the subject Draft Environmental Assessment (DEA) and offer the following:

You will be pleased to know that the concerns expressed to date, opposing the concrete barrier, resulted in the Highways Division taking another look at an alternative solution to traffic safety.

In view of the concerns on aesthetics and visual impacts, we are considering use of a wider landscaped median strip in lieu of the proposed concrete barrier findings will be coordinated with the various community associations, in the event prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Kazu Hayashida*

KAZU HAYASHIDA  
Director of Transportation

LINDA CROCKETT LINGLE  
Mayor  
TELEPHONE 243-7855



OFFICE OF THE MAYOR  
COUNTY OF MAUI  
WAILUKU, MAUI, HAWAII 96793

July 26, 1996

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

Dear Mr. Hayashida:

*Kazu*

I am writing in response to the Environmental Assessment for the proposed improvement of Haleakala Highway to a four-lane highway (Project no. 37B-03-94) in order to inform you that I can not support the project as it is currently designed. I believe that the majority of our community feels the same way.

I agree that Haleakala Highway requires an additional lane to improve safety and to accommodate the increasing traffic loads.

I am not, however, in agreement on the proposed inclusion of concrete Jersey barriers in the highway's medial strip. As you know, Haleakala Highway serves Maui's rural Upcountry community. Addition of urban-scale concrete barriers on the main highway in that area will undoubtedly detract from Upcountry's scenic beauty. And Maui's beauty is a precious commodity that our community stubbornly protects.

I believe that a grassed, 30-foot wide medial strip would provide the same level of safety, under federal guidelines, without damaging the beauty of this unique place. Frankly, Kazu, this is an economic issue as well as an aesthetic one. The Jersey barrier plan, as proposed, would damage our visitor industry by degrading the environment that attracts people from around the world to visit Maui.

Kazu Hayashida, Director  
State Department of Transportation  
July 26, 1996  
Page two

I have always appreciated your sensitivity to the desires of our community, and for the community's sake I am asking you to take another approach to the need for a barrier. If you feel the need for more input on this issue, perhaps you could hold a public design information meeting, so that the affected communities will have an opportunity to tell you what they think about the proposal. Thank you for your attention to this matter. Please call me if you would like to discuss this further.

Sincerely,

LINDA CROCKETT LINGLE  
Mayor, County of Maui

cc:

Senator Joe Tanaka  
Representative David Monihara  
Council Chair Alice L. Lee  
Councilmember Sol Kahalo'ohalahala  
Madebyn D'Enbeau, Makawao Main Street Association  
Debbie Nakama, Pukalani Community Association  
Harry Matsuura, Halimalie Community Association  
Bill Myers, Kula Community Association

RECEIVED  
JUL 26 1996  
DESIGN & CONSTRUCTION  
HIGHWAY DIVISION  
DEPT. OF TRANSPORTATION



BENJAMIN J. CAYETANO  
GOVERNOR



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

KAZU HAYASHIDA  
DIRECTOR

DEPUTY DIRECTORS:  
JERRY M. MATSUDA  
GLENN M. OKIMOTO

IN REPLY REFER TO:

August 20, 1996

HWY-DS  
2.1494

The Honorable Linda Crockett Lingle, Mayor  
County of Maui  
Wailuku, Maui, Hawaii 96793

Dear Mayor Lingle:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway  
Widening, Pukalani Bypass to Hana Highway  
Project No. 37B-03-94

We received your comments dated July 26, 1996, on the subject Draft  
Environmental Assessment (DEA) and offer the following:

The nearly unanimous opposition to the use of the concrete barrier, for this project,  
prompted the Highways Division to review alternative solutions to traffic safety.

In view of the concerns on aesthetics and visual impacts, we are considering the  
use of a wider landscaped median strip in lieu of the proposed concrete barrier. Our  
findings will be coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Kazu Hayashida".

KAZU HAYASHIDA  
Director of Transportation

4. CROCKETT LINGLE  
Mayor



COUNTY OF MAUI  
PLANNING DEPARTMENT  
860 S. HIGHWAY 160  
WAILUKU, MAUI, HAWAII 96793  
July 1, 1996

DAVID W. BLANE  
Director  
OWEN CHALSH HEBLGA  
Deputy Director

BENJAMIN J. CAVALIARO  
County Engineer



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

HWT:  
2..

August 7, 1996

Mr. Herbert Tao  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813

Dear Mr. Tao:

RE: Preliminary Draft Environmental Assessment for the Proposed Haleakala Highway Widening

The Maui Planning Department has reviewed the Preliminary Draft Environmental Assessment for the subject project, and offers the following comments:

1. The drawings are too preliminary to determine if any potentially significant environmental impacts are existing;
2. The proposed project will not require a Special Management Area (SMA) permit, provided the proposed improvements remain within the existing rights-of-way; and
3. Consideration should be given to construction occurring during periods of normally low visitor counts.

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

Very truly yours,

*David W. Blane*  
DAVID W. BLANE  
Planning Director

DWB:DAS:osy  
cc: Colleen Suyama, Planning Program Manager, Land Use Management  
Don Schneider, Staff Planner  
Project File  
808-243-7735

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

Dear Mr. Blane:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway, Project No. 37B-03-94

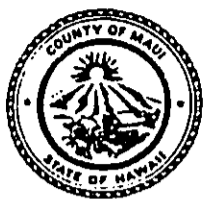
We received your comments dated July 1, 1996, on the subject Draft Environmental Assessment (DEA) and offer the following:

1. Plans, for this project, will be forwarded to your office upon resolving the DEA comments.
2. As referenced in your letter, "the proposed project will require a Special Management Area (SMA) permit, provided proposed improvements remain within the existing right-of-way." Should we decide to expand the highway right-of-way to accommodate a wider median in lieu of the proposed concrete barrier, the SMA permit requirements for the additional right-of-way will be coordinated with your office.
3. As suggested, construction of this project will be considered during periods of normally low visitor counts.

Thank you for sharing your concerns.

Very truly yours,

*David W. Blane*  
DAVID W. BLANE  
Director of Transportation



DEPARTMENT OF  
**PARKS AND RECREATION**  
COUNTY OF MAUI

1580-C Kaahumanu Avenue, Wailuku, Hawaii 96793

LINDA CROCKETT LINGLE

Mayor  
HENRY OLIVA  
Director  
ALLEN SHISHIDO  
Deputy Director

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

June 19, 1996

Mr. Fred Rodriguez  
P.O. Box 536  
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

**SUBJECT: ENVIRONMENTAL ASSESSMENT FOR PROPOSED HALEAKALA  
HIGHWAY WIDENING, PUKALANI BYPASS TO HANA HIGHWAY**

We have reviewed the *Environmental Assessment for the subject project* and are in support of it. Thank you for the opportunity to review this matter.

If you require additional information, please contact Patrick Matsui, Chief of Parks Planning and Development at 243-7387.

Sincerely,

HENRY OLIVA  
Director

PTM:nr

c: Patrick Matsui  
Willard Asato

**NO RESPONSE REQUIRED**

LINDA CROCKETT LIMBLE  
Mayor

CHARLES JENCKS  
Director

DAVID C. GOODE  
Deputy Director

AARON SHIMOTO, P.E.  
Chief Staff Engineer



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

RALPH HAGAMME, 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 HANSHARD, P.E.  
Highways Division

Solid Waste Division

Mr. Fred Rodriguez  
July 8, 1996  
Page 2

contact our Central Maui Landfill Supervisor at 877-5319 regarding suitability of this material as landfill cover.

July 8, 1996

Mr. Fred Rodriguez  
Environmental Communications  
P.O. Box 536  
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

SUBJECT: Draft Environmental Assessment  
STATE DOT-HALEAKALA HIGHWAY WIDENING  
TMK:(2) 3-8-001:Por 1, 6;3-8-003:Por 4, 5, 7;2-5-002:Por 2;  
2-5-003:Por 1, 10

We reviewed the subject application and have the following comments.

1. The environmental assessment should assess traffic impacts at all road intersections (Hali'imale Road, Old Haleakala Highway, etc.), and address the need for additional intersection improvements, such as longer acceleration/deceleration lanes, installation of traffic signal systems, and additional traffic control devices.
2. A drainage assessment shall be included in this report to address existing and new conditions after completion of this project. Erosion control plans should also be included as part of the construction plan documents.
3. A Solid Waste Management Plan should be developed for the disposal of cleared and grubbed material from the project site during construction. Please

Sincerely  
  
CHARLES JENCKS  
Director of Public Works  
and Waste Management

AS:da/rmt  
cc: Engineering Division  
Land Use and Codes Administration  
Solid Waste Division  
Wastewater Reclamation Division

g:\mz\cm\hahakal\03

BENJAMIN J. CAYETANO  
GOVERNOR



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

KAZU HAYASHIDA  
DIRECTOR

DEPUTY DIRECTORS  
JERRY M. MATSUDA  
GLENN M. OKIMOTO

IN REPLY REFER TO

July 31, 1996

HWY-DS  
2.1366

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

Dear Mr. Jencks:


Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments dated July 8, 1996, on the subject  
Draft Environmental Assessment (DEA) and offer the following:

1. The DEA will be revised to include a statement that the traffic impacts at all road intersections on Haleakala Highway, between the Pukalani Bypass and Hana Highway, will be evaluated in conjunction with this project.
2. The DEA will be revised to expand on the drainage assessment and the five irrigation crossings. The erosion control plans, as recommended, will be part of the final construction drawings.
3. For the disposal of cleared and grubbed material, from the project site, the Contractor will be responsible to make the necessary arrangements for the disposal of the material. As requested, the Contractor will be directed to coordinate the suitability of the material, as landfill cover, with your Central Maui Landfill Office.

Thank you for your timely comments.

