

OEQC LIBRARY

~~Office of Environmental Quality Control~~

~~Office of the Engineer~~

~~550 Hanalei Avenue~~

~~Town Office Building, Third Floor~~

~~Honolulu, Hawaii 96812~~

State of Hawaii

~~OFFICE OF ENVIRONMENTAL QUALITY CONTROL~~

220 So. King Street

Fourth Floor

Honolulu, Hawaii 96801

**F I N A L
ENVIRONMENTAL IMPACT STATEMENT
FOR
CONSTRUCTION OF MAINTENANCE BASE YARD FACILITIES
AT HANAPEPE, KAUAI, HAWAII**

**BY THE
COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS**

DECEMBER 3, 1974

KA

109

OEQC LIBRARY

State of Hawaii
OFFICE OF ENVIRONMENTAL QUALITY
550 Halekauwila Street
Fourth Floor
Honolulu, Hawaii 96813

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
OFFICE OF ENVIRONMENTAL QUALITY
550 HALEKAUWILA STREET
HONOLULU, HAWAII 96813

NOTICE

ALL reference material borrowed from this library will be on a 30-day loan period, limited to one RENEWAL ONLY.

If borrowed material is not returned when DUE, is DAMAGED, or LOST, there will be a REPRODUCTION CHARGE OF .25¢ PER PAGE.

OEQC LIBRARY - PHONE 548-6915
550 HALEKAUWILA STREET ROOM 301

TABLE OF CONTENTS

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
I	PROJECT DESCRIPTION AND NEED	1
II	PROBABLE IMPACT ON ENVIRONMENT	3
III	UNAVOIDABLE ADVERSE ENVIRONMENTAL EFFECTS	10
IV	ALTERNATIVES TO PROPOSED PROJECT	10
V	THE RELATIONSHIP BETWEEN LOCAL SHORT TERM USE OF MAN'S ENVIRONMENT AND THE MAINTENANCE OF LONG TERM PRODUCTIVITY	11
VI	IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES	11
APPENDIX A	DOCUMENTATION ON HISTORICAL LANDMARK	
APPENDIX B	DRAFT ENVIRONMENTAL IMPACT STATEMENT COMMENTS RECEIVED FROM VARIOUS AGENCIES	
APPENDIX C	RESPONSES BY THE DEPARTMENT OF PUBLIC WORKS	

I. PROJECT DESCRIPTION AND NEED

The Hanapepe Base Yard for the Kauai County Public Works Department is in the final stages of design. The project is located on parcel 6, designated as the County of Kauai Corporation Yard, which encompasses 5.569 Acres as shown on attachment A and B. The scope of work for the project includes:

Filling and grading of the base yard area; providing proper drainage, utilities and parking area; construction of a hollow block building for office space, sanitary facilities, shower and lockers, conference room and tool room; construction of two steel frame maintenance building, with carpenter work shop, parks maintenance shop, storage for building materials, general storage room and herbicide storage room; construction of steel frame vehicular sheds, gas pumps; and open material storage areas.

This project will consolidate the Koloa Base Yard and the Waimea Base Yard at Hanapepe. Arrangement has been made with the State Highways division to utilize a designated area of the base yard to park their vehicles and equipment necessary for their westside operations. They will have a 12' x 12' office and a 12' x 16' storage shed. The combined base yard site plan is shown on attachment C.

The total number of personnel stationed at the base yard will be approximately 37 and the combined total number of vehicles and other motorized equipment that will be stored in the base yard will be approximately 22. Type of equipment to be stored are grader, payloader, refuse truck, rotary mower, oil wagon, pickup, dump truck; etc.

The project is located on Parcel 6 next to LELE ROAD on the West, Hanapepe Drain Ditch on the North and East Sides, and Cemetery and

Yasue Enoki's lot on the South Side. The main base yard facilities including the office, maintenance building, gas pump and parking will be located on the higher side of the lot, the Southwest corner of Parcel 6, and the open material storage areas and heavy equipment parking will be located on the lower portion of Parcel 6. All the drainage flow will be toward the Hanapepe Drain Ditch. No silt or dirt will flow into the drain ditch because the entire area will be grassed upon completion of the project.

The possibility of inundation due to flooding has been considered, therefore all buildings and structures will be located on the higher side of the project site at an elevation of approximately 31 feet. The lower portion, approximate elevation of 10 feet, was selected to store highway construction and maintenance materials and to park heavy equipment. Other smaller equipment and vehicles will be parked next to the maintenance building.

Although we have designated the lower area for heavy equipment parking, the number to be parked at any one time will be very few because majority of the equipment will be parked near project site and maintenance areas. In case of flooding and possible inundation, all equipment will be moved to the higher area. Rocks and sand stock piled on the lower area will not be affected by the water as we anticipate only low velocity flows that will not wash the materials away.

Concern over potential tsunami inundation of the lower area was also considered and will be handled similarly to the problem of flooding.

All excavations and fills will be held to a minimum. Most of the cuts and fills will be at the building site and to prevent imported borrow, cuts and fills have been balanced in the designing of the project. If fills are necessary, the Contractor is responsible to supply the fill material. The

site where the fill material will be removed from, will not be known until after the bids are submitted.

The consolidation of base yards was in the planning for more than five years with the prime reason being better operation and efficiency for the West Side. Also, the existing buildings in both base yards were constructed in the early 1940's and are in very poor condition and require extensive repair and maintenance. This is a very opportune time to construct the new base yard and relocate the Koloa and Waimea base yards.

The completion of this project in Hanapepe will result in better operational efficiency and a safer working area for the maintenance crew. Traffic wise it will be much safer because it is not located next to a major thoroughfare.

II. PROBABLE IMPACT ON ENVIRONMENT

A. Economic Effects

1. Economic Activity

This project will not have any adverse economic effect on Hanapepe. The businesses there should experience some increase in business activity as a result of the two base yards being relocated to Hanapepe. There are no businesses or other economic activities that will be adversely affected by the project. In the immediate vicinity of the proposed base yard there are only two businesses now in operation which may benefit from the location of the base yard at the proposed site. One is Mr. Enoki's cemetery monument business, which will not be affected in any way, and Construction Materials Hawaii, Inc. which will improve definitely because most of the materials for building, parks and road maintenance will be purchased from them.

2. Employment

The employment situation in the area is not expected to be affected by the project, except during the construction activities, when a short term increase in job opportunities may occur.

3. Conduct and Financing of Government

There will be no adverse effect, as a result of this project, on the local tax base since the land is owned by the County. In fact there will be some savings to the County because it is cheaper to operate one base yard than two. There will be no duplication of work for records, materials, equipment and job positions of the two base yards will be consolidated into one larger base yard. Surplus positions and duplication of work will be eliminated.

The abandoned base yards will continue to be used for stock piling of roadbed patching materials. Materials will be stored in neat piles located away from the road so as not to mar the beauty of our roadway scenic view. Both base yards are under executive orders designated for corporation yard use so it cannot be used for any other purpose. Furthermore, both areas are zoned Open (O) because both are located in areas subject to flooding and inundation.

The use of the abandoned base yards will be temporary until we locate better areas to store our road patching materials. When suitable sites are located in Waimea and Koloa, both base yards will be returned to the State.

