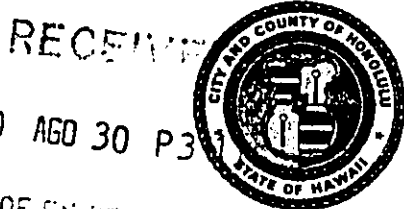


DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET
HONOLULU, HAWAII 96813

FRANK F. FASI
MAYOR



OFFICE OF ENVIRONMENTAL
QUALITY CONTROL

August 29, 1990

SAM CALLEJO
DIRECTOR AND CHIEF ENGINEER

C. MICHAEL STREET
DEPUTY DIRECTOR

In reply refer to:

WPP 90-491

Office of Environmental Quality
Control
State of Hawaii
465 So. King Street, Room 104
Honolulu, Hawaii 96813

Gentlemen:

Subject: Waimano Home Road Reconstructed Sewer
TMK: 9-7-20 to 22, 24, 32, 33 and 35

This letter is a Notice of Negative Declaration for the Waimano Home Road Reconstructed Sewer, Pearl City, Hawaii, pursuant to Chapter 343, HRS. The construction of the proposed project between Noelani Street and the Pearl City Wastewater Pump Station will involve the use of City funds. This notice of determination was based on an environmental assessment prepared by Gray, Hong, Bills and Associates, Inc., after consulting with other agencies and individuals. Four (4) copies of the Final Environmental Assessment are attached. The pertinent data for this notice are as follows:

1. Proposing Agency - Department of Public Works, City and County of Honolulu.
2. Proposed Action - The proposed project consists of installing approximately 6,000 lineal feet of 18 to 24-inch sewer lines along Waimano Home Road between Noelani Street and the Pearl City Wastewater Pump Station.

Environmental impacts are primarily short-term relating to construction activities which will interfere with normal traffic. Air quality, ambient noise levels, and traffic circulation along Waimano Home Road, Lehua Avenue, Road "A", Hugh Street and Kamehameha Highway may be affected during construction. Construction activities may impact the underground utilities; however, construction plans will be submitted to the utility companies for review and approval prior to construction.

The contractor will be required to mitigate the impacts during construction by following State and County regulations on controlling dust and noise, posting warning signs and covering or barricading trenches when required for safety.

In the long term, the project would provide adequate sewer capacity for the tributary area to support the City's Development Plan.

3. Determination - After reviewing the Environmental Assessment prepared for the project and consulting with other government agencies, community organizations and individuals, we have determined that the proposed project will not have a significant impact on the environment, and an Environmental Impact Statement is not required.

100

Office of Environmental Quality Control
Page 2
August 29, 1990

4. Reasons Supporting Determination - Reasons and conditions supporting the determination are based on the following criteria. The proposed project will not:

- destroy any archaeological, historical or cultural resources;
- affect any rare or endangered flora or fauna species and its habitat;
- degrade environment quality;
- conflict with the State's environmental policies and goals expressed in Chapter 344, HRS.

5. Contact Person - Jay Hamai
Division of Wastewater Management
Department of Public Works
650 South King Street, 14th Floor
Honolulu, Hawaii 96813
Telephone No. 523-4653

Very truly yours,

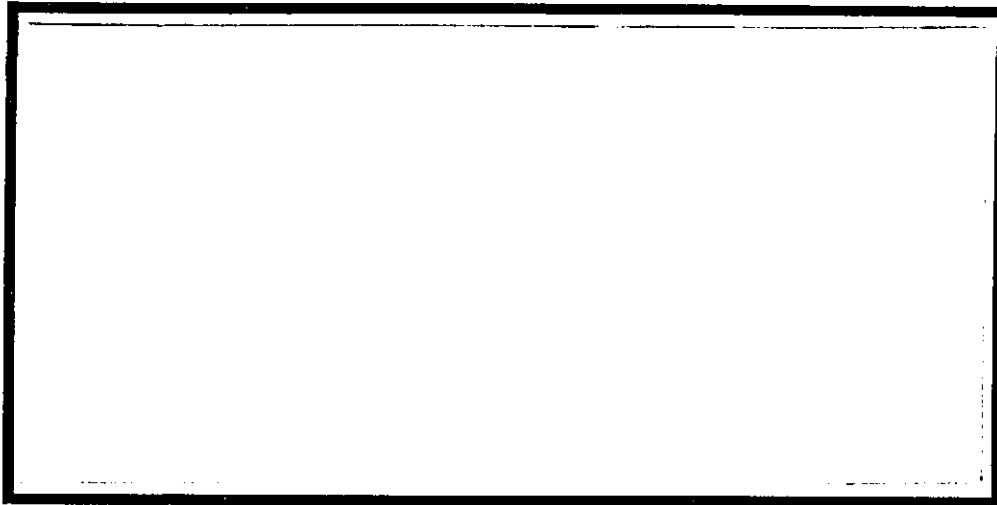
C. Michael Sever
SAM CALLEJO
Director and Chief Engineer

Attachment (4 copies)

cc: Department of General Planning
Department of Land Utilization

1990-09-08-OP+FBA

FILE COPY



Gray · Hong · Bills & Associates, Inc.
CONSULTING ENGINEERS

119 Merchant Street, Suite 607, Honolulu, Hawaii 96813, Tel: (808) 521 0306, Fax: (808) 531 8018

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU

FINAL
ENVIRONMENTAL IMPACT ASSESSMENT

FOR

★ WAIMANO HOME ROAD RECONSTRUCTED SEWER
(NOELANI STREET TO HUGH STREET) ★

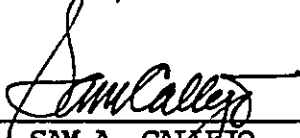
PEARL CITY, OAHU, HAWAII

TAX MAP KEY: 9-7-20, 9-7-21, 9-7-22, 9-7-24
9-7-32, 9-7-33 & 9-7-35

This Document is Prepared Pursuant to Chapter 343, H.R.S.