Very truly yours,

  
KAZU HAYASHIDA  
Director of Transportation



# POLICE DEPARTMENT

COUNTY OF MAUI

LINDA CROCKETT LINGLE  
MAYOR

55 MAHALANI STREET  
WAILUKU, HAWAII 96793  
AREA CODE (808) 244-6400  
FAX NO. (808) 244-6411

OUR REFERENCE  
CATH  
YOUR REFERENCE


June 25, 1996

HOWARD H. TAGOMORI  
CHIEF OF POLICE  
THOMAS M. PHILLIPS  
DEPUTY CHIEF OF POLICE

Page 2

We thank you for your cooperation in this matter as well as other projects of n concern. If you or your staff have any questions concerning this matter, please c Charles Hirata of our Traffic Division at 244-6346.

Very truly yours,

  
HOWARD H. TAGOMORI  
Chief of Police

Mr. Herbert Tao  
State of Hawaii  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813-5097

Dear Mr. Tao:

RE: Proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
Project No. 37B-03-94

Thank you for sending a copy of the environmental assessment of the above-captioned project for review and comments.

This report was forwarded to our Traffic Section for review and comments. Our enforcement section recommends that sufficient speed limit signs be erected, giving ample notice of speed, and as reminders to motorists, to abide by area speed limits. The additional lane is sure to result in high speeds in the mauka bound lanes. The additional mauka bound lane has resulted in higher speeds and vehicles have been cited for speeds as high as 80 miles per hour heading mauka.

In order to address the problem of speeding in the makai bound lane, we would like to request that signs be erected stating "SPEED ENFORCED BY LASER". The Maui Police Department will monitor the highway upon completion of highway construction.

We would also ask that wide shoulders be constructed on straight portions of the road to accommodate DUI Checkpoints. Ideally, these areas would be confined to portions of the road with 45 mph speed limits or lower.

HWY-DS  
2.1242

July 19, 1996

Mr. Howard H. Tagomori, Chief  
Police Department  
County of Maui  
55 Mahalani Street  
Wailuku, Hawaii 96793

Dear Chief Tagomori:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

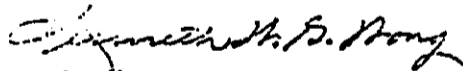
We received your comments dated June 25, 1996, on the subject  
Draft Environmental Assessment (DEA) and offer the following:

For the Maui County Police Department to enforce the speed limit  
on Haleakala Highway, adequate speed signs will be erected giving  
the motorist ample notice to abide with the posted speed. The  
number and placement of the speed limit signs; and the "SPEED  
ENFORCED BY LASER" signs that you requested will be coordinated  
with the Maui County Traffic Section.

The location of the wider shoulders to accommodate DUI  
Checkpoints will also be reviewed with the County Traffic  
Section.

Thank you for your timely comments.

Very truly yours,

  
for Hugh Y. Ono  
Administrator  
Highways Division

HTT:ht

c: HWY-DS ✓

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Mabubu Jocelyn Romero  
Demirbag

Re: *WHEWENTHONG*  
MAUI

DEPARTMENT OF  
TRANSPORTATION  
HONOLULU, HAWAII

IN REPLY REFER TO

HWY-DS  
2-1362



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

July 31, 1996

Ms. Jocelyn Romero Demirbag  
131 Pukalani Street  
Pukalani, Hawaii 96768

Dear Ms. Demirbag:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments on the subject Draft Environmental  
Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
Hugh Y. Ono  
Administrator  
Highways Division



FRED ROFFENREIZ  
ENVIRONMENTAL COMMUNICATIONS  
PO Box 536  
HAWAII HI 96724



ENVIRONMENTAL  
COMMUNICATIONS

F. J. RODRIGUEZ

July 26, 1996

Dr. Dorothy Pyle  
History Department  
Maui Community College  
310 Kaahumanu Avenue  
Kahului, HI 96793

Dear Dr. Pyle:

Subject: Draft Environmental Assessment for Proposed Haleakala  
Highway Widening, Pukalani Bypass to Hana Highway Project  
No. 37B-03-94.

We have received and reviewed your comments dated July 23, 1996 and respond in the following to the germane issues numbered 1-4. You will be pleased to note that as a result of the numerous calls and letters to the State DOT/Hwys the consideration of a Jersey barrier is being reviewed in terms of a different alternative. As stated in the Draft E.A., the decision or recommendation for the use of the Jersey barrier was predicated on traffic safety. Other possible means of achieving traffic safety without a concrete median divider will be examined.

Please accept my apologies for my use of inappropriate language during our telecon; I was unprofessional to say the least, and I do apologize.

Sincerely,



F. J. Rodriguez

cc: Mr. Herbert Tao - DOT Hwys Design

PO Box 345  
Paunohue, HI 96784  
July 23, 1996

Mr. Fred Rodriguez  
Environmental Communications  
Honolulu, Hawaii

Dear Mr. Rodriguez:

The following are my WRITTEN comments concerning the State Department of Transportation proposal to widen Haleakala Highway and add concrete barriers to the center of the highway:

1. The highway should be redone to conform to a standard divided highway with a wide center strip in the middle. There is enough right of way for this to be done (it should have been done this way about 24 years ago when the highway was realigned and repaved. It is not too late to correct all the engineering errors of past years!)
  2. Safety should be a real concern. Putting concrete barriers in the center of the highway is an invitation to disaster. Everywhere that these barriers have been put up (especially along the East Coast) they have been taken down as soon as it is feasible as they are not safe.
  3. Currently the traffic on the highway is not a real problem. The coning of the road has taken care of most of traffic in the morning and afternoon. The coning could continue while a separate two lanes of the highway are constructed so that there would eventually be a well divided four lane road with one extra lane to be used for bicycles or for emergencies.
  4. There needs to be a lot more public input into this project. Please hold at least one WELL ADVERTISED public meeting on Maui—preferably at the new King Kekaulike High School.
- I do not appreciate your patronizing and rather smug attitude on the telephone. Your comments to me and your general attempt to sidestep the issue by referring to me as "my dear" show me that you are unwilling to take public comments seriously (particularly those of women).

Sincerely,



Dorothy Pyle  
History Professor  
Maui Community College

cc: Mr. Herbert Tao, Hawaii State Department of Transportation



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

July 15, 1996

Fred Rodriguez  
Environmental Communications  
P.O. Box 536  
Honolulu, HI 96809

HWY-DS  
2.1368

July 31, 1996

Ms. Debbie Wyand  
202 Hoalike St.  
Kihei, Hawaii 96753

Dear Ms. Wyand:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments dated July 15, 1996, on the subject  
Draft Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
for  
Administrator  
Highways Division

Dear Mr. Rodriguez and Mr. Tao:

The proposed environmental assessment for the widening of Haleakala :  
should not include a concrete barrier!!!

Maui's scenic resources should be enhanced, not degraded. Concrete  
are dirty and ugly and an invitation to graffiti.

A better alternative would be a wide landscaped median with two dow:  
lanes constructed as a separate roadway. We could end up with a fl:  
plantings which would create a beautiful scenic highway.

Please reconsider and try to preserve Maui's beauty for future gene:

Sincerely,

*Debbie Wyand*  
Debbie Wyand  
202 Hoalike St.  
Kihei, HI 96753

Dear Mr. Rodriguez -  
This letter printed in  
the Maui News has such

good idea.

Please read

this and check

into it.

Don't ruin

Maui with

concrete

Please!

With Aloha -

Sally Simonds

689B Omaopio Rd.

Kula, Maui, Hi.

96790

c/o Herbert Tao.



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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION

PERMIT REFERENCE

RHWY-DS  
2.1367

July 31, 1996

Ms. Sally Simonds  
689B Omaopio Road  
Kula, Maui, Hawaii 96790

Dear Ms. Simonds:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments on the subject Draft Environmental  
Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
Hugh Y. Ono  
Administrator  
Highways Division

**Keep highway beautiful**

I would like to alert the community that we may be facing another "Five Trees" type problem.

The proposed environmental assessment for the widening of Haleakala Highway describes a plan to add one more lane to the highway, with the uphill and downhill lanes divided by a concrete Jersey barrier. The fact that this road is an important scenic resource for Maui's residents and tourism is not considered.

Maui's scenic resources should be enhanced, not degraded. Concrete Jersey barriers are ugly and ugly would be 5-mile-long invasions to graffiti. A better alternative might be a wide landscaped median with two downhill lanes constructed as a separate roadway.

Since the land along side the road is not developed, the cost of acquisition should be reasonable. The present roadway with its culverts would remain intact, sparing residents and visitors road construction delays and saving the cost of rebuilding the culverts and building the concrete Jersey barriers. The end result would be a five-lane divided highway with two downhill lanes and three uphill lanes. Eventual flowering tree planting would create a beautiful scenic highway.

Those who agree that this or some other alternative should be considered may address comments to: Fred Rodriguez, Environmental Communications, P.O. Box 536, Honolulu 96809; or Herbert Tao, State Department of Transportation, 869 Punchbowl St., Honolulu 96813. Madelyn D'Embeus Makawao

REKUMU-I CALENGO  
COM-100



VIA FAX (808) 587-2342

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

PLEASE REPLY TO

July 23, 1996

Mr. Herbert Tao  
State Department of Transportation  
869 Punchbowl St  
Honolulu HI 96813

July 31, 1996

RE. HALEAKALA HIGHWAY WIDENING PROJECT

Dear Mr. Tao.

I am a Kula resident who commutes on the Haleakala Highway daily. I beg that Maui's scenic resources be preserved by FINDING AN ALTERNATIVE TO THE PROPOSED JERSEY BARRIERS.

I would love to see a wide landscaped median strip separating the uphill and downhill lanes.

Please, please help us to find an alternative to the jersey barriers!

Sincerely,

*Karen Jones*

Karen Jones  
523C Kimo Drive  
Kula HI 96790  
(808) 576-2461

*Wawa Quana*

Ms. Karen Jones  
523C Kimo Drive  
Kula, Hawaii 96790

Dear Ms. Jones:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments dated July 23, 1996, on the subject  
Draft Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
for  
Administrator  
Highways Division



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

REPLY TO  
GENERAL OFFICE

IN REPLY REFER TO

HWY-DS  
2.1363

Peter W. Meagher  
119 Ka Drive  
Kula, HI 96790

July 12, 1996

MEMO TO: State Dept. of Transportation  
FROM: Peter W. Meagher  
RE: Haleakala Highway widening and median barriers

Well, your engineering section has struck yet another blow to further destroy the "country aura" of Maui's Upcountry area!