All structures on both base yards will be demolished by our County maintenance crew. They will be demolished as soon as they are vacated and we are able to schedule the demolition.

4. Displacement of Families and Businesses

There will be no persons or businesses displaced as a result of this project.

5. Project Cost

Preliminary Engineering	\$ 17,450.00
Construction	392,000.00
Staff Services	<u>7,550.00</u>
Total Estimated Cost	\$417,000.00

Funds to be Used

State Funds

Act 155/69, N-74	\$ 50,000.00
Act 68/71, G-4	40,000.00
Act 218/74, G-41	<u>142,000.00</u>
	\$232,000.00

County Funds

Total

<u>185,000.00</u>
\$417,000.00

6. Maintenance and Operating Features

The cost of building maintenance will be required wherever we may locate to but because it will be a new facility maintenance cost will be minimal. At present, the cost of maintenance of the two base yard facilities is rather high because of the dilapidated condition of the buildings. Although considerable amount of metal is used for the construction of the buildings, there is no danger of excessive amount of salt breeze hitting the buildings because the prevailing wind comes from the general direction of the mountain.

Being centrally located on the West Side of the island, the operation will be streamlined thus increasing efficiency and production. There will be considerable savings to the County once the West Side operation is effectuated.

B. Social Effects

1. Public Safety

This project will create a safer working area for the maintenance crew and the general public that may have business to conduct at the base yard. The closing of the Koloa base yard minimizes considerably the traffic hazard that exists at the approach of Poipu Road to the present Koloa base yard. (See attachment D.) The approach to the new Hanapepe base yard will be off Lele Road that carries only a fraction of the traffic witnessed on the Poipu Road.

2. Effect on Neighborhood Character

The area to be used for the proposed base yard, consisting of 5.569 acres, was turned over from the State to the County for use as a corporation yard for purpose of consolidating the two West Side base yards. The proposed base yard site is within the open zone area of the General Plan and under the CZO the intended use may be permitted. A special Use Permit has been granted by the Planning Department for the use of this site. This base yard will not disturb the present character of the neighborhood. The area will be surrounded by the Hanapepe park, two other businesses and a cemetery. It will be far removed from any residential areas except for a few houses located on Yasue Enoki's lot. To minimize the noise from the heavy equipment and other motorized equipment, all equipment shall be parked on the lower side of the property far removed from the existing houses located on the Enoki's lot. The perimeter of the property will be planted with hedges to screen of the entire area from its surroundings.

Equipment operation hours throughout the year:

November to February	7:00 am -- 3:30 pm
March to April	6:30 am -- 3:00 pm
May to August	6:00 am -- 2:30 pm
September to October	6:30 am -- 3:00 pm
State Vehicles	7:00 am -- 3:30 pm all year

Men and equipment will leave the base yard within 20 minutes of starting time, and return to the base yard by 20 minutes to quitting time.

Equipment leaving and entering the base yard will include, tractor trailer, trucks, loaders, mobile crane, dozer, pickup trucks and other smaller construction equipment. During an emergency, these equipments will be leaving the base yard whenever needed. Refuse collector crews and trucks will leave the base yard at 5:20 a.m., starting time is 5:30 a.m. at the job site.

3. Educational or Religious Institutions

There are no religious institutions or educational centers that will be affected by the project.

4. Replacement Housing

No dwellings will be affected in any way by this project.

C. Environmental

Aesthetics is one of our prime concerns and will be constantly considered during the design of the project. Existing trees and plants will not be disturbed or destroyed unless absolutely necessary. In addition, the area will be landscaped as necessary and desirable.

1. Fire Protection

This project will not disrupt any fire protection facilities for the area. The area will be adequately fire protected because the

Hanapepe Fire Station is located less than one mile away from the proposed project site.

2. Public Utilities

This facility will not disrupt or alter any public utility. Electrical service fronts the property and poses no difficulty in getting electrical service. Telephone installation can be accomplished with minimum effort. The Department of Water has a water line fronting the property and there is no difficulty getting service to the project.

3. Conservation

The facility will have no adverse effect on flora or fauna resources. Much of the site is covered with weeds and common shrubs and spotted with clusters of trees along the road and hillside. Fish and wild life are non-prevalent at or adjacent to the project site. There are no recognized endangered species of flora or fauna in the area.

4. Natural or Historic Landmarks

There are no visible natural or historic landmarks located in or adjacent to the project site.

5. Noise, Air and Water Pollution

Normal winds are from the North North East, therefore the location of the facility should result in no adverse effect on the community at large with respect to noise and air pollution. Noise generated from the base yard during daily operations will be controlled through planned landscaping and assigned areas of operation depending on the amount of noise generated by such activities.

Contract specifications for the proposed construction will require that the contractor minimize any causes and/or potential causes of air pollution. Public Health Regulations, Chapter 43, Air Pollution Control will be adhered to.

During construction, site preparation and construction related activities including clearing and grubbing, excavation and base course work may cause some dust nuisances to construction personnel and the surrounding areas. This will be controlled by application of water as a dust palliative.

Solid wastes generated during construction will be properly removed and disposed of at the Kekaha land fill. No open burning at the site will be permitted.

Solid wastes generated by the base yard operations will be properly stored in receptacles and removed periodically.

Drainage for the area will be to the drain ditch located adjacent to the property. Completion of the project should lessen water pollution due to silting because the entire area shall be landscaped and grassed.

No lubrication and servicing will be carried out in the proposed base yard except for minor field type of lubrication. All servicing shall be done at the Lihue Auto Maintenance Yard thus keeping the area free from oil drippings or waste oil storage and spillage. The Lihue Auto Maintenance Yard is centrally and conveniently located on the island to economically provide servicing and repairing of vehicles and equipment based at the two respective base yards. The service station area is intended for filling of gas, oil, battery water,

radiator water, etc. and not for washing vehicles and equipment. In any event constant or fleet washing is not intended within the base yard.

Human excrements will be disposed of into cesspools. Cesspools will be located and constructed in accordance with the rules and regulations of the Department of Health.

Operations will not result in industrial wastes.

III. UNAVOIDABLE ADVERSE ENVIRONMENTAL EFFECTS

The project area will inevitable have some minimal effects. The visual appearance will be altered, particularly until landscaping is developed.

Minor irritations in the form of noise and dust will affect motorists and residents during the construction period until the entire area is grassed and landscaped. Care shall be taken to minimize the dust problem during construction by routine wetting whenever required.

Some silt may run off into the drain ditch and into the ocean from cut and fill areas during construction and until the entire area is grassed.

Sedimentation basins will be made to handle instantaneous run off from rainfall.

Work shall be confined to the lot and no other area will be affected during and after the proposed project construction.

IV. ALTERNATIVES TO PROPOSED PROJECT

Other sites were considered but none was as advantageous as the one selected. The present dog pound site at Hanapepe was also considered as a site for the base yard but a golf course was to be developed there. The proposed base yard site was selected more than five years ago and was designated as the Hanapepe Corporation Yard when the property was turned over to the County by the State. To postpone or delay the construction of this

facility would deny the County a central base yard for the West Side whereby better efficiency and production can be achieved especially now when austerity is the key word for all government operations. To delay it further will result in higher construction costs and maybe the construction of the base yard facilities will never become a reality.