PROPOSING AGENCY: Department of Public Works
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

RESPONSIBLE OFFICIAL:


SAM A. CALLEJO
Director and Chief Engineer

3-9-90
DATE

PREPARED BY

Gray, Hong, Bills & Associates, Inc.
119 Merchant Street, Suite 607
Honolulu, Hawaii 96813
Phone: 521-0306

February 26, 1990

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FIGURES

- 1 - LOCATION MAP
- 2 - PROJECT AREA MAP
- 3 - SEWAGE TRIBUTARY AREA MAP
- 4 - PARTIAL SPECIAL MANAGEMENT AREA MAP
- 5 - DEVELOPMENT PLAN MAP
- 6 - STATE LAND USE MAP

FINAL ENVIRONMENTAL ASSESSMENT

WAIMANO HOME ROAD RECONSTRUCTED SEWER
(NOELANI STREET TO HUGH STREET)
PEARL CITY, OAHU, HAWAII

I. DESCRIPTION OF THE PROPOSED ACTION AND STATEMENT OF OBJECTIVES

A. Project Description

The proposed project is part of the Honouliuli Wastewater System and is located in Pearl City, Oahu, as shown on Figure 1. The project stretches between the intersection of Noelani Street and Waimano Home Road and the 42-inch Pearl City Trunk Sewer in the vicinity of Hugh Street. Approximately 5,900 lineal feet of gravity sewer are affected. The gravity sewer exists within Waimano Home Road, Lehua Avenue, Road "A" and Hugh Street. All streets are public rights-of-way, with the exception of Hugh Street. Hugh Street is a 20-foot right-of-way owned by various landowners who have frontage on the road. The affected City and County sewer exists in the Hugh Street right-of-way by grant of easement.

The proposed project will consist of reconstruction of 5,900 lineal feet of sewer. The existing sewer varies in size between 15 inches and 24 inches. The reconstructed sewer will vary in size between 18 inches and 30 inches. Included within the project is the construction or reconstruction of 23 sewer manholes.

Three alternatives have been proposed for the project. These alternatives are:

Alternative 1 - Reconstruction and complete replacement of all 5,900 lineal feet of existing sewer pipe utilizing the existing trench.

Alternative 2 - Abandonment of the 5,900 lineal feet of existing sewer and construction of a new parallel sewer in a separate trench.

Alternative 3 - Retain the existing sewer and construction of a new parallel sewer utilizing both the existing sewer and new sewer.

The corridor required for all these alternatives is shown on Figure 2. One alternative will be selected as the proposed project in conjunction with the preparation of a Preliminary Engineering Report being made for the City and County Division of Wastewater Management. All alternatives satisfy the project's objective.

B. Statement of Objectives

The objective of the proposed project is to provide sewer mains with adequate capacity to effectively accommodate existing sewage flows and expected increases in sewage flows from the Waimano Home Road Sewage Tributary Area (Figure 3).

The Development Plan of the City and County of Honolulu shows the tributary area (see Figure 3) as containing residential, industrial, commercial, institutional, agricultural, recreational (parks) and preservation land uses. By far, the largest land use within the tributary area is residential. Residential land use has predominated in the area due to its proximity to the employment centers of downtown Honolulu and the Pearl Harbor naval complex.

Population growth within the service area is not anticipated to be significant due to the fact that the area is substantially developed. However, the most significant factor affecting future

sewage generation is that resulting from Ohana zoning. In 1982, the Ohana Zoning Ordinance (Ordinance 82-44) was adopted allowing second dwelling units on lots that heretofore would not qualify for a second unit. The existing residential density in the tributary area is approximately 4.25 dwelling units per acre. The design residential density (for the purpose of determining equivalent population) is 6 dwelling units per acre. The following summary shows the comparison of the existing and ultimate conditions which have been evaluated.

DESIGN DATA SUMMARY

	<u>Existing (1988)</u>	<u>Ultimate Development</u>
Design Equivalent Population (persons)	69,448	78,203
Area Served (acres)	2,529	2,650
Design Flow Rates (million gallons per day)		
Average Flow	5.11	5.82
Peak Flow	17.78	19.61
Pipe Data		
Size (diameter in inches)	15-24	18-30
Capacity (million gallons per day)	7.72	20.53

As shown in the summary, estimated peak sewage flows are expected to increase from 17.78 million gallons per day to 19.61 million gallons per day. The existing 15-24 inch gravity sewer located between Noelani Street and the 42-inch Pearl City interceptor is not that old (construction between 1955 and 1964); however, there is inadequate capacity to accommodate the existing sewage flows, as well as estimated increased sewage flows.

Preliminary engineering reconnaissance, conducted by the Planning and Public Service Branch of the Division of Wastewater Management, Department of Public Works, City and County of Honolulu, has resulted in the identification of this project for potential improvements. This proposed project is a part of the comprehensive wastewater management plan by the City and County of Honolulu to continue to provide adequate sewer capacities to serve the people within its municipal jurisdiction. It exemplifies the awareness of the local municipal government officials to what is a nation-wide problem of inadequate sewer system infrastructure.

II. AGENCIES CONSULTED IN THE ASSESSMENT PROCESS

The proposed project is an agency-proposed action by the City and County of Honolulu and must undergo evaluation to determine the significance of the various environmental impacts. As an agency-proposed action, the assessment process provides for such evaluation by publishing the contents of the agency's environmental assessment and soliciting comments from other agencies and the general public. The comments are solicited to provide information for filing a determination.

A. State of Hawaii

Department of Health
Office of Environmental Quality Control
Department of Land and Natural Resources
Department of Business and Economic Development
Department of Transportation
Office of State Planning

B. City and County of Honolulu

Department of General Planning
Department of Land Utilization
Department of Transportation Services
Board of Water Supply
Fire Department
Police Department
Pearl City Neighborhood Board No. 21

C. Federal

U.S. Army Corps of Engineers

D. Others

AT&T
Hawaiian Electric Company, Inc.
Hawaiian Telephone Company
GASCO, Inc.
Oceanic Cablevision
Momi Community Association
Pearl City Community Association
Pearl City Merchants Association

III. DISCUSSION OF THE ASSESSMENT PROCESS

This environmental assessment is prepared in accordance with Section 11-200-9 of the Environmental Impact Statement Rules, Title 11, Chapter 200, Department of Health, State of Hawaii, pursuant to Chapter 343, Hawaii Revised Statutes.

An assessment at the earliest practicable time is necessary in order to determine and evaluate any significant environmental impacts due to the proposed action. The potential impacts were identified and evaluated to determine the need for an environmental impact statement. Other agencies having jurisdiction or expertise were consulted during this assessment process.

IV. DESCRIPTION OF THE AFFECTED ENVIRONMENT

The proposed project serves a tributary area of 2,650 acres, as shown on Figure 3. However, the proposed project boundaries are limited to a 5,900-foot long corridor between Noelani Street and the 42-inch Pearl City collector sewer, as shown on Figure 2. The topography of the project area can be divided into two distinct portions. Above Kamehameha Highway the terrain slopes toward Pearl Harbor at a grade of 6 percent, with elevations varying between 150 feet Mean Sea Level (MSL) and 45 feet (MSL). Below Kamehameha Highway the area is flat to gently sloping, with elevations ranging between 40 feet (MSL) and 10 feet (MSL).

The proposed project will be constructed within existing street rights-of-way or easements and will not impact on any existing flora, fauna or known natural, historical or archaeological sites.