Last year you stuck us with unnecessary, unsightly and downright dangerously installed guardrails on the Kula Highway. Now, for this year, I understand you are going to further blight our area with upright concrete highway dividers on the highway widening from Hana Highway to Haleakala.

Give us a break! Can't you hire anyone who has a sense of aesthetic values? Maui Upcountry is renowned for its rural and agricultural essence and you want to inflict on us urban design schemes that must have as a motivation of economy, efficiency or safety. How about placing beauty on an even footing with the other criteria?

Medial strips that are planted are more expensive to maintain. We understand that! However, people do not come from around the world to look at what can be seen in downtown Tokyo, Los Angeles, or, for that matter, the H-1 in Honolulu.

Take the time and design something for our state that is not just another concrete ribbon that will only detract from some of the most breathtaking scenery on earth.

Aloha,  
  
Peter W. Meagher

July 31, 1996

Mr. Peter W. Meagher  
119 Ka Drive  
Kula, Hawaii 96790

Dear Mr. Meagher:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway, Project No. 37B-03-94

We received your comments dated July 12, 1996, on the subject Draft Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala Highway corridor is shared by many of the residents of Upcountry Maui. In view of the concerns on aesthetics and visual impacts, we are considering the use of a wider landscaped median strip in lieu of the proposed concrete barrier. Our findings will be coordinated with the various community associations, in the area, prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

Hugh Y. Ono  
Administrator  
Highways Division

Richard Joseph Lafond Jr.  
50 Poha Place, Pukalani, Hawaii 96768

July 22, 1996

State Dept. of Transportation  
489 Punchbowl Street  
Honolulu, Hawaii 96813

Re: Proposed Haleakala Highway Widening Environmental Assessment

To Whom It May Concern:

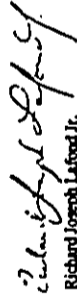
Your proposal for widening of the highway can be likened to pig-bumming with nuclear weapons — overkill both gross and unnecessary. I object entirely to the plan for a concrete Jersey barrier to divide the highway, and I do not support or accept any reasoning, whether economic or safety-oriented, for such a design. As a resident of Pukalani who travels the road daily commuting to/from work, I would rather the highway remain in its present three lane condition than have a 4-lane highway with a Jersey barrier.

I earnestly request that you design and construct a four-lane Haleakala Highway with a wide landscaped median, similar to those found in Europe where public works professionals benefit from wisdom accumulated along centuries of experience. Do you have to make one horrible mistake after another, mimicking the worst simplicity of the urban world, or could you perhaps look about the wide-world and replicate what is working elsewhere?

I have heard that the federal funding for four-lane divided highways requires design and implementation of Jersey barriers. It does not matter to me where the funding is coming from, in what amounts, what conditions it comes with, and how it could be lost. I would rather the State let the federal funding go elsewhere than see it wasted in this shameful manner. Jersey barriers dividing the Haleakala Highway, or any Maui highway, would diminish our quality of life, compromise the visitor experience, further alienate our society, rob people of their responsibility to themselves and others, and ruin one of the best vistas in the entire State.

Please create a new plan that appropriately serves the unique qualities of our natural community. And please add me to your list of consulted parties for this project.

Sincerely,

  
Richard Joseph Lafond Jr.

cc: Herbert Tao, Environmental Communications



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

September 12, 1996

Mr. Richard J. Lafond Jr.  
50 Poha Place  
Pukalani, Hawaii 96768

Dear Mr. Lafond:

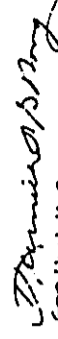
Subject: Draft Environmental Assessment for the proposed Haleakala Highway  
Widening, Pukalani Bypass to Hana Highway, Project No. 37B-03-94

We received your comments on the subject draft Environmental Assessment (EA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala Highway corridor is shared by many of the residents of Maui. In view of the concerns on aesthetics and visual impacts, we are considering the use of a wider median strip in lieu of the proposed concrete barrier. Our findings will be coordinated with the various community associations in the area, prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

  
Hugh Y. Ono  
Administrator  
Highways Division

DEPARTMENT OF TRANSPORTATION  
859 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-5097

WORK ORDER NO.  
HWY-DS  
2.1856

DEPARTMENT OF THE ARMY  
PACIFIC OCEAN DIVISION, CORPS OF ENGINEERS  
FORT SHAFTER, HAWAII 96858-5440

June 13, 1996

Planning and Operations Division

Mr. Fred Rodriguez  
Environmental Communications  
P.O. Box 536  
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

Thank you for the opportunity to review and comment on the Preliminary Draft Environmental Assessment for the Proposed Haleakala Highway Widening Project, Waialuku, Maui, Hawaii. The following comments are provided pursuant to Corps of Engineers authorities to disseminate flood hazard information under the Flood Control Act of 1960 and to issue Department of the Army (DA) permits under the Clean Water Act; the Rivers and Harbors Act of 1899; and the Marine Protection, Research and Sanctuaries Act:

- a. Based on the information provided, a DA permit will not be required for the project (file no. 960000246).
- b. The flood information provided on page I-13 of the report is correct.

Sincerely,

  
Paul Mizue, P.E.  
Acting Chief, Planning  
and Operations Division



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

June 27, 1996

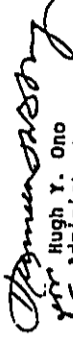
Mr. Paul Mizue, P.E.  
Acting Chief, Planning and Operations Division  
Department of the Army  
Pacific Ocean Division  
Corps of Engineers  
Fort Shafter, Hawaii  
96858-5440

Dear Mr. Mizue:

Subject: Draft Environmental Assessment (DEA) for Haleakala Highway Widening, Pukalani Bypass to Mana Highway Project No. 37B-03-94

Thank you for your comments dated June 13, 1996 confirming that a Department of the Army (DA) permit for this project is not required and that the flood information provided in the EA document is correct.

Very truly yours

  
Hugh Y. Ono  
Administrator  
Highways Division



United States Department of the Interior

FISH AND WILDLIFE SERVICE  
PACIFIC ISLANDS ECOREGION  
300 ALA MOANA BOULEVARD, ROOM 3108  
BOX 50088  
HONOLULU, HAWAII 96850  
PHONE: (808) 541-3441 FAX: (808) 541-3470

In Reply Refer To: JMB

JUL 18 1996

Mr. Herbert Tao  
Department of Transportation  
Highway-DS  
869 Punchbowl Street  
Honolulu, HI 96813

Re: Preliminary Draft Environmental Assessment, Project 37B-03-94, Proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway, Maui, Hawaii.

Dear Mr. Tao:

The U.S. Fish and Wildlife Service (Service) has reviewed the preliminary Draft Environmental Assessment (DEA) for the Proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway. The project sponsor is the State of Hawaii Department of Transportation. The Service offers the following comments for your consideration.

The purpose of the project is to add a fourth lane to the highway to accommodate increased traffic. The additional lane, 5.5 miles long, would be constructed within the existing right-of-way and on adjoining agricultural lands. Five irrigation ditches would be crossed and their culverts modified to accommodate the lane addition. The Service believes that the proposed project is not likely to adversely affect any threatened or endangered species or their habitats. All affected lands have a long history of disturbance and do not support native species of concern to the Service. The Service, therefore, does not require further notification or consultation on the project.

The Service appreciates the opportunity to provide comments on the DEA. If you have questions regarding these comments, please contact Fish and Wildlife Biologist Jeff Burgett at (808) 541-3441.

Sincerely,

Brooks Harper  
Field Supervisor  
Ecological Services

**NO RESPONSE REQUIRED**





United States  
Department of  
Agriculture

Natural  
Resources  
Conservation  
Service

P. O. Box 50004  
Honolulu, HI  
96850-0001

June 24, 1996

Mr. Herbert Tao  
State Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813

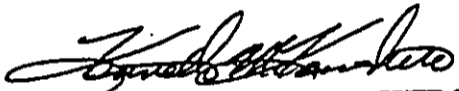
Dear Mr. Tao:

Subject: Proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway,  
Wailuku, Maui, Hawaii

We have reviewed the above-mentioned document and have no comments to offer at this time.

We thank you for the opportunity to review this document.

Sincerely,

  
KENNETH M. KANESHIRO  
State Conservationist

cc:

✓ Mr. Fred Rodriguez, Environmental Communications, P.O. Box 536, Honolulu, HI 96809

**NO RESPONSE REQUIRED**

The Natural Resources Conservation Service  
formerly the Soil Conservation Service, works  
hand-in-hand with the American people to  
conserve natural resources on private lands.

AN EQUAL OPPORTUNITY EMPLOYER

BENJAMIN J. CAYETANO  
GOVERNOR



SAM CALLEJO  
COMPTROLLER

MARY PATRICIA WATERHOUSE  
DEPUTY COMPTROLLER

STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P. O. BOX 118, HONOLULU, HAWAII 96810

LETTER NO (P) 1409.6

JUL 3 1996

Environmental Communications  
P. O. Box 536  
Honolulu, Hawaii 96809

Attention: Mr. Fred Rodriguez

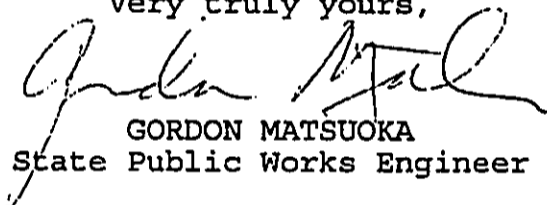
Gentlemen:

Subject: Proposed Haleakala Highway Widening  
Pukalani Bypass to Hana Highway  
Wailuku, Maui, Hawaii  
Draft Environmental Assessment

Thank you for the opportunity to review the subject document. The proposed project will have no impact on our facilities. Therefore, we have no comments to offer.

If there are any questions, please have your staff contact Mr. Ralph Yukumoto of the Planning Branch at 586-0488.