V. THE RELATIONSHIP BETWEEN LOCAL SHORT TERM USE OF MAN'S ENVIRONMENT AND THE MAINTENANCE OF LONG TERM PRODUCTIVITY

The proposed base yard will provide an up-to-date facility for the maintenance crews thus increasing efficiency and productivity and will benefit all the people of the West Side and also save the County monies realized from the savings due to better operations and controls.

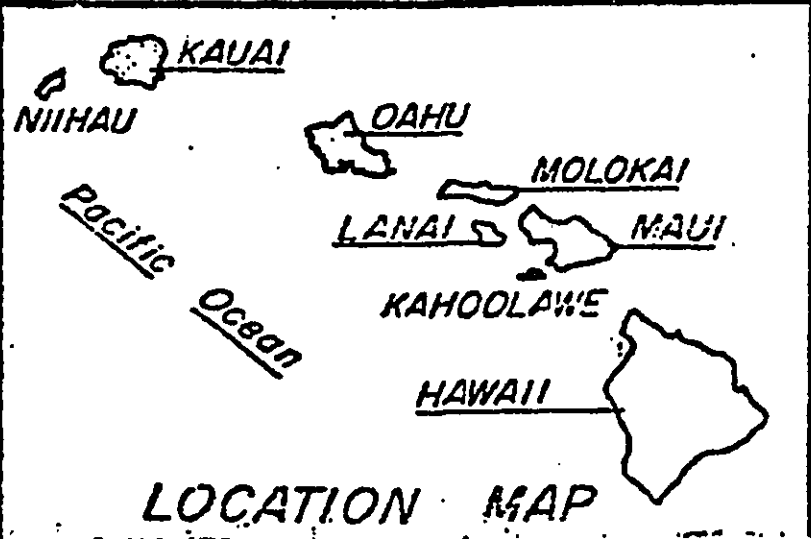
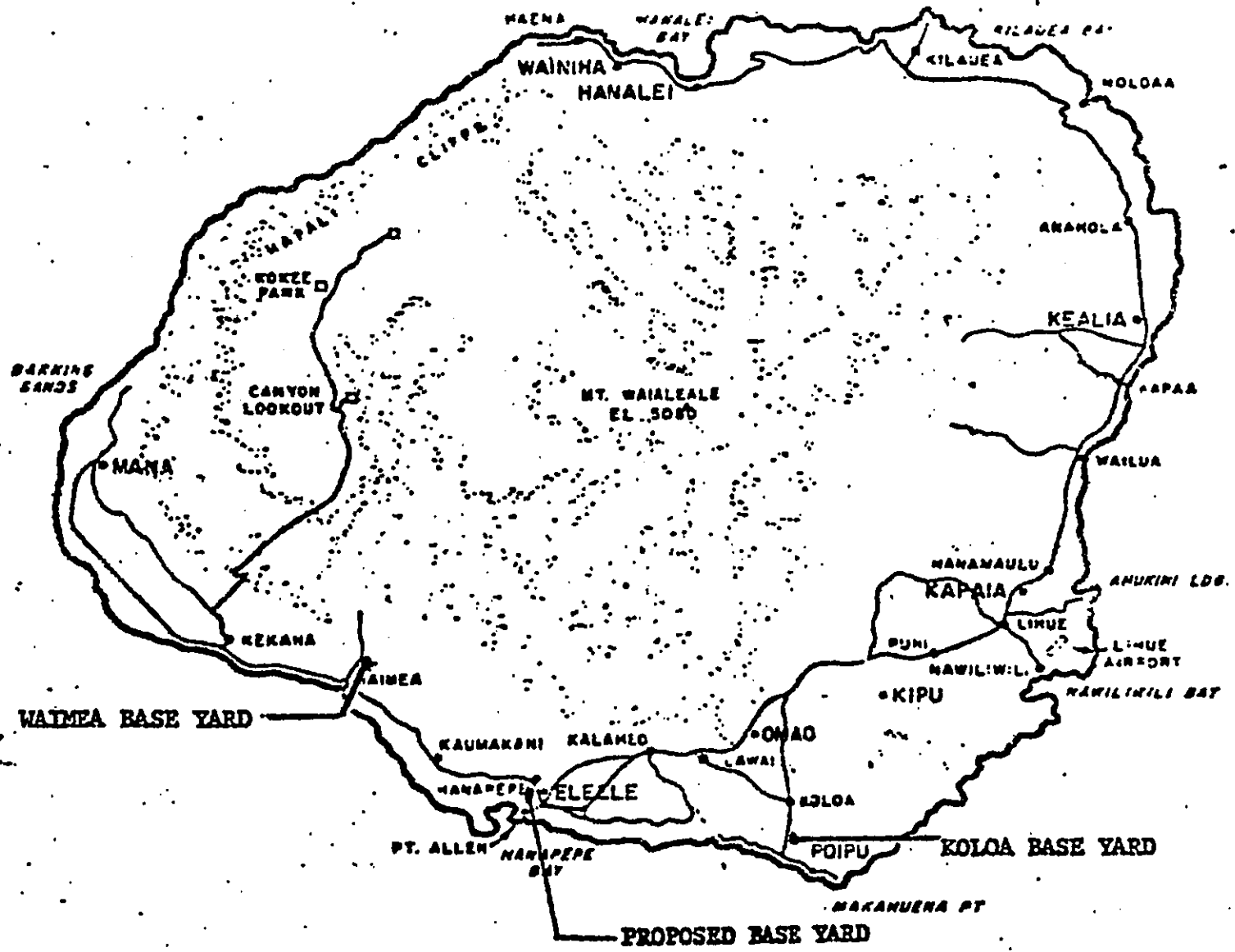
Depletion of environmental resources, either on a short term or long term basis, will be minimal. For the proposed project, the major commitment of such resources is the land which is already owned by the government and utilized primarily by government agencies. There will be no loss in revenues to the State or County. In fact, the completion of the base yard at Hanapepe will be of great benefit to the people of the West Side and through intelligent planning it will surely be productive and will improve the site and its surroundings.

VI. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES

The proposed construction of the base yard will commit land, labor and material resources and the major commitment, as mentioned above, is the land itself. Labor and materials will be irretrievable. Since there is no substantial alteration of the land, it can be reverted back to its original state.