The affected roadways associated with the project are Waimano Home Road, Lehua Avenue, Road "A" and Hugh Street. The project must also cross the Kamehameha Highway right-of-way. Construction activities will temporarily affect traffic on all roadways. Waimano Home Road and Kamehameha Highway are heavily traveled corridors, while Lehua Avenue, Road "A" and Hugh Street pose less of a construction-related traffic impact. All roadways and easements affected by the project contain underground utilities including sewer laterals, waterlines, storm drain lines, electrical conduits, telephone conduits and gas lines. These underground utilities will be encountered during construction work.

A portion of the project is within the City and County of Honolulu Special Management Area (SMA). It is estimated that the 250-foot length of existing sewer directly upstream of the 42-inch Pearl City trunk sewer falls within this area. Figure 4 shows a portion of the City and County of Honolulu Special Management Area map for this area. It is estimated that the total cost of construction for work within the Special Management Area is \$53,000.

The Development Plan of the City and County of Honolulu identified projected growth areas on Oahu. Figure 5 shows the Development Plan for the tributary area. The area is currently predominately residential and undeveloped lands within the tributary area are designated as residential.

The State Land Use Districts identify land use by four categories. These categories are urban, rural, agricultural and conservation. Figure 6 shows the State Land Use for the tributary area. The entire tributary area is in the Urban District.

V. GENERAL DESCRIPTION OF THE ACTION'S TECHNICAL,
SOCIAL, ECONOMIC, AND ENVIRONMENTAL CHARACTERISTICS

A. Technical Characteristics

The existing sewer that is the focus of the proposed project is part of the Honouliuli Wastewater System. The affected sewer was constructed in various phases between 1955 and 1964, based on a review of the City's as-built construction plans. Sewage flows from the tributary area to the Pearl City Sewage Pump Station for transmission to the Honouliuli Wastewater Treatment Plant for treatment and disposal. In its present condition, the project sewer is characterized as follows:

- Relatively new sewer with good integrity
- Partially located in busy roadways
- Does not have sufficient hydraulic capacity to carry existing peak flows
- Does not have sufficient hydraulic capacity to carry projected peak flows

The proposed project will be one of three alternatives that are currently being evaluated. Alternative 1 calls for demolition of the existing sewer as shown on Figure 2, with replacement sewer (18-30 inch) and sewer manholes constructed in the same trench. Alternative 2 calls for complete abandonment of the existing sewer, with construction of a new sewer (18-30 inch) and sewer manhole system in a parallel trench. The parallel trench will be approximately 8 feet away from the existing sewer. The final alternative, Alternative 3, requires construction of a parallel sewer similar to Alternative 2; however, both the existing sewer and parallel sewer will remain in

service to convey sewage. The size of the new parallel sewer will vary between 18- and 24-inch diameter.

In order to accomplish sewer reconstruction, various segments of the sewer line must be taken out of service. The contractor will be required to set up temporary by-pass pumping equipment along the project throughout the construction period to ensure continuous sewage flow through the tributary area. The use of temporary by-pass pumping equipment should not have any impact on the general public, but has been identified as one of the project's critical technical features.

The technical characteristics of the proposed project are based on preliminary studies and are approximate only. Minor changes are expected during the design and construction stages to correspond with final engineering calculations and to accommodate actual field conditions.

The construction of the proposed project will be specified to meet all City and County of Honolulu standards.

B. Social and Economic Characteristics

The social implications of the proposed action will be negligible due to the subsurface nature of the project. The proposed project will not displace any families nor any commercial establishments and will not cause any hardship to the landowners and/or lessees. The upgraded sewer main will provide for the anticipated increase in sewage flows from the sewage tributary area that is associated with the new Development Plan.

However, proposed work on Hugh Street will be within a private road owned by all landowners who have frontage on this street. The street width is only 20 feet and some hardship is anticipated during the actual construction period due to an inevitable temporary loss of access. In addition, some landowners have constructed garages over the existing City sewer easement which will interfere with the proposed construction. To avoid work within the private roadway, an alternative alignment, as shown on Figure 2, will be evaluated [see Segment 4 (Alt)].

There are three proposed project alternatives. The estimated cost for the construction alternatives varies between \$1,600,000 and \$1,950,000. Construction funds will be appropriated from the City's Capital Improvement Program. This proposed project will not increase user service charges, nor will it require direct assessment to the residents being served.

C. Environmental Characteristics

Long-term environmental impacts resulting from the proposed action will be negligible since the project is an underground system within a developed urban area. However, some short-term impacts relating to construction operation are expected.

There are no known conditions of significant impact on wildlife in the area. There are no known endangered flora or fauna within the project area. There are no known natural, historical or archaeological sites within the project area. However, should any evidence of historical and/or archaeological sites be uncovered during excavation, the Contractor shall stop work and the State Historic Preservation Officer will be notified.

VI. IDENTIFICATION AND SUMMARY OF MAJOR IMPACTS
AND PROPOSED MITIGATION MEASURES

A. General

Most of the impacts associated with the proposed project are minor. The probable impacts on the environment resulting from this proposed project can be divided into two categories:

1. The short-term impacts, which are the impacts associated with construction activities;
2. The long-term impacts, which follow the construction period.

B. Short-Term Impacts

Although all government regulations concerning construction will be adhered to, some short-term effects associated with construction activities are anticipated. These short-term effects are as follows:

1. Noise, exhaust, and dust emissions resulting from the movement of construction materials and equipment.
2. Interference with normal traffic patterns on Waimano Home Road, Lehua Avenue, Road "A", Hugh Street and Kamehameha Highway due to construction activities.
3. Interference with and construction labor exposure to existing sewer facilities.

C. Long-Term Impacts

The long-term impacts of the proposed project are as follows:

1. Commitment of space taken by the underground pipeline will be a negligible adverse effect.

2. Assurance of a sewer system with adequate capacity for the Waimano Home Road Tributary Area to support the City's Development Plan and Ohana Zoning Ordinance will be a beneficial effect.

D. Mitigation Measures Proposed to Minimize Impacts

Several conventional methods will be used to mitigate the adverse effects due to construction activities. Construction can be limited to normal daylight working hours, whereby the Contractor will be required to comply with Section 26, Chapter 60, "Air Pollution Control" and Chapter 43, "Community Noise Control for Oahu," of Title 11, Administrative Rules of the Department of Health, State of Hawaii. Construction can be specified for night work, as an option, to avoid interference with daytime activities in the project area. However, the night work would require a noise variance.

There will be inconvenience for vehicular and pedestrian traffic during the construction period. Vehicular and pedestrian access will be maintained at all times. The Contractor will be required to comply with safety precautions and measures as prescribed in the "Rules and Regulations Governing Use of Traffic Control Devices at Work Sites on or Adjacent to Public Streets and Public Highways", as adopted by the State Highways Safety Coordinator, and Part VI, "Traffic Controls for Highway Construction and Maintenance Operations," of the "Manual on Uniform Traffic Control Devices for Streets and Highways," April 1980. Construction in the roadway area can be limited to the non-peak hours between 8:30 AM and 3:30 PM, Monday through Friday. To avoid interference with the normal daytime

activities, construction can be specified for night work, as an option, with the appropriate noise variance. All existing street improvements will be restored to original or better condition after installation of the sewer line is completed.