Very truly yours,

  
GORDON MATSUOKA  
State Public Works Engineer

RY:jk  
cc: Mr. Herbert Tao

**NO RESPONSE REQUIRED**

JUL 8 1996

ENJAMIN J. CAYETANO  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF DEFENSE  
OFFICE OF THE ADJUTANT GENERAL  
3949 DIAMOND HEAD ROAD, HONOLULU, HAWAII 96818-4495

EDWARD V. RICHARDSON  
MAJOR GENERAL  
ADJUTANT GENERAL

MICHAEL E. RAWLINS  
COLONEL  
DEPUTY ADJUTANT GENERAL

June 25, 1996

Engineering Office

Mr. Herbert Tao  
State of Hawaii  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813

Dear Mr. Tao:

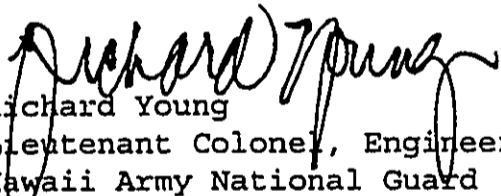
Subject: Proposed Haleakala Highway Widening, Pukalani  
Bypass to Hana Highway

Thank you for the opportunity to review the subject  
project's Preliminary Draft Environmental Assessment.

The project has no negative impact on our department. The  
road widening will enhance travel to Kanaio training area.

If there are any questions, please have your staff contact  
Major Ron Swafford, Environmental Protection Specialist, at  
733-4214.

Sincerely,

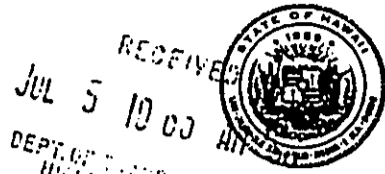
  
Richard Young  
Lieutenant Colonel, Engineer  
Hawaii Army National Guard  
Facility Management Officer

**NO RESPONSE REQUIRED**

 NATIONAL GUARD  
Americans At Their Best.

Benjamin J. Cayetano  
GOVERNOR

HERMAN M. AIZAWA, PH.D.  
SUPERINTENDENT



RECEIVED

'96 JUL -5 AM 1:19


STATE OF HAWAII  
DEPARTMENT OF EDUCATION DESIGN BRANCH  
HIGHWAYS DIVISION  
DEPT. OF TRANSPORTATION  
P. O. BOX 2360  
HONOLULU, HAWAII 96804

OFFICE OF THE SUPERINTENDENT

July 1, 1996

MEMO TO: Honorable Kazu Hayashida, Director  
Department of Transportation

A T T N: Mr. Herbert Tao, Engineer  
Highways Division, DOT

F R O M:  Herman M. Aizawa, Ph.D., Superintendent  
Department of Education

SUBJECT: Preliminary Draft Environmental Assessment for  
Proposed Haleakala Highway Widening,  
Pukalani ByPass to Hana Highway; Wailuku, Maui

We have reviewed the subject assessment and have determined that the proposed highway widening will have no significant impact on the schools in the area.

Thank you for the opportunity to comment.

HMA:AH:hy

cc: A. Suga, OBS  
R. Murakami, MDO

**NO RESPONSE REQUIRED**

AN AFFIRMATIVE ACTION AND EQUAL OPPORTUNITY EMPLOYER



STATE OF HAWAII  
OFFICE OF HAWAIIAN AFFAIRS  
711 KAPI'OLANI BOULEVARD, SUITE 500  
HONOLULU, HAWAII 96813-5249  
PHONE (808) 594-1888  
FAX (808) 594-1885

June 07, 1996

State Department of Transportation  
Attn: Mr. Herbert Tao  
869 Punchbowl Street  
Honolulu, HI 96813

Dear Mr. Tao:

Thank you for the opportunity to review the Draft Environmental Assessment (DEA) for the Proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway, Island of Maui. The Department of Transportation proposes to design and build an additional lane and divided medial strip with a concrete Jersey barrier on Highway 37 from the Pukalani Bypass to Hana Highway to improve overall traffic and safety.

After a careful review of the DEA and supporting documentation, the Office of Hawaiian Affairs has no objections to the proposed road improvements. Based on the information contained in the DEA, the road improvements apparently bear no significant long-term adverse impacts on adjacent ecosystems nor upon existing urban and rural settlements. Furthermore, no known archaeological remains exist and the proposed improvements will neither significantly affect scenic resources nor air quality or noise level. Please contact me, or Linda K. Delaney, the Land and Natural Resources Division Officer (594-1938), or Luis A. Manrique (594-1755), should you have any questions on this matter.

Sincerely yours,

*Linda M. Colburn*  
Linda M. Colburn  
Administrator

LM:lm

**NO RESPONSE REQUIRED**

BENJAMIN J. CAYETANO  
GOVERNOR OF HAWAII



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  
GILBERT 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

July 23, 1998

Mr. F. J. Rodriguez  
Environmental Communications  
81 South Hotel Street, Suite 211  
PO Box 536  
Honolulu, Hawaii 96809

LOG NO: 21842 ✓  
DOC NO: 9807BD20

Dear Mr. Rodriguez:

**SUBJECT: Chapter 6E-8 Historic Preservation Review of the Proposed Haleakala  
Highway Widening Project  
Hoku'ula Ahupua'a, Wailuku and Makawao Districts, Island of Maui  
TMK 2-5 / 3-8**

This letter is a Historic Preservation review of the proposed Haleakala Highway widening project located in Hoku'ula Ahupua'a. 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.

Our office reviewed the initial widening project (SHPD DOC NO: 9602KD06) in which we noted the previous location of the historic plantation Upper Village 3 approximately .4 miles east of Hana Highway on the north side of Haleakala Highway. The subject property also appears likely to have been the location of pre-Contact farming and perhaps habitation. More recent mechanized agriculture and highway construction has since altered the landscape, making it unlikely that any significant historic sites remain.

We therefore find the proposed undertaking to have "no effect" on historic sites. In the event that 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 or archaeologist should immediately contact the State Historic Preservation Division office in Wailuku.

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

Aloha

A handwritten signature in black ink, appearing to read "Don Hibbard".

DON HIBBARD, Administrator  
State Historic Preservation Division

BD:jen

cc. Lisa Nuyen, Maui County Planning Department (fax: 243-7634)  
Ralph Nagamine, Maui County Department of Public Works (fax: 243-7972)



STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

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

ADULTERABLE DEVELOPMENT PROGRAM  
AGRICULTURAL RESOURCES CONSERVATION AND  
COMMERCIAL, HISTORIC RESOURCES AND  
CONSERVATION AND FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION LAND MANAGEMENT  
STATE PARKS WATER AND LAND DEVELOPMENT

June 27, 1996

MEMORANDUM

LOG NO: 17287  
DOC NO: 9606KD28

TO: Dean Y. Uchida, Administrator  
Land Division  
FROM: *Don Hibbard*  
Don Hibbard, Administrator  
State Historic Preservation Division

SUBJECT: Historic Preservation Review of a Draft Environmental Assessment - Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
Waialuku and Makawao Districts, Maui (Project No. 378-03-94)  
TRK: 3-3-91.03: 2-5-92.03 (File No. EM-96-015)

The Haleakala Highway widening project will add a second traffic lane to the Kahului-bound side of Haleakala Highway between Pukalani and Hana Highway. The draft Environmental Assessment (DEA) or this project states on page 1-12 that "In correspondence dated February 9, 1996, the SHPO issued a determination of 'No effect' on historic sites within the construction area to the proposed project."

This statement should be revised to more fully reflect the comments of our February 9 letter, which is attached to the DEA (Exhibit A). In the prior review of the proposed project, we indicated that the project could potentially impact subsurface deposits associated with Upper Village 3, a permanent village area which was located adjacent to the old corridor of Haleakala Highway. At the time of our review, the Department of Transportation was not certain whether additional lands would need to be acquired along the lower portion of the project area, in the vicinity of Upper Village 3. The DEA states that "Taking of minimal non-government lands may be necessary..." (page 1-5).

If the project is to include the taking of additional lands along the existing corridor in the area of Upper Village 3, and if construction in this area will involve cutting below the plowzone of the cane lands, then there is a possibility that historic features associated with the former village will be impacted. At this time, there has been no subsurface testing of the village area, which is under sugar cane cultivation.

The DEA should consider the possibility that there may be impacts to historic features, should the area of Upper Village 3 be included within the construction corridor.

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

KD/jen

cc: Herbert Tao, Department of Transportation  
Fred Rodriguez, P.O. Box 536, Honolulu, Hawaii 96809



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
885 FURCHBONVILLE STREET  
HONOLULU, HAWAII 96813-5097

July 19, 1996

TO: DON HIBBARD, ADMINISTRATOR  
STATE HISTORIC PRESERVATION DIVISION  
FROM: HUGH Y. ONO, ADMINISTRATOR  
HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR THE HALEAKALA HIGHWAY WIDENING, PUKALANI BYPASS TO HANA HIGHWAY, PROJECT NO. 378-03-94

We received your comments dated June 27, 1996 on the Draft Environmental Assessment (DEA) and offer the following:

The DEA will be revised to more fully reflect the comments of your February 9, 1996 letter by adding the statement "If the project is to include the taking of additional lands along the existing Haleakala Highway corridor, in the area of Upper Village 3, there is a possibility that historic features associated with the former village will be impacted."

Your timely comments are appreciated.

REPORT PREPARED BY  
STATE HISTORIC PRESERVATION DIVISION  
OFFICE OF CULTURAL RESOURCES

FOR REPLY REFER TO:

HWY-DS  
2.1252

# CORRECTION

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



BENJAMIN J. CAYETANO  
GOVERNOR OF HAWAII



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  
GILBERT 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

July 23, 1998

Mr. F. J. Rodriguez  
Environmental Communications  
81 South Hotel Street, Suite 211  
PO Box 536  
Honolulu, Hawaii 96809

LOG NO: 21842 ✓  
DOC NO: 9807BD20

Dear Mr. Rodriguez:

**SUBJECT: Chapter 6E-8 Historic Preservation Review of the Proposed Haleakala Highway Widening Project  
Hoku'ula Ahupua'a, Wailuku and Makawao Districts, Island of Maui  
TMK 2-5 / 3-8**

This letter is a Historic Preservation review of the proposed Haleakala Highway widening project located in Hoku'ula Ahupua'a. 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.