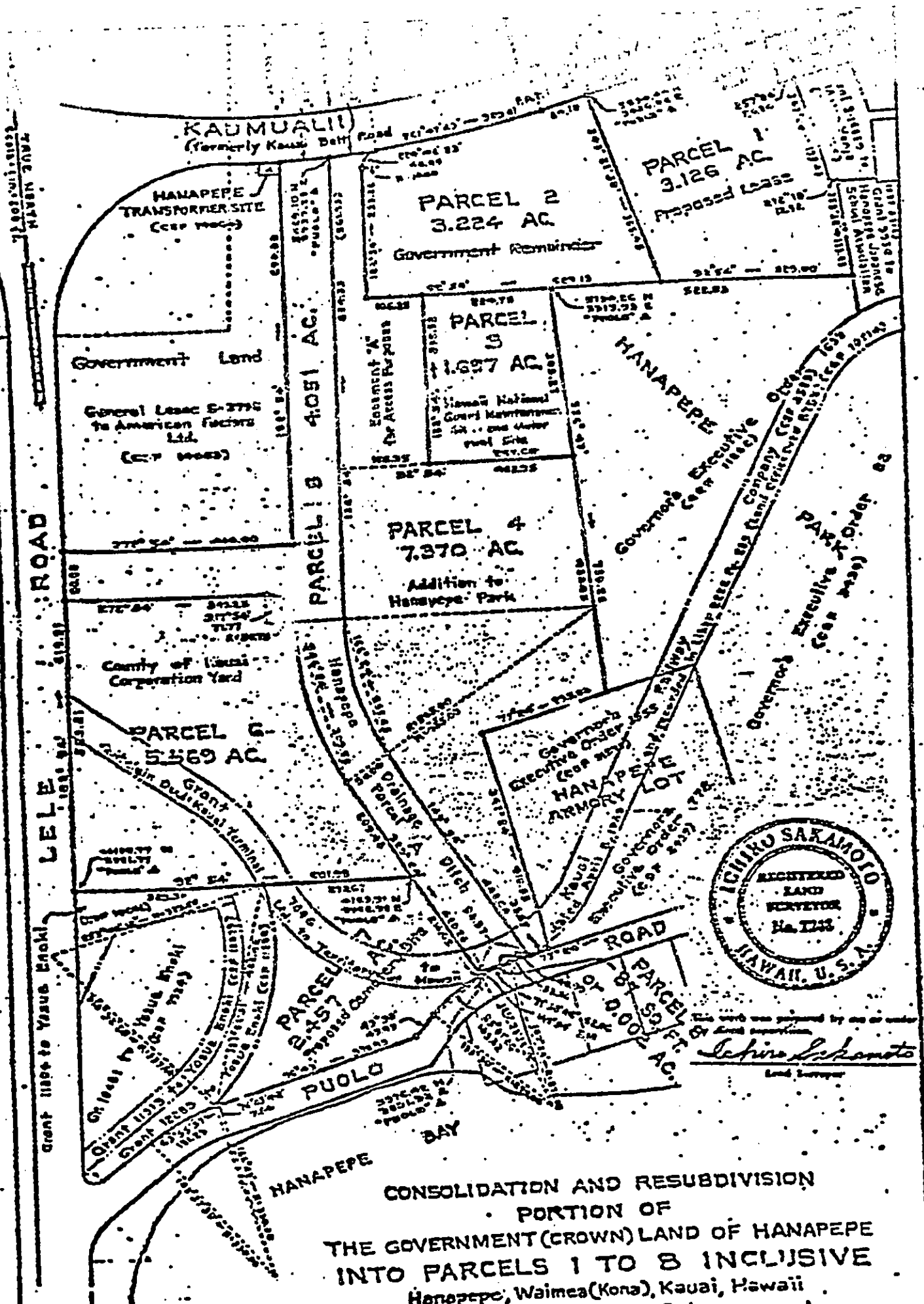
0 2 4 6
STATUTE MILES



ISLAND OF KAUAI KAUAI COUNTY, HAWAII

PLANNING AND TRAFFIC COMMISSION
COUNTY OF KAUAI
LIHUE, KAUAI, HAWAII

ATTACHMENT A



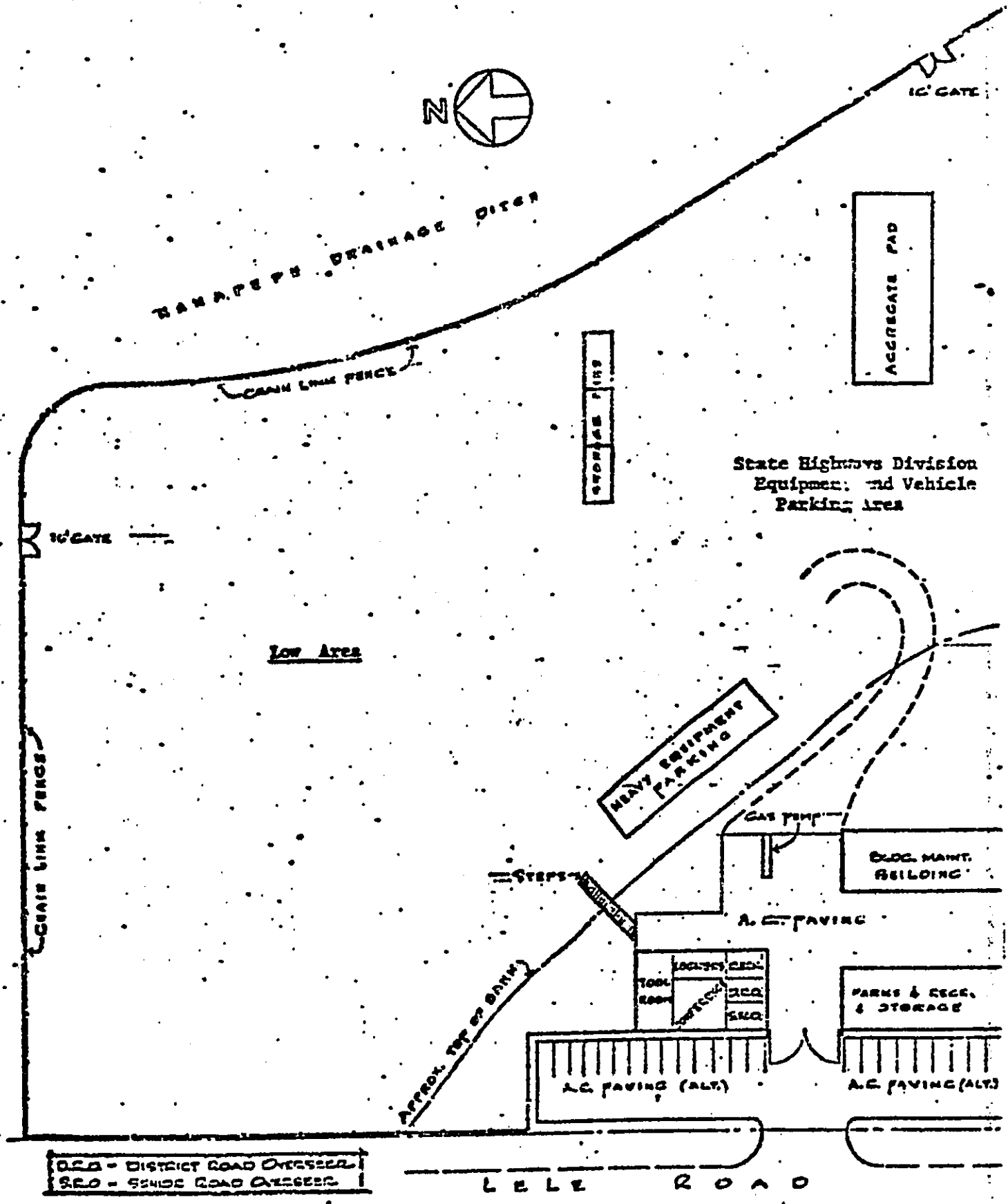
CONSOLIDATION AND RESUBDIVISION
PORTION OF
THE GOVERNMENT (CROWN) LAND OF HANAPEPE
INTO PARCELS 1 TO 8 INCLUSIVE
 Hanapepe, Waimea (Kona), Kauai, Hawaii
 Scale: 1 inch = 200 feet