Private rights-of-way and driveways will be kept open at all times, unless the owners of the properties using these rights-of-way are otherwise provided for satisfactorily. Traffic to and from the private properties will be provided at all times and the Contractor will be required to minimize inconveniences to the property owners. All driveway approaches and other private property improvements will be restored to original or better condition after the installation of the sewer line is completed.

With respect to Hugh Street, all affected landowners will be contacted and a plan will be created to the satisfaction of the landowner and the City that construction activities can commence.

VII. ALTERNATIVES TO THE PROPOSED ACTION

Alternatives to the proposed action are:

- a. No Action
- b. Delay the Project
- c. Partial Implementation

A. No Action

The No Action Alternative will be inconsistent with the planned policies of the City and County of Honolulu to provide adequate and reliable sewage facilities for the Waimano Home Road Tributary Area

and the City's Development Plan for the Pearl City area. As the system ages, with more inflow/infiltration (I/I) and faults in the system, overflows may occur.

B. Delay the Project

Delay of the proposed project will initially have the same effect as "No Action", as described above. Construction at a later date will result in an increase in construction cost due to inflation. The Delay the Project Alternative is not appropriate.

C. Partial Project Implementation

To complete only a portion of the project will only partially implement the goals of this project. Partial implementation must occur in the order of Segment 4, Segment 3, Segment 2 and Segment 1. The portions of the project deleted from the scope will be subject to higher construction costs at a later date due to inflation.

VIII. DETERMINATION

The recommended alternative for the Waimano Home Road Reconstructed Sewer Project is Alternative 3, which calls for the retention of the existing sewer and construction of a new parallel sewer utilizing both the existing and the new sewers.

IX. FINDINGS AND REASONS SUPPORTING PRELIMINARY DETERMINATION

The following is a listing of major considerations for the selection of the recommended alternative.

A. Capital costs for each alternative are as follows:

Alternative 1 - \$2,426,000

Alternative 2 - \$1,995,000

Alternative 3 - \$1,857,000

Based solely on cost analysis, the recommended alternative is the least expensive.

B. Use of a parallel sewer will minimize disruption of service for properties currently connected to the City & County wastewater collection system. The majority of sewer laterals connecting to the main trunk sewer will remain intact and the parallel sewer will solely provide additional capacity. Alternatives 1 and 2 require reconnection of all existing sewer laterals to the new trunk sewer.