Our office reviewed the initial widening project (SHPD DOC NO: 9602KD06) in which we noted the previous location of the historic plantation Upper Village 3 approximately .4 miles east of Hana Highway on the north side of Haleakala Highway. The subject property also appears likely to have been the location of pre-Contact farming and perhaps habitation. More recent mechanized agriculture and highway construction has since altered the landscape, making it unlikely that any significant historic sites remain.

We therefore find the proposed undertaking to have "no effect" on historic sites. In the event that 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 or archaeologist should immediately contact the State Historic Preservation Division office in Wailuku.

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

Aloha

A handwritten signature in black ink, appearing to read "Don Hibbard".

DON HIBBARD, Administrator  
State Historic Preservation Division

BD:jen

cc Lisa Nuyen, Maui County Planning Department (fax: 243-7634)  
Ralph Nagamine, Maui County Department of Public Works (fax: 243-7972)



STATE OF HAWAII  
 DEPARTMENT OF LAND AND NATURAL RESOURCES  
 STATE HISTORIC PRESERVATION DIVISION  
 33 SOUTH KING STREET, 6TH FLOOR  
 HONOLULU, HAWAII 96813

AQUACULTURE DEVELOPMENT PROGRAM  
 AQUATIC RESOURCES CONSERVATION AND  
 DEVELOPMENTAL AFFAIRS  
 CONSERVATION AND RESOURCE DEVELOPMENT  
 CERTIFICATE  
 FORESTRY AND WILDLIFE RESTORATION  
 DIVISION  
 LAND MANAGEMENT  
 STATE PARKS  
 WATER AND LAND DEVELOPMENT

June 27, 1996

**MEMORANDUM**

**TO:** Dean Y. Uchida, Administrator  
 Land Division

**FROM:** Don Hibbard, Administrator  
 State Historic Preservation Division

**SUBJECT:** Historic Preservation Review of a Draft Environmental Assessment - Haleakala Highway Widening, Pukalani Bypass to Hana Highway  
 Wailuku and Makawao Districts, Maui (Project No. 37B-03-94)  
 TMK: 3-3-01-03: 2-5-02-03 (File No. PM-96-015)

LOG NO: 17287  
 DOC NO: 9606KD28

The Haleakala Highway widening project will add a second traffic lane to the Kahului-bound side of Haleakala Highway between Pukalani and Hana Highway. The draft Environmental Assessment (DEA) for this project states on page 1-12 that "In correspondence dated February 9, 1996, the SHPO issued a determination of 'No effect' on historic sites within the construction area to the proposed project."

This statement should be revised to more fully reflect the comments of our February 9 letter, which is attached to the DEA (Exhibit A). In the prior review of the proposed project, we indicated that the project could potentially impact subsurface deposits associated with Upper Village 3, a permanent village area which was located adjacent to the old corridor of Haleakala Highway. At the time of our review, the Department of Transportation was not certain whether additional lands would need to be acquired along the lower portion of the project area, in the vicinity of Upper Village 3. The DEA states that "Taking of minimal non-government lands may be necessary..." (page 1-5).

If the project is to include the taking of additional lands along the existing corridor in the area of Upper Village 3, and if construction in this area will involve cutting below the plowzone of the cane lands, then there is a possibility that historic features associated with the former village will be impacted. At this time, there has been no subsurface testing of the village area, which is under sugar cane cultivation.

The DEA should consider the possibility that there may be impacts to historic features, should the area of Upper Village 3 be included within the construction corridor.

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

KD:jen

c: Herbert Tao, Department of Transportation  
 Fred Rodriguez, P.O. Box 536, Honolulu, Hawaii 96809



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

July 19, 1996

**TO:** DON HIBBARD, ADMINISTRATOR  
 STATE HISTORIC PRESERVATION DIVISION

**FROM:** HUGH Y. ONO, ADMINISTRATOR  
 HIGHWAYS DIVISION

**SUBJECT:** DRAFT ENVIRONMENTAL ASSESSMENT FOR THE HALEAKALA HIGHWAY WIDENING, PUKALANI BYPASS TO HANA HIGHWAY, PROJECT NO. 37B-03-94

We received your comments dated June 27, 1996 on the Draft Environmental Assessment (DEA) and offer the following:

The DEA will be revised to more fully reflect the comments of your February 9, 1996 letter by adding the statement "If the project is to include the taking of additional lands along the existing Haleakala Highway corridor, in the area of Upper Village 3, there is a possibility that historic features associated with the former village will be impacted."

Your timely comments are appreciated.

LEIPIKALU  
 HAWAIIAN  
 KALELEU  
 HAWAIIAN

REPLY REFER

HWY-DS  
 2.1252

BENJAMIN L. CAVEIANO  
DIRECTOR



STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

270 SOUTH KING STREET  
FOURTH FLOOR  
HONOLULU, HAWAII 96813  
TELEPHONE: 535-1111  
FACSIMILE: 535-1116

July 22, 1996

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

Dear Mr. Hayashida:

Subject: Draft Environmental Assessment for the Proposed Haleakala  
Highway Widening, Pukalani Bypass to Hana Highway, Maui.

Thank you for the opportunity to review the subject document. We have  
the following questions and comments.

1. Please provide a figure showing typical road sections for the  
proposed highway improvements.
2. Please indicate whether facilities for bicycle travel will be  
provided. How do these facilities compare with the Bike Plan  
Hawaii, April 1994.
3. Please indicate whether the proposed improvements would  
require changes to existing intersections or traffic control  
devices along the highway corridor. If so, please describe  
the proposed changes.
4. Please describe if highway access would be altered. Will  
there be any new access to the highway? If so, please  
describe the purpose for any new access.
5. Please provide an estimate for the cost of implementing this  
project.
6. Please provide a tentative schedule for implementing this  
project.
7. What are the existing and future (with and without  
improvements) levels of service during peak periods along this  
highway corridor?

GARY GILL  
DIRECTOR

Mr. Hayashida  
July 22, 1996  
Page 2

8. Please describe how the proposed widening may affect future  
land use along the highway corridor.
9. Please describe how the proposed project would affect drainage  
patterns along the highway corridor.
10. Please provide reasons for supporting the determination based  
on an analysis of the significance criteria in section 11-200.  
12 of the Hawaii Environmental Impact Statement Rules. Refer  
to section D of the enclosed sample as a guideline.

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

Sincerely,

Gary Gill  
Director

Enclosure

c: Environmental Communications



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

August 19, 1996

KAUAI, HAWAII  
2-1503  
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
869 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-5097

MAHELE KUMU

HWY-DS  
2.1503

GARY GILL, DIRECTOR  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
*Gary Gill*  
KAZU HAYASHIDA, DIRECTOR  
DEPARTMENT OF TRANSPORTATION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED  
HALEAKALA HIGHWAY WIDENING, PUKALANI BYPASS TO HANA  
HIGHWAY, PROJECT NO. 37B-03-94

I received your comments dated July 22, 1996, on the subject Draft  
Environmental Assessment (DEA) and offer the following:

The roadway typical sections will be provided your office, as requested, upon  
resolving the comments received on the Draft Environmental Assessment.

Facilities for bicycle travel will be provided on the shoulders of this widening  
project as proposed in the Bike Plan Hawaii, dated April 1994.

The changes to existing intersections or traffic control devices on Haleakala  
Highway, between Pukalani Bypass and Hana Highway, will be evaluated in  
conjunction with this project.

No new access points are being considered at this time.

The estimated amount of \$15,000,000.00 is necessary to implement this  
project.

It is anticipated that the construction of this project will begin late summer of  
1997 with completion in 24 months.

With the improvements, the level of service (LOS) will improve from F to  
C during peak hour periods.

Mr. Gary Gill  
Page 2

HWY-DS  
2.1503

8. The additional lane added to Haleakala Highway, to reduce congestion, could promote land use changes along the highway corridor in the future. Any changes to land use will require Land Use District Boundary Amendments, County Zoning changes, and other land use policy revisions.
9. The drainage patterns along the Haleakala Highway corridor will remain unchanged with no new drainage crossings.
10. Final determination that will support a Findings of No Significant Impact (FONSI) will be submitted at a later date.

Thank you for your timely comments. Should you have any question, please contact Mr. Herbert Tao of the Highways Division at 587-2124.



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
869 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-5087

REPLY TO:  
JERRY M. WATSON  
GLENN CHAOIS

WE REPLY REFER TO

HWY-DS  
2-0941

June 28, 1996

Mr. Alan Kaufman, President  
Kula Community Association  
P.O. Box 417  
Kula, Maui, Hawaii  
96790

Dear Mr. Kaufman:

Subject: Draft Environmental Assessment (DEA) for Haleakala  
Highway Widening, Pukalani Bypass to Hana Highway  
Project No. 37B-03-94

We received your comments dated June 12, 1996 for the subject  
Haleakala Highway Widening project and offer the following:

1. The support of this project by your association is noted and appreciated. As suggested, we are considering the use of a wider landscaped median strip in lieu of the proposed Jersey Barrier. Our findings will be coordinated with your association and the preliminary plans made available for review prior to finalizing the construction drawings.
2. The Department shares your community's interest and concern over the proposed Halimale intersection, especially in light of future plans for development in the area.
3. Endangered species that are growing next to the existing highway in the Pukalani area, that requires transplanting, will be coordinated with your association as well as other governing agencies.

Thank you again for your prompt and thorough review.

Very truly yours,

Hugh Y. Ono  
Administrator  
Highways Division

Kula Community Association  
P.O. Box 417  
Kula, Maui, Hawaii 96790

"The specific purpose of this corporation is to improve the quality of life for the residents of Kula, to promote civic welfare and generally to benefit the community of Kula."