JOB K-6018
 C.B.K. (Kauai)

SURVEY DIVISION
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

TAC-MAP 1-8-66

ATTACHMENT B

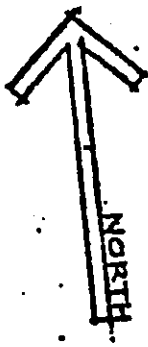


HANAPEPE BASEYARD

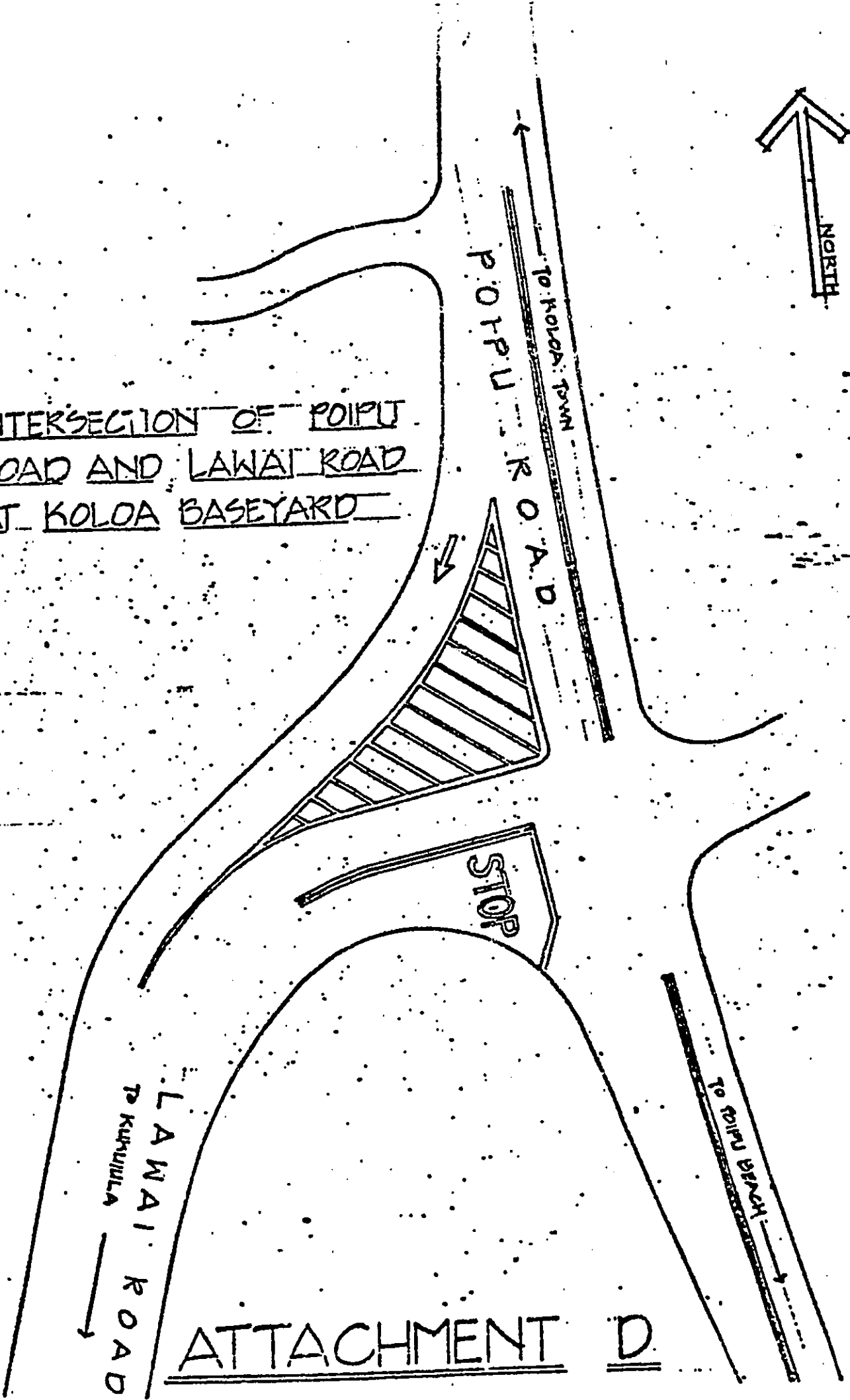
SCALE: 1" = 20'

ATTACHMENT C

KOLOA BASEYARD SITE



INTERSECTION OF POIPU ROAD AND LAWAI ROAD AT KOLOA BASEYARD



ATTACHMENT D

APPENDIX A

DOCUMENTATION ON HISTORICAL LANDMARK

JOHN A. BURNS
GOVERNOR OF HAWAII



DIVISIONS:
CONVEYANCES
FISH AND GAME
FORESTRY
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF LAND MANAGEMENT
P. O. BOX 621
HONOLULU, HAWAII 96309

September 17, 1974

Honorable Akira Fujita
County Engineer
Department of Public Works
County of Kauai
P. O. Box 111
Lihue, Kauai, HI 96766

Dear Sir:

Subject: Historical Landmarks/Proposed
Hanapepe Baseyard Site

This is in response to your letter of August 2, 1974 requesting information on whether or not any historical landmarks exist on the subject 5.569-acre parcel.

This is to confirm, as relayed to you via telephone conversation this date by a member of my staff, that there are no historical landmarks on said site and you may proceed with your plans for development of the area.

Very truly yours,

BOARD OF LAND AND NATURAL RESOURCES

A handwritten signature in cursive script, appearing to read "Sunao Kido".

SUNAO KIDO
Chairman and Member

Department of Public Works
County of Kauai

9/26 1974

From: *[Signature]*

cc - Mr. Hisao Munechika
Mr. Sam Lee
Division of State Parks

To: Fiscal
 Building
 Plans & Survey
 Parks & Recreation
 Sewers
 Shop
 Road Constr. & Maint.

APPENDIX B

DRAFT ENVIRONMENTAL IMPACT STATEMENT

COMMENTS RECEIVED FROM VARIOUS AGENCIES

JOHN A. BURNS
GOVERNOR



RICHARD E. MARLAND, Ph.D.
INTERIM DIRECTOR

TELEPHONE NO.
548-6915

STATE OF HAWAII
OFFICE OF ENVIRONMENTAL QUALITY CONTROL
OFFICE OF THE GOVERNOR
550 HALEKALIWILA ST.
ROOM 301
HONOLULU, HAWAII 96813

November 11, 1974

Akira Fujita
County Engineer
Department of Public Works
County of Kauai
P.O. Box 111
Lihue, Kauai 96766

**SUBJECT: Draft Environmental Impact Statement for Construction
of Maintenance Base Yard Facilities at Hanapepe, Kauai**

Dear Mr. Fujita,

This Office has completed its review of the subject statement. As of this date, we have received a total of nine comments, identified on the attached list.