92 B

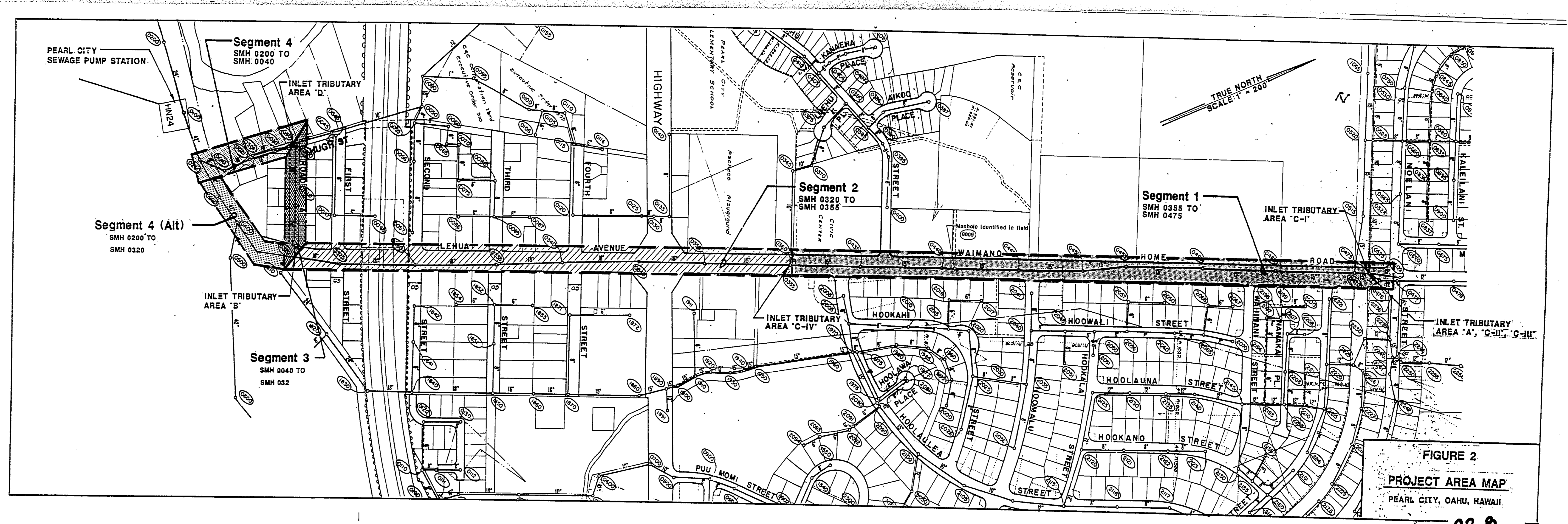


FIGURE 2
PROJECT AREA MAP
PEARL CITY, OAHU, HAWAII

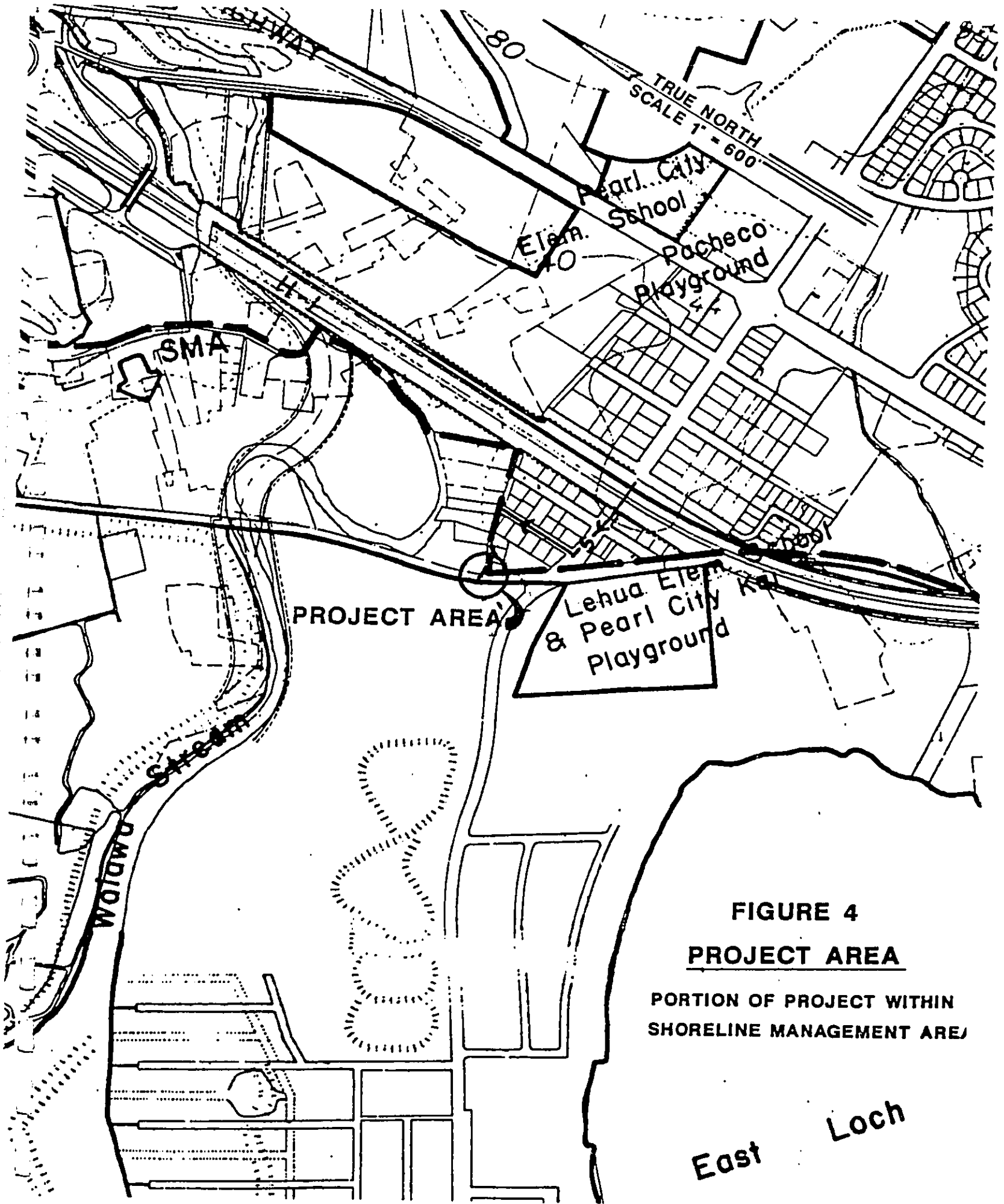


FIGURE 4
PROJECT AREA
PORTION OF PROJECT WITHIN
SHORELINE MANAGEMENT AREA

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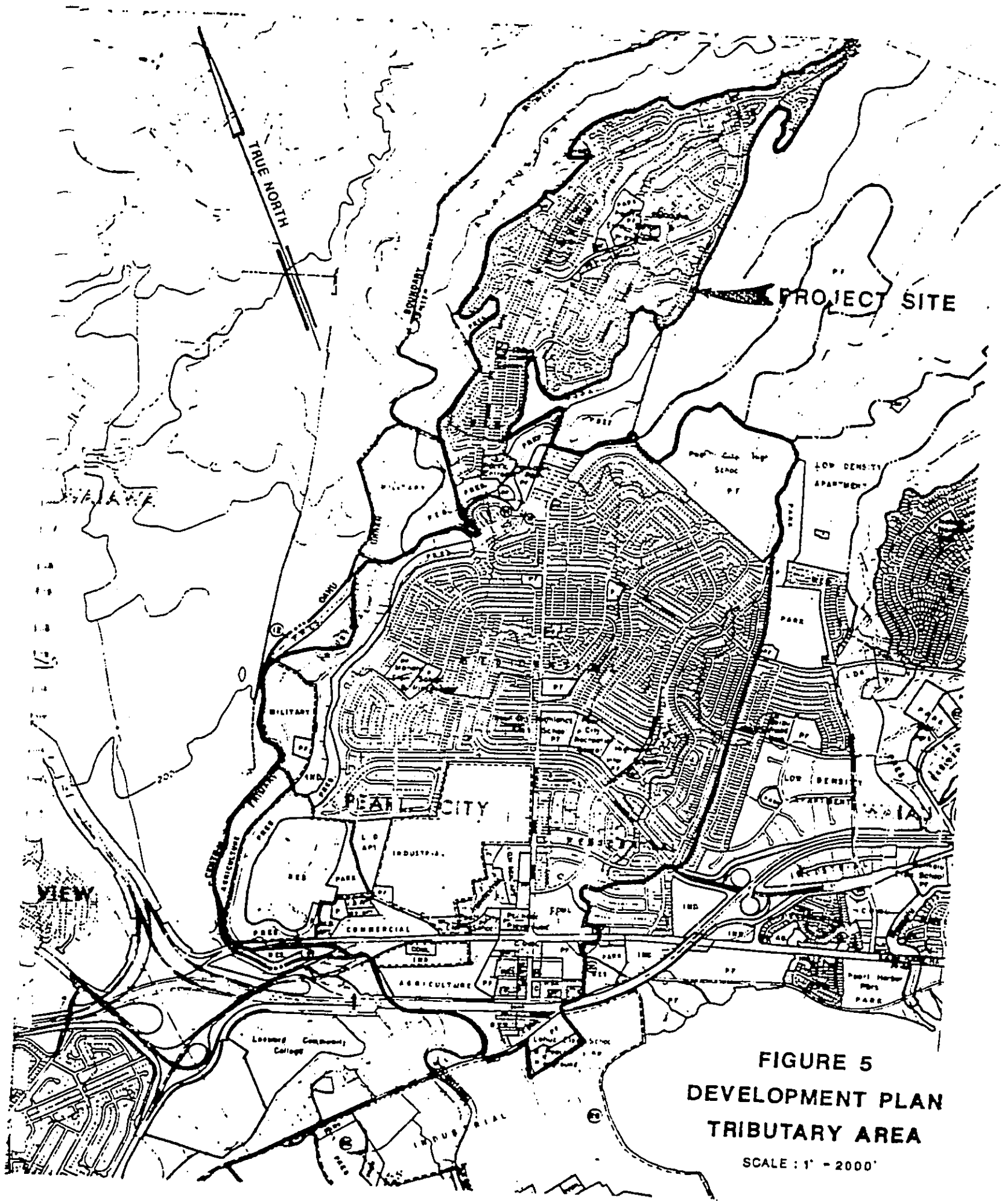


FIGURE 5
DEVELOPMENT PLAN
TRIBUTARY AREA

SCALE : 1" = 2000'