12 June 1996

Mr. Fred Rodriguez  
Environmental Communications  
P.O. Box 536  
Honolulu, HI 96809

Dear Mr. Rodriguez:

At its June 6 meeting the Kula Community Association Board of Directors discussed the Preliminary Draft Environmental Assessment on the widening of the Haleakala Highway project. We appreciate having had the opportunity to review the plan and offer the following comments and suggestions:

We strongly support the widening of the highway to relieve traffic congestion and to increase safety. Our Board also recognizes the safety aspects of the Jersey Barrier but at the same time questions whether the same benefits might be obtained through a wider, landscaped median strip. One of our Board members, Charlie Maxwell, mentioned Naupaka as a native shrub with the potential of providing some of the same safety benefits as the Jersey Barrier.

Our Board also remains concerned about the Halimale intersection, in light of the uncertainty of the plans for the Kihet-Upcountry Highway and proposed development for the area.

Mr. Maxwell expressed concern about endangered species that are growing next to the existing highway in the Pukalani area. He will review the plans with Mr. Siatot to determine whether the plants will be disturbed.

Thank you again for allowing us to review this Environmental Assessment document. Please do not hesitate to contact me if you would like additional information on our Board's discussion.

Sincerely,

Alan Kaufman, President

JUN 17 1996



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

HWY-DS  
2.1488

BENJAMIN J. CAYETANO  
GOVERNOR

304 Paani Place  
Paia, HI 96779

August 7, 1996

Mr. Herbert Tao  
State Department of Transportation  
859 Punchbowl Street  
Honolulu, HI 96813

Thank you for taking the time to discuss the Haleakala Highway expansion/ Jersey Barrier situation recently. Here is a copy of the Outdoor Circle newsletter story about the recent passage of the Underground Wiring Bill.

Since the Haleakala Highway is a major thoroughfare for residents and visitors alike, it would benefit all of us if the DOT and Maui groups such as Outdoor Circle and the County Arborist Committee could work with the community to create the best possible design, for safety AND beauty!

Would it be possible to combine an attractive, planted median with a safety barrier? Such a creative solution would turn this into the Haleakala PARKWAY....featuring a MAUI BARRIER!

I would be happy to facilitate any public meetings or communication between the Outdoor Circle Maui Branch, the Arborist Committee, and others interested in making this project successful on all counts.

Please don't hesitate to phone me at (808) 871-4654 if you wish more information. Mahalo!

*Barbara Long*  
Barbara Long

**CONGRATULATIONS!!**  
**Underground Wiring Bill Passes 1996 Legislative Session**

On Thursday, June 6, 1996, Governor Ben Cayetano signed SB 2999 into law. This Bill, now a part of Hawaii's Revised Statutes, is called Act 84. It mandates that utility facilities on federal-aid highway projects be placed underground. The thrust of SB 2999 is to provide for aesthetically pleasing highways. The bill acknowledges that utility poles detract the public views, unsightly, and present safety highway conditions. Act 84 requires underground utility facilities in the design, reconstruction, or reconstruction of new existing highway projects that receive federal

three years ago was vetoed by the Governor last year. Senators Carol Fukunaga and Les Ihara, understanding the long-term benefits of the bill, introduced this year's version. SB 2999 received broad-based support from organizations such as the State Department of Transportation, Hawaiian Electric Company and The Outdoor Circle. President Carolyn Itcinrich attended the official bill signing at the Capitol and said, "The signing of this bill shows a commitment from the State that they like The Outdoor Circle, are interested in beautifying Hawaii's roadways."

Our organization will continue to

August 12, 1996

Ms. Barbara Long  
304 Paani Place  
Paia, Hawaii 96779

Dear Ms. Long:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway Widening, Pukalani Bypass to Hana Highway Project No. 37B-03-94

We received your comments dated August 7, 1996, on the subject Draft Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala Highway corridor is shared by many of the residents of Maui. In view of the concerns on aesthetic and visual impacts, we are considering the use of a wider landscaped median strip in lieu of the proposed concrete barrier. Our findings will be coordinated with the various community associations, in the area, prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
Hugh Y. Ono  
Administrator  
Highways Division

BENJAMIN A. JOHNSON  
GOVERNOR



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

July 30, 1996

Ms. Virginia Gardner  
234A Holomakani Street  
Kula, Hawaii 96790

Dear Ms. Gardner:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 378-03-94

We received your comments on the subject: Draft Environmental  
Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
Hugh Y. Ono  
Administrator  
Highways Division

USA 20

Fred Rodriguez  
Environmental Communicator  
P.O. Box 536  
Honolulu, Hi. 96809

*Please consider an alternative to a  
concrete jersey barrier on side of Hwy in  
Maui. Several dividers used there, for example  
On our lovely islands aesthetics are  
important.*

*Virginia Gardner  
Kula*

MAJORITY-04  
DIRECTOR  
SAC/CLERK  
CLEANUP DIVISION

REPLY REFER TO

HWY-DS  
2-1361

2018-07-09



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

PAUL M. GARDNER  
SARAH CALLEZO  
21 EMMY DEMEOLO

REPLY REFER TO

HWY-DS  
2.1360

July 30, 1996

Ms. Madelyn D'Enbeau  
P.O. Box 1869  
Makawao, Hawaii 96768

Dear Ms. D'Enbeau:

Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments on the subject Draft Environmental  
Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

*Hugh Y. Ono*  
Hugh Y. Ono  
Administrator  
Highways Division

Environmental Communications  
P.O. Box 536  
Honolulu, HI 96809

Re: Preliminary Draft E.A. Haleakala Highway Widening

The proposed Environmental Assessment for the widening of the Haleakala Highway, Pukalani, Maui should address the social and economic importance of the natural beauty of the highway corridor which meanders through sugar and pineapple fields with breathtaking views of Haleakala, the ocean and West Maui mountains. The only route to Haleakala, this road is an important scenic resource for Maui's residents and tourists.

Maui's scenic resources should be enhanced not degraded. Concrete Jersey barriers are ugly and would be a five mile long invitation to graffiti. A better alternative would be a wide landscaped median with two down lanes constructed as a separate roadway. This alternative should be considered.

Since the land alongside the road is not developed, the cost of acquisition would be reasonable. The present roadway with its culverts would remain intact, sparing residents and visitors road construction delays and saving the cost of redoing the culverts and building the Jersey barriers. The result would be a five lane divided highway with two down hill lanes or three uphill lanes. Eventual flowering tree planting would create a beautiful scenic highway.

Thank you for the opportunity to comment. Please consider this alternative to the road widening.

Sincerely,  
*Madelyn D'Enbeau*  
Madelyn D'Enbeau  
P.O. Box 1869  
Makawao HI 96768

JUL 9



BENJAMIN J. CAYETANO  
GOVERNOR



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

KAZU HAYASHIDA  
DIRECTOR

DEPUTY DIRECTORS  
JERRY M. MATSUDA  
GLENN M. OKIMOTO

IN REPLY REFER TO:

HWY-DS  
2.1664

August 30, 1996

The Honorable Alice L. Lee  
County Council Chair  
County of Maui  
200 S. High Street  
Wailuku, Hawaii 96793

Dear Chair Lee:

Subject: Draft Environmental Assessment for the proposed Haleakala Highway  
Widening, Pukalani Bypass to Hana Highway, Project No. 37B-03-94

We received your comments dated August 14, 1996, on the subject Draft  
Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala Highway corridor  
is shared by many of the residents of Maui. In view of the concerns on aesthetics  
and visual impacts, we are considering the use of a wider grassed median strip in  
lieu of the proposed concrete barrier. Our findings will be coordinated with your  
office as well as various community associations in the area prior to finalizing the  
construction drawings.

Thank you for sharing your concerns.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Kazu Hayashida".

KAZU HAYASHIDA  
Director of Transportation

Council Chair  
Alice L. Lee  
Council Vice-Chair  
Patrick S. Masano  
Council Members  
James "Tuna" Ayres  
Alan Arakawa  
Sai P. Kuroyoshizawa  
Robert M. Morrison  
Thomas Y. Nakamura  
Doreen S. Nakamura  
Wayne K. Hahnke

RECEIVED

96 AUG 21 03:45  
COUNTY OF MAUI  
200 S. HIGH STREET  
WAILUKU, MAUI, HAWAII 96793  
DEPT. OF HIGHWAYS  
August 14, 1996

Ken R. Fausch  
Director of Council Services

Kazu Hayashida, Director  
August 14, 1996  
Page 2

cc: Mayor Linda Crockett Lingle  
Senator Joe Tanaka  
Representative David Morihara  
Councilmember Sol Kaho'ohalahala  
Madelyn D'Erbeau, Makawao Main Street Association  
Debbie Nakama, Pukalani Community Association  
Harry Matsuura, Halimaile Community Association  
Bill Myers, Kula Community Association

pa: sssd:96-181a

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


SUBJECT: IMPROVEMENTS TO HALEAKALA HIGHWAY  
(PAF 96-181)

I am writing to respond to the Environmental Assessment for the proposed improvements to Haleakala Highway, from a three-lane to a four-lane highway (Project No. 37B-03-94). Specifically, my comments will be directed at the proposed use of concrete Jersey barriers as the highway's medial strip.

I understand that several people from our community have already voiced their objections to the possibility of using concrete Jersey barriers. For the record, I am also against the use of such barriers.

I do, however, favor the use of a grassed medial strip instead. Not only would this type of medial strip be more visually pleasing and reflective of the area's country atmosphere, it would also meet federal safety standards.

Please keep us abreast of your progress in this plan. We, along with numerous Maui residents, are keenly interested in seeing Haleakala Highway improved in a manner consistent with the surrounding rural community.