Provided below are suggested additions and corrections for your consideration.

POSSIBILITY OF FLOODING

The U.S. Army Engineering Division advises that the proposed project area may be susceptible to river (Hanapepe) and local drainage flooding. This Office advises that this concern be addressed in the final environmental impact statement (fEIS).

We also ask that the Department of Accounting and General Services' concern over potential tsunami inundation of the site be addressed in the fEIS.

FILLING OF THE BASE YARD

The fEIS should mention where the fill for the base yard will be obtained from. In addition, will there be any effects, on the site where the fill is removed from?

ALTERNATIVE USES FOR ABANDONED BASE YARDS

The vacated Koloa and Waimea base yards should be given further consideration. The draft environmental impact statement (dEIS) mentions only one alternative -- to "stockpile road patching materials." How would the materials be stored? Is this a temporary or a permanent alternative? We suggest that this alternative be further discussed.

We suggest that the other alternative uses for the vacated base yards disclose feasible and long-term uses in the FEIS.

DISPOSITION OF ABANDONED BASE YARDS

The FEIS should include the disposition of the structures on the existing base yards. Will the structures be demolished? If so, when and how? If the structures are not demolished, what will become of them? Old vacated sites tend to encourage vandalism and eventually will not be aesthetically pleasing. We ask that as much concern be given to the abandoned base yards as the new Hanapepe Base Yard.

RECOMMENDATIONS

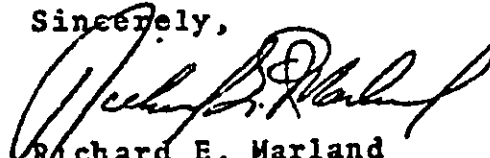
We recommend that individually written responses be sent to Department of Accounting and General Services, U.S. Army Engineering Division and Water Resources Research Center with carbon copies sent to this Office. These responses should address how each individual concern was considered, evaluated, and disposed.

We also recommend that the following be appended to the FEIS:

1. Department of Land and Natural Resources' letter documenting that there are no historical landmarks;
2. all comments received; and
3. all written responses.

This Office thanks you for the opportunity to comment on this draft environmental impact statement. We sincerely look forward to the upcoming final environmental impact statement.

Sincerely,



Richard E. Marland
Interim Director

Attachment I & II

LIST OF RESPONDING AGENCIES

STATE

Office of Environmental Control	Nov. 11, 1974
*Department of Planning & Economic Development	Oct. 8, 1974
Department of Accounting & General Services	Oct. 17, 1974
*Department of Agriculture	Oct. 18, 1974
*Department of Land & Natural Resources	Oct. 24, 1974
Department of Health	Nov. 13, 1974

FEDERAL

*Bureau of Sport Fisheries and Wildlife	Oct. 2, 1974
*Soil Conservation Service	Oct. 17, 1974
U.S. Army Engineering Division	Oct. 31, 1974

UNIVERSITY OF HAWAII

*Environmental Center	Oct. 4, 1974
Water Resources Research Center	Oct. 31, 1974

*No comments on the statement



DEPARTMENT OF PLANNING
AND ECONOMIC DEVELOPMENT

250 South King St. / Honolulu, Hawaii 96813 / P. O. Box 2359 / Honolulu, Hawaii 96804

JOHN A. BURNS
Governor

SHELLEY M. MARK
Director

EDWARD J. GREANEY, III.
Deputy Director

October 7, 1974

Ref. No. 1881

MEMORANDUM

TO: Dr. Richard E. Marland, Interim Director
Office of Environmental Quality Control.

FROM: Shelley M. Mark, Director

SUBJECT: Draft EIS for Construction of Maintenance Base Yard Facilities at
Hanapepe, Kauai, Hawaii

We have reviewed the subject draft and find that it has adequately assessed the environmental concerns that can be expected by the project.

We have no comments to offer at this time but appreciate the opportunity to review the draft statement.

LETTER NO. (P) 2266.4

JOHN A. BURNS
GOVERNOR



KENAM KIM
COMPTROLLER

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

OCT 16 1974

Dr. Richard Marland
Interim Director
Office of Environmental
Quality Control
550 Halekauwila Street
Honolulu, Hawaii

Dear Dr. Marland:

Subject: Draft Environmental Impact Statement for
Construction of Maintenance Baseyard
Facilities at Hanapepe, Kauai, Hawaii

Thank you for the opportunity to review the subject state-
ment.

Our only comment is that nowhere in the statement is the
potential tsunami inundation of the site covered.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Kenam Kim".

KENAM KIM
State Comptroller

JOHN A. BURNS
GOVERNOR



FREDERICK C. ERSKINE
CHAIRMAN, BOARD OF AGRICULTURE

WILLIAM E. FERNANDES
DEPUTY TO THE CHAIRMAN

STATE OF HAWAII
DEPARTMENT OF AGRICULTURE
1488 SO. KING STREET
HONOLULU, HAWAII 96814

October 17, 1974

MEMORANDUM

To: Dr. Richard E. Marland, Interim Director
Office of Environmental Quality Control

Subject: Draft EIS for Construction of Maintenance Base Yard
Facilities at Hanapepe, Kauai, Hawaii

The Department of Agriculture has reviewed this draft statement
and finds no agricultural impact.

Thank you for the opportunity to review this matter.

Frederick C. Erskine
Frederick C. Erskine
Chairman, Board of Agriculture

JOHN A. BURNS
GOVERNOR OF HAWAII



DIVISIONS:
CONVEYANCES
FISH AND GAME
FORESTRY
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
P. O. BOX 631
HONOLULU, HAWAII 96808

October 21, 1974

MEMORANDUM

TO: Office of Environmental Quality Control

FROM: Sunao Kido, Chairman and Member
Board of Land and Natural Resources

SUBJECT: Comments on Draft EIS for Construction of Maintenance
Base Yard Facilities at Hanapepe, Kauai

This department has reviewed the above mentioned draft EIS and find that the project is in keeping with the proposed planning for the Hanapepe area of Kauai.

We have no objection to the EIS as presented.

A handwritten signature in cursive script that reads "Sunao Kido".

SUNAO KIDO
Chairman and Member

JOHN A. BURNS
GOVERNOR OF HAWAII



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

November 13, 1974

WALTER B. QUISENBERRY, M.P.H., M.D.
DIRECTOR OF HEALTH

WILBUR S. LUMMIS JR., M.S., M.D.
DEPUTY DIRECTOR OF HEALTH

RALPH B. BERRY, M.P.H., M.D.
DEPUTY DIRECTOR OF HEALTH

HENRI P. MINETTE, M.P.H., DR.P.H.
DEPUTY DIRECTOR OF HEALTH

In reply, please refer to
File: EPHS-PTB

To: Dr. Richard Marland, Interim Director
Office of Environmental Quality Control

From: Director of Health

Subject: Draft Environmental Impact Statement for Construction of Maintenance
Base Yard Facilities at Hanapepe, Kauai

The subject statement has been reviewed by our staff in an attempt to generate comments in areas of our official concern. Following are our statements relative to environmental control:

1. At one time in the past, the County of Kauai proposed to include a solid waste transfer station in this project area. The location of the transfer station was to be on the West side of the parcel facing LeLe Road and parking and heavy equipment turn-around area was scheduled for the low area. This was not mentioned in the draft Environmental Impact Statement (EIS) and we think it is appropriate that the disposition of the transfer station be made known.
2. A question raised previously by our office concerning noise and drainage appears to be covered adequately in the draft EIS.
3. We do not object to the project provided that the environmental control items noted in the EIS are carried out and our concern listed under number 1 above is covered in the final EIS.