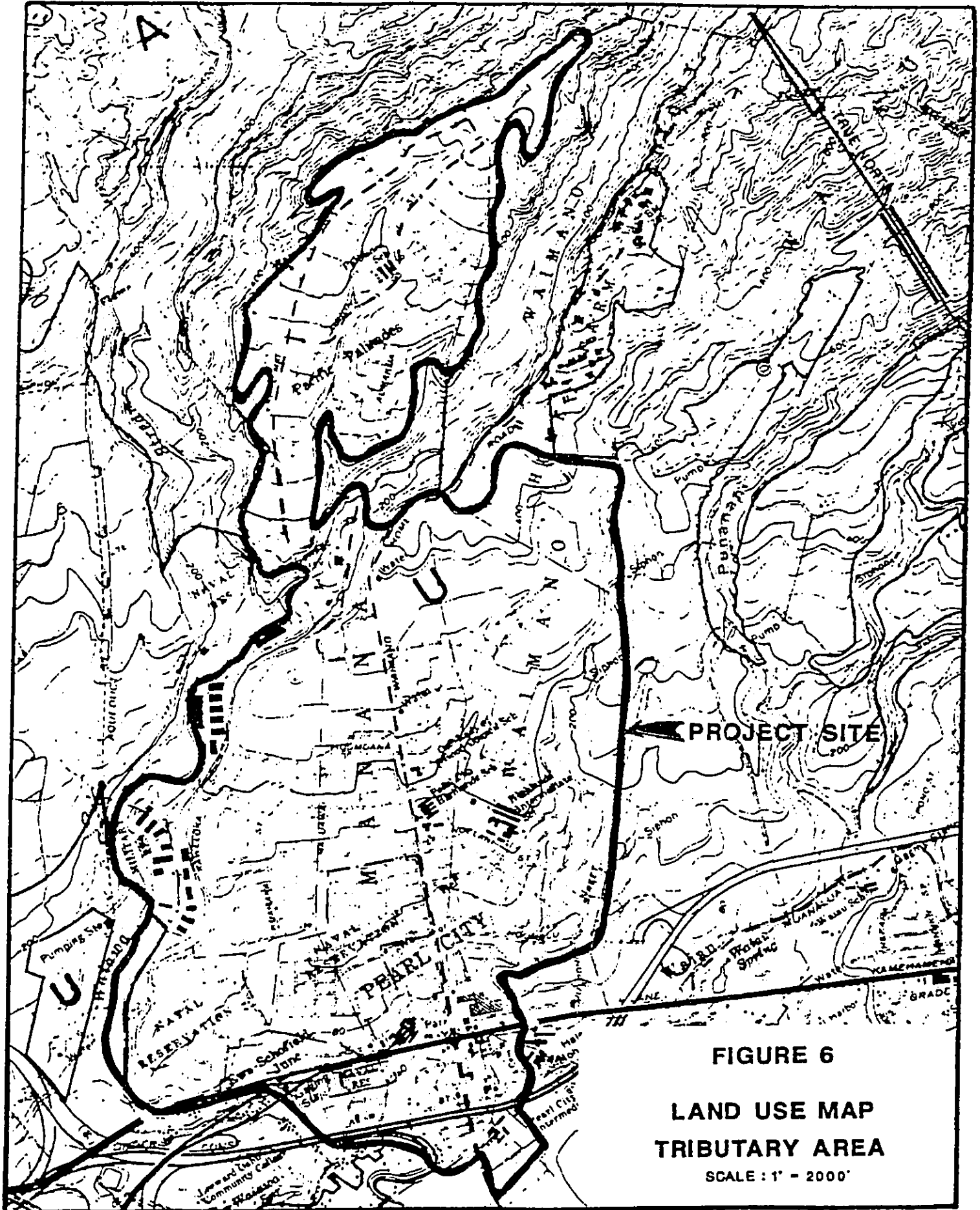


FIGURE 6
LAND USE MAP
TRIBUTARY AREA
SCALE: 1" = 2000'

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COMMENTS FROM CONSULTED PARTIES

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET
HONOLULU, HAWAII 96813



FRANK FASI
MAYOR

SAM CALLEJO
DIRECTOR AND CHIEF ENGINEER
C MICHAEL STREET
DEPUTY DIRECTOR

In reply refer to:
WPP 90-439

July 27, 1990

Mr. William Bonnet
Hawaiian Electric Company
P.O. Box 2750
Honolulu, Hawaii 96840-0001

Dear Mr. Bonnet:

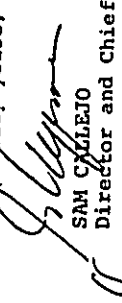
Subject: Environmental Assessment for
Waimano Home Road Reconstructed Sewer

We have received your correspondence dated May 9, 1990 regarding the subject project and we are providing the following comments.

1. Actual design of the improvements will require a complete topographic survey be prepared for the project area. Construction plans will be prepared based on the topographic survey and these plans will be submitted to your office for your review and approval. This procedure should eliminate any conflicts with your utilities.
2. Construction notes will be prepared as part of the construction plans. We believe the items covered in your May 9, 1990 letter are currently covered by existing construction notes. However, as indicated above, the construction plans will be routed to your office for review and approval prior to construction.

Should you have any questions, please call Jay Hamai at 523-4653.

Very truly yours,


SAM CALLEJO
Director and Chief Engineer

Hawaiian Electric Company, Inc. - P.O. Box 2750 - Honolulu, HI 96840-0001

RECEIVED
MAY 31 3 31 PM '90



William A. Bonnet
Mayor
Environmental Department

May 9, 1990

Mr. Sam Callejo
Director and Chief Engineer
Department of Public Works
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

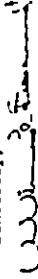
Dear Mr. Callejo:

Subject: Final Environmental Impact Assessment for Waimano Home Road Reconstruction Sewer (Koaie Street to Hugh Street) Pearl City, Oahu, Hawaii

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

1. We have attached a print (see Enclosure) of the project area that shows the approximate location of our existing facilities. The proposed sewer line will be crossing several existing HECO underground lines along Waimano Home Road. As sewer lines are traditionally much deeper than our underground lines, it is unlikely that conflicts will exist. We will provide HECO's requirements on the protection of these and HECO's other facilities in the project area at the review process of the design plans.
2. On page 7, reference is made that HECO's existing underground lines will be encountered within the limits of construction. As a result, the following notes should be included in the final construction drawings:
 - a. The Contractor is to exercise extreme caution when the excavation and construction crosses or is in close proximity to HECO's facilities.
 - b. The Contractor is to comply with the directions of the State of Hawaii Occupational Safety and Health Law (DOOSH).
 - c. When excavation is adjacent to or under existing facilities, the Contractor is responsible for properly sheeting and bracing the excavation and stabilizing the existing ground to render it safe and secure from possible slides, cave-ins, and settlement, and for properly supporting existing facilities with beams, struts or underpinning to fully protect these from damage.
 - d. Should it become necessary, any work required to relocate HECO facilities shall be done by HECO. The Contractor shall be responsible for all costs and coordination.
 - e. The Contractor shall be liable for any damages to HECO's facilities.
 - f. The Contractor shall report any damages to HECO's Trouble Dispatch at phone number 543-7874.