Sincerely,  
  
ALICE L. LEE  
Council Chair

BENJAMIN J. CAYETANO  
GOVERNOR



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

KAZU HAYASHIDA  
DIRECTOR

DEPUTY DIRECTORS  
JERRY M. MATSUDA  
GLENN M. OKIMOTO

IN REPLY REFER TO

HWY-DS  
2.1364

July 31, 1996

Councilmember Sol Kaho'ohalahala  
County Council  
County of Maui  
200 S. High Street  
Wailuku, Maui, Hawaii 96793

Dear Councilmember Kaho'ohalahala:

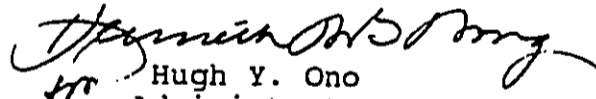
Subject: Draft Environmental Assessment for the proposed  
Haleakala Highway Widening, Pukalani Bypass to Hana  
Highway, Project No. 37B-03-94

We received your comments dated July 22, 1996, on the subject  
Draft Environmental Assessment (DEA) and offer the following:

The importance in maintaining the natural beauty of the Haleakala  
Highway corridor is shared by many of the residents of Upcountry  
Maui. In view of the concerns on aesthetics and visual impacts,  
we are considering the use of a wider landscaped median strip in  
lieu of the proposed concrete barrier. Our findings will be  
coordinated with the various community associations, in the area,  
prior to finalizing the construction drawings.

Thank you for sharing your concerns.

Very truly yours,

  
Hugh Y. Ono  
Administrator  
Highways Division

Council Chief  
Alan L. Lee  
Council Vice-Chair  
Francis S. Fomenko  
Council Members  
James "Tom" Ayres  
Alan Ambrose  
Sol P. Kahaloahala  
Robert L. Morrison  
Thomas F. Morrow  
James V. Nakama  
Wayne K. Neehi



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

Ken R. Fukuda  
Director of Council Services

Mr. Fred Rodriguez  
July 22, 1996

July 22, 1996

Mr. Fred Rodriguez  
Environmental Communications  
P. O. Box 536  
Honolulu, Hawaii 96809

**SUBJECT: State D.O.T. Proposed Haleakala Highway Widening  
Project No. 37B-03-94**

Dear Mr. Rodriguez:

The State's proposed widening of Haleakala Highway poses several concerns to me and to my Maui County constituency.

First: The proposed project states that the D.O.T. will "design and build an additional lane and divided medial strip with a concrete Jersey barrier (emphasis added) on Highway 37 from Pukalani Bypass to Hana Highway."

Learning that "concrete Jersey barriers" were indeed the visual monstrosities I believed them to be, but that federal safety regulations require such a medial strip on a divided highway in order to receive federal funding for such a project, I wish to suggest that the Haleakala viewplane is not the best place for concrete barriers regardless of federal dollars.

Clearly the federal government doesn't live near the Haleakala viewplane, nor is its economy dependant on environmental beauty, but it is my belief that the insertion of such a medial barrier would be little short of offensive to the viewplane seen from either mauka or makai direction.

Second: The Environmental Assessment states that the additional lane is necessary to "improve current traffic conditions which have deteriorated in terms of safety and capacity," but references no study from which this determination was made.

I do not believe that current Haleakala Highway traffic conditions warrant an additional lane and/or concrete barriers. Existing "coning" seems to work well enough to accommodate our morning "rush" hour and the two lanes mauka handle pau hana traffic quite well.

In her "State of the County" address earlier this year, our mayor, Linda Crockett Lingle, succinctly phrased an emphatic truth: "Our environment is our economy."

Utilizing federal or state dollars to butcher viewplanes will not help us or our economy.

I respectfully request that the State Department of Transportation respect the scenic importance of the Haleakala Highway to Maui County and seriously reconsider its proposed highway widening and concrete medial stripping.

Aloha,

Sol Kahaloahala  
Councilmember

SK:ep

Attachments

cc: Mayor Linda Crockett Lingle  
Charles Jendis, Director DPWMM  
Senator Daniel K. Inouye  
Senator Daniel K. Akaka  
Congresswoman Patsy T. Mink  
Senator Joe Tanaka  
House Speaker Joe Soud  
Office of Environmental Quality Control

96-0725.doc



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

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CONSERVATION AND  
RESOURCES ENFORCEMENT  
CONVEYANCES  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
DIVISION  
LAND MANAGEMENT  
STATE PARKS  
WATER AND LAND DEVELOPMENT

February 9, 1996

Mr. Herbert T. Tao  
Department of Transportation  
Highway-DS  
Aliiaimoku Hale  
869 Punchbowl Street  
Honolulu, Hawaii 96813

LOG NO: 16479 ✓  
DOC NO: 9602KD06

Dear Mr. Tao:

**SUBJECT: Historic Preservation Review of Proposed Haleakala  
Highway Widening, Pukalani Bypass to Hana Highway  
Project No. 37B-03-04 Makawao District, Maui**

Thank you for requesting early review and comments for the proposed Haleakala Highway widening project. The proposed project will add a second traffic lane to the Kahului-bound side of the present three-lane highway. According to the project description we received from Mr. F.J. Rodriguez (Memo dated 1/18/96), most of the work is to occur within the existing right-of-way, with the possible exception of the lower portion of the highway.

Our records of known historic sites show no previously recorded sites within or near the Haleakala Highway corridor between Pukalani and Hana Highway. A review of early nineteenth century maps indicates that a former plantation village, known as Upper Village 3, was once present immediately adjacent to the north side of Haleakala Highway between Hana Highway and Firebreak Road. The village was approximately .4 mile east (mauka) of Hana Highway.

We currently have no information regarding the dates of occupation for Upper Village 3. If it was relatively permanent, there is a possibility that remains of the village are still present in the agricultural fields. Such remains might include portable artifacts, structural remains, or subsurface features such as burials.

If the proposed improvements are contained within the existing highway right-of-way in the area of Upper Village 3, it is not likely that the project will cause new or additional impacts to the remains of the village.

Haleakala Hwy. Widening,  
Pukalani Bypass to Hana Hwy  
February 1996

APPENDIX B

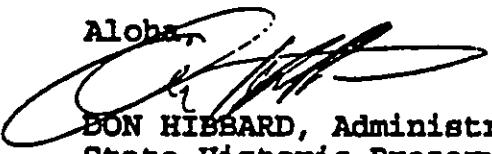
Mr. Herbert T. Tao  
Page 2

If additional agricultural land is acquired for the project in the area of the village, we request that our office be provided an opportunity to review construction plans and provide recommendations for a "no adverse effect" determination.

Based on our records and on the existing condition of the project area, we believe that construction in the remainder of the corridor will have "no effect" on historic sites.

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

Aloha,



DON HIBBARD, Administrator  
State Historic Preservation Division

KD:jen

c: F.J. Rodriguez (P.O. Box 536, Honolulu, Hawaii 96809)

BENJAMIN J. CAYetano  
GOVERNOR OF HAWAII



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION  
33 SOUTH KING STREET, 8TH FLOOR  
HONOLULU, HAWAII 96813

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

DEPUTY  
OLENEY COLEMAN-AGARAN

AGRICULTURE 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

July 23, 1998

Mr. F. J. Rodriguez  
Environmental Communications  
81 South Hotel Street, Suite 211  
PO Box 536  
Honolulu, Hawaii 96809

LOG NO: 21842 ✓  
DOC NO: 9807BD20

Dear Mr. Rodriguez:

**SUBJECT: Chapter 6E-8 Historic Preservation Review of the Proposed Haleakala Highway Widening Project  
Hoku'ula Ahupua'a, Wailuku and Makawao Districts, Island of Maui  
TMK 2-5/3-8**


This letter is a Historic Preservation review of the proposed Haleakala Highway widening project located in Hoku'ula Ahupua'a. 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.

Our office reviewed the initial widening project (SHPD DOC NO: 9602KD06) in which we noted the previous location of the historic plantation Upper Village 3 approximately .4 miles east of Hana Highway on the north side of Haleakala Highway. The subject property also appears likely to have been the location of pre-Contact farming and perhaps habitation. More recent mechanized agriculture and highway construction has since altered the landscape, making it unlikely that any significant historic sites remain.

We therefore find the proposed undertaking to have "no effect" on historic sites. In the event that 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 or archaeologist should immediately contact the State Historic Preservation Division office in Wailuku.

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

Aloha

  
DON HIBBARD, Administrator  
State Historic Preservation Division

BD:jen

cc. Lisa Nuyen, Maui County Planning Department (fax: 243-7634)  
Ralph Nagamine, Maui County Department of Public Works (fax: 243-7972)

EB



HIGHWAYS DIVISION  
TRAFFIC BRANCH  
TRANSMITTAL MEMORANDUM

LETTER NO. \_\_\_\_\_

TO: HWY-DS DATE September 19, 1998  
ATTN: Frederic Abeshima  
FROM: HWY-T (Karl Kunishige)  
SUBJECT: Ialeakala Highway Widening, Hana Highway to Pukalani Bypass

We are forwarding the following X Attached \_\_\_\_\_ Under Separate Sheet

COPIES	DESCRIPTION
1 Set	Traffic Study

These are transmitted as checked below:

- |  |   |
|--|---|
| <input type="checkbox"/> For Approval                                | <input type="checkbox"/> Approved as Submitted              |
| <input type="checkbox"/> For Review and Comments                     | <input type="checkbox"/> Approved as Noted                  |
| <input checked="" type="checkbox"/> Appropriate Attention and Action | <input type="checkbox"/> Returned for Correction            |
| <input type="checkbox"/> For Your Information & File                 | <input type="checkbox"/> Resubmit _____ Copies For Approval |
| <input checked="" type="checkbox"/> As Requested                     | <input type="checkbox"/> Suspense Date _____                |

REMARKS: If you have any questions, please call Steven Yoshida at X2174.

Copies sent to:  
HWY-TD: S. YOSHIDA

Karl Kunishige  
for PAUL M. HAMAMOTO  
Traffic Engineer

Reply: \_\_\_\_\_

**APPENDIX C LEVEL OF SERVICE TRAFFIC STUDY**

Date: \_\_\_\_\_ Signed: \_\_\_\_\_



**Traffic Characteristic:**

The existing Haleakala Highways, Route 37, consist of three travel lanes. Currently, two lanes travel from Hana Highway toward Pukulani Bypass while one lane travels in the opposite direction. To determine whether or not a particular roadway is meeting or exceeding its designed volume, a level of service study needs to be prepared. Level of service typically ranges from A to F where A represents free-flowing traffic and F describes forced or breakdown flow (congested).