Walter B. Quisenberry
WALTER B. QUISENBERRY, M.D.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
BUREAU OF SPORTS, FISHERIES AND WILDLIFE
Division of River Basin Studies
821 Milliani Street
Honolulu, Hawaii 96813

October 1, 1974

Interim Director
Office of Environmental Quality Control
550 Halekauwila Street, Room 301
Honolulu, Hawaii 96813

Dear Sir:

Based on the information provided, the draft Environmental Impact Statement for Construction of Maintenance Base Yard Facilities at Hanapepe, Kauai, Hawaii appears adequate.

The above views constitute the report of the U.S. Fish and Wildlife Service and do not necessarily represent the views of the Department of the Interior.

We appreciate the opportunity to review this impact statement.

Sincerely yours,

Michael L. Nishimoto
Michael L. Nishimoto

TO: Richard E. Marland, Interim Director
Office of Environmental Quality Control

RE: *Construction of Maintenance Base yard
Facilities at Kaneohe, Hawaii*

EIS returned: project does not pertain to SCS activities and/or responsibilities.

EIS received: undergoing review.

Francis C. H. Lum
Francis C. H. Lum
State Conservationist

10/15/74
Date

OCT 17 1974



PODED-P

DEPARTMENT OF THE ARMY
U. S. ARMY ENGINEER DISTRICT, HONOLULU
BLDG. 230, FT. SHAFTER
APO SAN FRANCISCO 96358

31 October 1974

Dr. Richard Marland, Interim Director
Office of Environmental Quality Control
State of Hawaii
550 Halekauwila Street, Rm. 301
Honolulu, Hawaii 96813

Dear Dr. Marland:

We have reviewed the draft environmental impact statement for Construction of Maintenance Base Yard Facilities, Hanapepe, Kauai, Hawaii, and have the following comments.

a. The proposed project lies near the mouth of the Hanapepe River. In 1966, the US Army Corps of Engineers completed a flood protection levee structure for the Hanapepe area; however, the levee does not protect the proposed Base Yard site. Information on elevations within the project site is not provided in the statement, but it appears that portions of the site including the parking and storage bin areas may be subject to inundation during flooding. The susceptibility of the proposed project area to river and local drainage flooding should be addressed.

b. The project description includes filling and grading operations but includes no statement as to how the fill will be obtained. This point should be clarified so that the possible impact on areas outside the project site can be evaluated.

Sincerely yours,

ELROY CHINN
Acting Chief, Engineering Division



University of Hawaii at Manoa

Environmental Center
Mails Bldg. 10 • 2540 Mails Way
Honolulu, Hawaii 96822
Telephone (808) 948-7361

Office of the Director

October 3, 1974

MEMORANDUM

TO: Richard Marland, OEQC
FROM: Jacquelin N. Miller, Environmental Center

Jacquelin N. Miller

The Environmental Center does not plan to review the Environmental Impact Statement for Construction of Maintenance Base Yard Facilities at Hanapepe, Kauai, Hawaii.

UNIVERSITY OF HAWAII

Water Resources Research Center
Office of the Director

MEMORANDUM

October 29, 1974

MEMO TO: Richard E. Marland
Interim Director, OEQC

FROM: Reginald H. F. Young¹⁴⁷
Asst. Director, WERC

SUBJECT: Draft EIS, Hanapepe Base Yard

A point neglected in the EIS is that even though no vehicle servicing (i.e., lubrication, oil change, etc.) is done at the proposed base yard, the parked vehicles will contribute pollution via overland runoff during times of storms. Vehicles can drip oil onto the pavement from transmissions and oil can be spilled while filling vehicles. In addition the filling of gasoline can result in loss to the ground (overflowing and air trapped in filling spouts). The result of such spills would contribute minor amounts of oil and heavy metals, such as lead, nickel, to the storm runoff and eventually to Hanapepe Bay via the drainage ditch.

RHFF:jmn

cc: H. Gee
Env. Ctr.

APPENDIX C

RESPONSES BY THE DEPARTMENT OF PUBLIC WORKS

FRANCIS M. F. CHING
MAYOR



AKIRA FUJITA
COUNTY ENGINEER

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
P. O. BOX 111
LIHUE, KAUAI, HAWAII 96766

Dec. 3, 1974

Dr. Richard E. Marland
Interim Director
OFFICE OF ENVIRONMENTAL QUALITY CONTROL
State of Hawaii
550 Halekauwila Street - Room 301
Honolulu, Hawaii 96813

SUBJECT: DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR CONSTRUCTION OF MAINTENANCE
BASE YARD FACILITIES AT HANAPEPE, KAUAI

Dear Dr. Marland:

Reference is made to your letter, dated November 11, 1974 with comments for the subject project.

Our response to your comments are as follows:

1. Possibility of Flooding

The possibility of inundation due to flooding has been considered, therefore all buildings and structures will be located on the higher side of the project site at an elevation of approximately 31 feet. The lower portion, approximate elevation of 10 feet, was selected to store highway construction and maintenance materials and to park heavy equipment. Other smaller equipment and vehicles will be parked next to the maintenance building.

Although we have designated the lower area for heavy equipment parking, the number to be parked at any one time will be very few because majority of the equipment will be parked near project sites and maintenance areas. In case of flooding and possible inundation, all equipment will be moved to the higher area. Rocks and sand stock piled on the lower area will not be affected by the water as we anticipate only low velocity flows that will not wash the materials away.

Concern over potential tsunami inundation of the lower area was also considered and will be handled similarly to the problem of flooding.

2. Filling of the Base Yard

All excavations and fills will be held to a minimum. Most of the cuts and fills will be at the building site and to prevent imported borrow, cuts and fills have been balanced in the designing of the project. If fills are necessary, the Contractor is responsible to supply the fill material. The site where the fill material will be removed from, will not be known until after the bids are submitted.

3. Alternative Uses For Abandoned Base Yards

The abandoned base yards will continue to be used for stock piling of road bed patching materials. Materials will be stored in neat piles located away from the road so as not to mar the beauty of our roadway scenic view. Both base yards are under executive orders designated for corporation yard use so they cannot be used for any other purpose. Furthermore, both areas are zoned Open (O) because both are located in areas subject to flooding and inundation.

The use of the abandoned base yards will be temporary until we locate better areas to store our road patching materials. When suitable sites are located in Waimea and Koloa, both base yards will be returned to the State.

4. Disposition of Abandoned Base Yards

All structures on both base yards will be demolished by our County maintenance crew. They will be demolished as soon as they are vacated and we are able to schedule the demolition.