Sincerely,



Enclosure

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



SAM CALLEJO
DIRECTOR
C. MICHAEL STREET
HONOLULU

In reply refer to:
HPP 90-313

May 31, 1990

MEMORANDUM

TO: MR. ALFRED J. THIEDE, DIRECTOR
DEPARTMENT OF TRANSPORTATION SERVICES

FROM: SAM CALLEJO, DIRECTOR AND CHIEF ENGINEER
DEPARTMENT OF PUBLIC WORKS

SUBJECT: WAIMANO HOME ROAD RECONSTRUCTED SEWER
ENVIRONMENTAL ASSESSMENT

Thank you for your memorandum dated April 26, 1990 regarding the subject project. Your comments, as well as this response, will be incorporated into the Environmental Assessment. We concur with your traffic concerns to:

1. Keep at least one lane in each direction during construction, open at all times
2. Provide access to all abutting properties
3. Submit to your department for review and comment, construction plans showing all work within the City's right-of-way including detour plan.

Should you have any questions, please call Jay Hamai at 523-4653.

[Signature]
SAM CALLEJO
Director and Chief Engineer

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



ALFRED J. THIEDE
DIRECTOR
C. MICHAEL STREET
HONOLULU

TE-1685
PL90-1.106

April 26, 1990

MEMORANDUM

TO: SAM CALLEJO, DIRECTOR AND CHIEF ENGINEER
DEPARTMENT OF PUBLIC WORKS

FROM: ALFRED J. THIEDE, DIRECTOR

SUBJECT: WAIMANO HOME ROAD RECONSTRUCTED SEWER
ENVIRONMENTAL ASSESSMENT
TMK: 9-7-30, 21, 22, 24, 32, 33, 35

This is in response to your memorandum dated March 23, 1990 requesting our comments on the subject project.

Our traffic concerns are as follows:

1. During construction, at least one lane in each direction should be kept open at all times.
2. Access should be provided to all abutting properties.
3. Construction plans showing all work within the City's right-of-way including a detour plan should be submitted to our department for review and comment.

Should you have any questions, please contact Wayne Makamoro of my staff at 523-4190.

[Signature]
ALFRED J. THIEDE

Handwritten notes:
CALLEJO
4/26/90

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



Marvin T. Miura, Ph.D., Director
 State of Hawaii
 Office of Environmental Quality Control
 465 South King Street, Room 104
 Honolulu, Hawaii 96813

Dear Dr. Miura:

SUBJECT: Waimano Home Road Environmental Assessment

We thank you for your letter dated April 3, 1990 regarding the subject project. Your comment letter as well as this response will be incorporated into the Environmental Assessment.

With respect to your suggestion that the assessment include some discussion regarding the necessity to upgrade the capacity of the Honouliuli Wastewater Treatment Plant, we are identifying herein that connections to the Waimano Home Road Reconstructed Sewer Project cannot be initiated unless sufficient capacity at the plant is made available.

If you have any questions, please call Jay Hamai at 523-4653.

Very truly yours,

Sam Callejo
 SAM CALLEJO
 Director and Chief Engineer

SAM CALLEJO
 DIRECTOR AND CHIEF ENGINEER
 465 SOUTH KING STREET
 HONOLULU HAWAII 96813

In reply refer to:
 WPP 90-309

May 30, 1990



STATE OF HAWAII
 OFFICE OF ENVIRONMENTAL QUALITY CONTROL
 465 SOUTH KING STREET, ROOM 104
 HONOLULU, HAWAII 96813

April 3, 1990

Mr. Sam Callejo
 Department of Public Works
 City and County of Honolulu
 650 S. King St.
 Honolulu, HI 96813

Dear Mr. Callejo:

The Office of Environmental Quality Control has reviewed the Final Environmental Assessment for the Waimano Home Reconstructed Sewer and finds the document to be complete in accordance with Chapter 343 HRS and Title 11, Chapter 200 HAR.

We concur that no significant environmental impacts will result from this project and that a negative declaration is in order. Some discussion of the need to upgrade the capacity of the Honouliuli Wastewater Treatment Plant should be included to address the additional flows related to this project.

Thank you for the opportunity to review this draft document. Please send the final document in for publication in the OECC bulletin at your convenience.

Please contact Steve Holmes, staff planner, if you have any questions.

Sincerely,

Marvin T. Miura
 Marvin T. Miura, Ph.D.
 Director, Office of Environmental
 Quality Control

*3/26/90
 Steve Holmes
 p. 10-10/10/90*

DATE: APR 3 1990

TELEPHONE NO.
 548-9613

POST MARK
 HONOLULU HI

APR 5 12 43 PM '90

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



EDWARD Y. HIRATA
DIRECTOR

EDWARD Y. HIRATA
DIRECTOR

In reply refer to:
MPP 90-291

May 18, 1990

Mr. Edward Y. Hirata
Director of Transportation
Department of Public Works
State of Hawaii
Honolulu, Hawaii 96813-5097

Attention: Mr. Tetsuo Harano

Dear Mr. Hirata:

Subject: Environmental Assessment for Waimano Home Road
Reconstructed Sewer

Thank you for your review and comment on the subject assessment. Construction plans will be sent to the State Highways Division for review and approval and the necessary work permit will be obtained prior to construction.

Also, compliance to the requirements of the "Accommodation and Installation of Utilities on State Highways and Federal Aid County Highways" will be met.

If there are any questions, please call the Planning Section of the Division of Wastewater Management at 523-4653.

Very truly yours,

Sam Callejo
SAM CALLEJO
Director and Chief Engineer

JOHN WAHNEE
DIRECTOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
805 PUNAHONUA STREET
HONOLULU, HAWAII 96813-5087

April 30, 1990

Mr. Sam Callejo
Director and Chief Engineer
Department of Public Works
City and County of Honolulu
650 S. King Street
Honolulu, Hawaii 96813

Attention Mr. Jay Hamae

Dear Mr. Callejo:

Subject: Environmental Assessment For Waimano Home Road
Reconstructed Sewer, ID No. O-90-31
Your Letter Of March 23, 1990

We comment as follows:

1. Construction plans for work to be performed within our right-of-way must be submitted for our review and approval.
2. A permit to work within our right-of-way must be obtained from our Oahu District Engineer at 727 Koko Street; and
3. The location, design and method of installation for the proposed utility on state highways should comply with all requirements of the "Accommodation and Installation of Utilities on State Highways and Federal Aid County Highways".