Based on current peak-hour traffic counts, Haleakala Highway operates at level of service B for the two lanes that travel toward Pukulani Bypass while the single lane that travels toward Hana Highway has a level of service E (See Exhibit A). The proposed additional travel lane will increase the three lane Haleakala Highway to four lanes. The proposal will also add a median and increase the shoulder width. By providing these improvement, the level of service for the two lanes that travel toward Pukulani Bypass will retain its level of service at B, while the Hana Highway bound lanes will increase from E to B (See Exhibit B).

Projecting to the year 2018, the Haleakala Highway ADT (Average Daily Traffic) will increase an average of 47.6% (31.0% increase between Hana Highway and Haliimaile Road; 64.3% increase between Haliimaile Road and Pukalani Bypass; See Exhibit C). Therefore, as the ADT increase, so will the traffic volumes. Thus, utilizing the data from Exhibit C, the peak-hour traffic volumes for either direction will increase from 1632 to 2391. Accordingly, the level of service for the lanes that travel either toward Pukulani Bypass or toward Hana Highway will decrease from B to D (See Exhibit D).

The following is a summary of the results of the traffic analysis:

<u>Current</u>	<u>Level of Service</u>		<u>Direction (Haleakala Highway)</u>
	<u>Proposed</u>	<u>Year 2018</u>	
B	B	D	Traveling toward Pukulani Bypass
E	B	D	Traveling toward Hana Highway

Haleakala Highway has exceeded its current three lane highway capacity and needs to be upgraded by adding an additional lane. Contra flow operations are currently implemented to increase capacity during the peak hours.

Highway HALEAKALA HIGHWAY (ROUTE 37) Length 5.5 MILES  
 From/To HANA HIGHWAY TO PUKULANI BYPASS Analyst S. YOSHIDA  
 Analysis Year 1998 Date SEPTEMBER 1, 1998

Direction	FREE-FLOW SPEED		VOLUME	
	1	2	1	2
Field Measured or Estimated Free-Flow Speed or Speed Limit or 85th Percentile Speed			Volume (vph)	1632
Free-Flow Speed <sup>1</sup> (Ideal Conditions)	55 MPH	55 MPH	PHF	0.85
Median Type (UNDIVIDED)	55 MPH	55 MPH	Number of Lanes	N
Lane Width (12 FT)	55 MPH	55 MPH	Terrain (L,R,M) or Grade, %	R
Total Lateral Clearance (6 FT)	55 MPH	55 MPH	Length	-
Access/Mile (1 PER 5.5 MILES)	55 MPH	55 MPH	Trucks & Buses, %	3.85
Free-Flow Speed	53.4 MPH	53.4 MPH	RV's, %	3.0
FFS (for Curve) 2	53.4 MPH	53.4 MPH	$v_p$ (pcphpl)	1033.37
	52.1 MPH	52.1 MPH	$f_{HV}^3$	0.929
	52.1 MPH	52.1 MPH	$f_{HV}^3$	0.929
	51.85 MPH	51.85 MPH		2066.74

1. If field measurement not available  
 2.  $FFS = FFS_i - F_M - F_{LW} - F_{LC} - F_A$   
 3.  $f_{HV} = 1 / (1 + P_T(ET - 1) + P_R(ER - 1))$   
 4.  $v_p = V / (N \times PHF \times f_{HV})$   
 5. Density =  $v_p$  / average passenger-car travel speed  
 \* Volumes are based on Peak-Hour Traffic

RESULTS					
Direction	$v_p$ (pcphpl)	Free-Flow Speed	Average Passenger-car Travel Speed	LOS	Density <sup>5</sup>
1	1033.37	51.85	51.85	B	19.93
2	2066.74	51.85	51.85	E	39.86

OPERATIONAL ANALYSIS

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Highway: Haleakala Highway (Route 37)  
 Analyst: S. Yoshida  
 From/To: Hana Highway/Pukulani Bypass  
 Analysis Year: 1998  
 Length: 5.5 Miles  
 Date: 9/1/98

FREE-FLOW SPEED

---

Direction	1		2	
Free-Flow Speed:	Ideal		Ideal	
FFS or FFSi	55.0	mph	55.0	mph
Median Type	Divided		Divided	
Median Type Adjustment, FM	0.0	mph	0.0	mph
Lane Width	12.0	ft	12.0	ft
Lane Width Adjustment, FLW	0.0	mph	0.0	mph
Lateral Clearance:				
Right Edge	6.0	ft	6.0	ft
Left Edge	6.0	ft	6.0	ft
Total Lateral Clearance	12.0	ft	12.0	ft
Lateral Clearance Adjustment, FLC	0.0	mph	0.0	mph
Access Points per Mile	1		1	
Access Points Adjustment, FA	0.3*	mph	0.3*	mph
Adjusted Free-Flow Speed	54.8	mph	54.8	mph

VOLUME

---

Direction	1		2	
Volume, V	1632	vph	1632	vph
Peak-Hour Factor, PHF	0.85		0.85	
Peak 15-Minute Volume, v15	480		480	
Number of Lanes	2		2	
Terrain Type	Rolling		Rolling	
Grade	0.00	%	0.00	%
Segment Length	0.00	mi	0.00	mi
Trucks and Buses	4	%	4	%
Trucks and Buses PCE, ET	3.0		3.0	
Recreational Vehicles	0	%	0	%
Recreational Vehicles PCE, ER	1.2*		1.2*	
Heavy Vehicle Adjustment, fHV	0.93		0.93	
Driver Population Adjustment, fP	1.00		1.00	
Service Flow Rate, vp	1036	pcphpl	1036	pcphpl

RESULTS

---

Direction	1		2	
Service Flow Rate, vp	1036	pcphpl	1036	pcphpl
Adjusted Free-Flow Speed, FFS	54.8	mph	54.8	mph
Avg. Passenger-Car Travel Speed, S	54.8	mph	54.8	mph
Level of Service, LOS	B		B	
Density, D	18.9	pc/mi/ln	18.9	pc/mi/ln

The University of Florida assumes no liability for the use of this program.

\* These items have been entered or edited to override calculated values.

EXHIBIT R

July 21, 1998

Date

MEMORANDUM

TO: HWY-T

ATTN: G. Kakehi

FROM: HWY-PH *Paul F. Lopez*

The following data are submitted for your information:

NAME OF PROJECT: Haleakala Highway Widening

PROJECT NO.: 37B-03-94

SECTION: 

Hana Highway to Haliimaile Road	Haliimaile Road to Pukalani Bypass
---------------------------------	------------------------------------

TRAFFIC DATA:		Hana Highway to Haliimaile Road	Haliimaile Road to Pukalani Bypass
1998	ADT	27,400	23,800
2018	ADT	35,900	39,100
	DHV	3,290	3,360
	Kam	9.0	8.0
	Dam	75/25	70/30
	Tam	3.5	3.5
	Kpm	8.5	8.5
	Dpm	75/25	75/25
	Tpm	1.5	1.5
	T24	3.5	3.5

24-HOUR TRUCK COMPOSITION

CLASSIFICATION	PERCENT	PERCENT
BUS	12.87	12.87
2D	54.72	54.72
3X	19.38	19.38
4X	0.16	0.16
2S1, 3S1, 2S2	0.16	0.16
3S2, 3-2, 2-3	12.38	12.38
6/6+XS-TLR	0.33	0.33
5XM-TLR	0.00	0.00
6XM-TLR	0.00	0.00
7XM-TLR	0.00	0.00

REF. NO. TA 98-28

EXHIBIT C

OPERATIONAL ANALYSIS

Highway: Haleakala Highway (Route 37)  
 Analyst: S. Yoshida  
 From/To: Hana Highway/Pukulani Bypass  
 Analysis Year: 1998  
 Length: 5.5 Miles  
 Date: 9/3/98

FREE-FLOW SPEED

Direction	1		2	
	Free-Flow Speed:		Free-Flow Speed:	
FFS or FFSi	55.0	mph	55.0	mph
Median Type	Divided		Divided	
Median Type Adjustment, FM	0.0	mph	0.0	mph
Lane Width	12.0	ft	12.0	ft
Lane Width Adjustment, FLW	0.0	mph	0.0	mph
Lateral Clearance:				
Right Edge	6.0	ft	6.0	ft
Left Edge	6.0	ft	6.0	ft
Total Lateral Clearance	12.0	ft	12.0	ft
Lateral Clearance Adjustment, FLC	0.0	mph	0.0	mph
Access Points per Mile	1		1	
Access Points Adjustment, FA	0.3	mph	0.3	mph
Adjusted Free-Flow Speed	54.8	mph	54.3	mph

VOLUME

Direction	1		2	
	Volume, V		Volume, V	
Peak-Hour Factor, PHF	0.85		0.85	
Peak 15-Minute Volume, v15	704		704	
Number of Lanes	2		2	
Terrain Type	Rolling		Rolling	
Grade	0.00	%	0.00	%
Segment Length	0.00	mi	0.00	mi
Trucks and Buses	4	%	4	%
Trucks and Buses PCE, ET	3.0		3.0	
Recreational Vehicles	0	%	0	%
Recreational Vehicles PCE, ER	2.0		2.0	
Heavy Vehicle Adjustment, fHV	0.93		0.93	
Driver Population Adjustment, fP	1.00		1.00	
Service Flow Rate, vp	1520	pcphpl	1520	pcphpl

RESULTS

Direction	1		2	
	Service Flow Rate, vp		Service Flow Rate, vp	
Adjusted Free-Flow Speed, FFS	54.8	mph	54.8	mph
Avg. Passenger-Car Travel Speed, S	54.0	mph	54.0	mph
Level of Service, LOS	D		D	
Density, D	28.1	pc/mi/ln	28.1	pc/mi/ln

The University of Florida assumes no liability for the use of this program.

EXHIBIT D