Thank you for your comments on the the Draft Environmental Impact Statement.

Very truly yours,


AKIRA FUJITA
County Engineer

TH:sk

FRANCIS M. F. CHING
MAYOR



AKIRA FUJITA
COUNTY ENGINEER

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
P. O. BOX 111
LIHUE, KAUAI, HAWAII 96766

Dec. 3, 1974

Mr. KeNam Kim
State Comptroller
STATE OF HAWAII
Dept. of Accounting & General Services
P. O. Box 119
Honolulu, Hawaii 96810

SUBJECT: DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR CONSTRUCTION OF MAINTENANCE
BASE YARD FACILITIES AT HANAPEPE, KAUAI

Dear Mr. Kim:

Reference is made to your letter, dated October 16, 1974 that was submitted to the Office of Environmental Quality Control with comments for the subject project.

Our response to your comments are as follows:

1. There is a possibility of tsunami inundation on the lower portion of the project site, approximate elevation 10 feet, where materials for highway construction and maintenance will be stored and heavy equipment will be parked. The upper portion, where the buildings are to be located, will be at elevation 31 feet where there is no danger of inundation. In case of a tsunami alert, all equipment shall be moved to the upper area where they will be out of danger from tsunami inundation. The number of equipment to be moved will be few because most of the equipment will be parked close to project sites and maintenance areas.

Thank you very much for your comments on the Draft Environmental Impact Statement.

Very truly yours,


AKIRA FUJITA
County Engineer

TH:sk

cc: O.E.Q.C.

FRANCIS M. F. CHING
MAYOR



AKIRA FUJITA
COUNTY ENGINEER

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
P. O. BOX 111
LIHUE, KAUAI, HAWAII 96766

Dec. 3, 1974

Dr. Walter B. Quisenberry
Director of Health
State of Hawaii
Department of Health
P. O. Box 3378
Honolulu, Hawaii 96801

SUBJECT: DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR CONSTRUCTION OF MAINTENANCE
BASE YARD FACILITIES AT HANAPEPE, KAUAI

Dear Dr. Quisenberry:

Reference is made to your letter, dated November 13, 1974 that was submitted to the Office of Environmental Quality Control with comments for the subject project.

Our response to your comments are as follows:

1. We are proposing to construct a solid waste transfer station adjacent to this project and the location is shown as "future" on the attached map. A separate Draft Environmental Impact Statement will be written for the proposed project.
2. All environmental control items noted in the EIS will be carried out in the construction and operation of the proposed Hanapepe Base Yard.

Thank you very much for your comments on the Draft Environmental Impact Statement.

Very truly yours,


AKIRA FUJITA
County Engineer

TH:sk
Encl. 1
cc: O.E.Q.C.



HANAPEPE DRAINAGE DITCH

10' GATE

AGGREGATE PAD

STORAGE DIRT

State Highways Division
Equipment and Vehicle
Parking Area

10' GATE

Low Area

HEAVY EQUIPMENT
PARKING

CHAIN LINK FENCE

BLDG. MAINT.
BUILDING

A.C. PAVING

Future Solid Waste Transfer Station

APPROX. TOP OF BANK

TOOL ROOM
PAINTING
ELECTRICAL
WOOD

PARTS & REPAIR
& STORAGE

A.C. PAVING (ALT)

A.C. PAVING (ALT)

D.R.O. - DISTRICT ROAD OVERSEER
S.R.O. - SIDE ROAD OVERSEER

LELE ROAD

HANAPEPE BASEYARD

SCALE: 1" = 10'

ATTACHMENT C

FRANCIS M. F. CHING
MAYOR



AKIRA FUJITA
COUNTY ENGINEER

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
P. O. BOX 111
LILUO, KAUAI, HAWAII 96766

Dec. 3, 1974

Mr. Elroy Chinn
Acting Chief, Engineering Division
DEPARTMENT OF THE ARMY
U.S. Army Engineer District, Honolulu
Bldg. 230, Ft. Shafter
APO San Francisco 96558

SUBJECT: DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR CONSTRUCTION OF MAINTENANCE
BASE YARD FACILITIES AT HANAPEPE, KAUAI

Dear Mr. Chinn:

Reference is made to your letter dated October 31, 1974 that was submitted to the Office of Environmental Quality Control with comments for the subject project.

Our response to your comments are as follows:

1. The possibility of inundation due to flooding has been considered, therefore all buildings and structures will be located on the higher side of the project site at an elevation of approximately 31 feet. The lower portion, approximate elevation of 10 feet, was selected to store highway construction and maintenance materials and to park heavy equipment. Other smaller equipment and vehicles will be parked next to the maintenance building.

Although we have designated the lower area for heavy equipment parking, the number to be parked at any one time will be very few because majority of the equipment will be parked near project sites and maintenance areas. In case of possible flooding and inundation, all equipment will be moved to the higher area. Rocks and sand stock piled on the lower area will not be affected by the water as we anticipate low velocity flows that will not wash the materials away.

2. All excavations and fills will be held to a minimum. Most of the cuts and fills will be at the building site and to prevent borrow, cuts and fills have been balanced in the designing of the project. If fills are absolutely necessary, the Contractor is responsible to supply the fill material. The site where the fill material will be removed from, will

Mr. Elroy Chinn

2.

Dec. 3, 1974

not be known until after the bids are submitted.

Thank you very much for your comments on the Draft Environmental Impact Statement.

Very truly yours,


AKIRA FUJITA
County Engineer

TH:sk

cc: O.E.Q.C.

FRANCIS M. F. CHING
MAYOR



AKIRA FUJITA
COUNTY ENGINEER

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
P. O. BOX 111
LIHUE, KAUAI, HAWAII 96766

Dec. 3, 1974

UNIVERSITY OF HAWAII
Water Resources Research Center
Office of the Director
Manoa Campus
Honolulu, Hawaii 96822

Attention: Reginald H. F. Young

Dear Sir:

SUBJECT: DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR CONSTRUCTION
OF MAINTENANCE BASE YARD FACILITIES AT HANAPEPE, KAUAI

Reference is made to your letter, dated October 29, 1974 that was submitted to the Office of Environmental Quality Control with comments for the subject project.

Our response to your comments are as follows:

1. We are aware of oil drips from equipment transmissions and oil and gasoline spillage while filling the equipment and will take every precaution to minimize drippings and spillage. Positive action will be taken to prevent such occurrence through better maintenance, controls and operations as outlined below:
 - a. All equipment shall be properly maintained to meet all OSHC requirements. Properly maintained equipment will have no drips or will be negligible.
 - b. Service station attendants will be properly instructed in filling gasoline and oil. The possibility of polluting the surrounding area and the Hanapepe Bay will be stressed to all attendants. All gasoline filling nozzle will be equipped with automatic shut off valve to minimize gas spillage.
 - c. All equipment shall be serviced regularly at our central automotive maintenance yard at Wailua, thus decreasing the number of times oil must be filled at the Hanapepe Base Yard.

University of Hawaii

2.

Dec. 3, 1974

Thank you very much for your comments on the Draft Environmental Impact Statement.

Very truly yours,



AKIRA FUJITA
County Engineer

TH:sk

cc: O.E.Q.C.