Should you have any question, please call Morris Arakaki at 543-2702.

Very truly yours,

T. Rapano
T. RAPANO
Chief
Highways Division

EDWARD Y. HIRATA
DIRECTOR

DEPUTY DIRECTOR
DAN T. EICH (PHILADELPHIA)
RONALD W. HARRIS
GUY W. K. JENSEN
CANTRELL 1988A

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
805 PUNAHONUA STREET
HONOLULU, HAWAII 96813-5087

April 30, 1990

April 30, 1990

Mr. Sam Callejo
Director and Chief Engineer
Department of Public Works
City and County of Honolulu
650 S. King Street
Honolulu, Hawaii 96813

Attention Mr. Jay Hamae

Dear Mr. Callejo:

Subject: Environmental Assessment For Waimano Home Road
Reconstructed Sewer, ID No. O-90-31
Your Letter Of March 23, 1990

We comment as follows:

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Should you have any question, please call Morris Arakaki at 543-2702.

Very truly yours,

T. Rapano
T. RAPANO
Chief
Highways Division

Letter to Mr. Callejo

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



FRANK P. PASH
DIRECTOR

SAM CALLEJO
DIRECTOR AND CHIEF ENGINEER
C. MICHAEL STREET
DEPUTY DIRECTOR

In reply refer to:
WPP 90-311

May 30, 1990

MEMORANDUM

TO: MR. BENJAMIN B. LEE, CHIEF PLANNING OFFICER
DEPARTMENT OF GENERAL PLANNING

FROM: SAM CALLEJO, DIRECTOR AND CHIEF ENGINEER
DEPARTMENT OF PUBLIC WORKS

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED
WAIHANO HOME ROAD RECONSTRUCTED SEWER

We thank you for your memorandum dated April 6, 1990 regarding the subject project. Your comment letter, as well as this response, will be incorporated into the Environmental Assessment. With respect to your specific comments, Section VIII will be entitled "Agency Determination". Should you have any questions regarding this matter please contact Jay Hamai at 523-4653.

S. Callejo
SAM CALLEJO
Director and Chief Engineer

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



FRANK P. PASH
DIRECTOR

BENJAMIN B. LEE
CHIEF PLANNING OFFICER
BOLEND D. LUBY JR.
DEPUTY CHIEF PLANNING OFFICER

HH/DGP 3/90-974

April 6, 1990

MEMORANDUM

TO: SAM CALLEJO, DIRECTOR AND CHIEF ENGINEER
DEPARTMENT OF PUBLIC WORKS

FROM: BENJAMIN B. LEE, CHIEF PLANNING OFFICER
DEPARTMENT OF GENERAL PLANNING

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED
WAIHANO HOME ROAD RECONSTRUCTED SEWER

Thank you for the opportunity to review and comment on the subject environmental assessment (EA). We have the following comments to offer for your consideration.

Based on the information provided in the EA, we concur with your department's recommendation for Alternative 3 and the intent to file a Negative Declaration for the proposed action. This determination of a Negative Declaration for the proposed action should be clearly stated in Section VIII. Section VIII may appropriately be entitled, "Agency Determination".

We hope these comments are helpful in preparing the Notice of Determination. If you have any questions regarding our comments, please contact Matthew Higashida at 527-6056.

B. Lee
BENJAMIN B. LEE
Chief Planning Officer

BBL:je

167 Job

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



FRANK P. FAH
DIRECTOR

SAM CALLEJO
DIRECTOR AND CHIEF ENGINEER
C. MICHAEL STREET
DEPT. OF PUBLIC WORKS

In reply refer to:
HPP 90-315

May 31, 1990

Mr. Mark K. Taosaka
OSP Supervising Engineer
Hawaiian Telephone Company, Incorporated
P.O. Box 2200
Honolulu, Hawaii 96841

Dear Mr. Taosaka:

Subject: Environmental Impact Assessment for
Maileano Home Road Reconstructed Sewer

We thank you for your letter dated April 11, 1990 regarding the subject project. Your letter, as well as this response, will be incorporated into the Environmental Assessment.

With respect to your comments, we understand that Hawaiian Telephone has existing aerial and underground facilities within the scope of the project. Design work will be coordinated with your office and plans will be submitted for your review and comment.

Should you have any questions, please call Jay Hamai at 523-4653.

Very truly yours,

Sam Callejo
SAM CALLEJO
Director and Chief Engineer

90-922

HTB Hawaiian Tel

Beyond the call

GTE Hawaiian Telephone Company Incorporated
P.O. Box 2200 - Honolulu, HI 96841 (808) 546-4511

April 11, 1990

RECEIVED

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DIV. OF
WASTE WATER
MANAGEMENT

Department of Public Works
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

ATTENTION: Jay Hamai

Dear Sir:

Environmental Impact Assessment for
Maileano Home Road Reconstructed Sewer

Thank you for the opportunity to comment on the above mentioned project. As recorded in the Environmental Impact Assessment for the subject project, Hawaiian Tel has existing aerial and underground facilities within the scope of the project. Plans for any new work must be sent to this office for review and comment.

If you have any questions, please call Garret Hayashi at 834-6210.

Mark K. Taosaka
Mark K. Taosaka
OSP Supervising Engineer

GJH/kr (8206.1tr)

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



SAM CALLEJO
 DIRECTOR AND CHIEF ENGINEER
 2 MICHAEL STREET
 HONOLULU, HAWAII 96813

In reply refer to:
 WPP 90-396

July 9, 1990

Mr. William W. Paty, Chairman
 Board of Land & Natural Resources
 State of Hawaii
 1151 Punchbowl Street, Room 130
 Honolulu, Hawaii 96813

Dear Mr. Paty:

Subject: Waimano Home Road Reconstructed Sewer
 Environmental Assessment

We thank you for your letter dated May 29, 1990 regarding the subject project. Your comments, as well as this response, will be incorporated into the Final Environmental Assessment.

To summarize your comments, you have indicated that there will be no effect on significant historical sites in the project area and that the precautions are taken during construction to prevent eroded soils, debris, petroleum products and other contaminants from entering the nearby Waiawa Stream and the coastal waters of Pearl Harbor.

Should you have any questions regarding this matter, please contact Jay Hamai at 523-4653.

Very truly yours,

Sam Callejo
 SAM CALLEJO
 Director and Chief Engineer

State of Hawaii
 Department of Public Works



DEPARTMENT OF PUBLIC WORKS
 STATE OF HAWAII
 DEPARTMENT OF LAND AND NATURAL RESOURCES
 P. O. BOX 511
 HONOLULU, HAWAII 96813

REF:OCEA-CT

May 20 1990

The Honorable Sam Callejo
 Director and Chief Engineer
 Department of Public Works
 City and County of Honolulu
 650 South King Street
 Honolulu, Hawaii 96813

Dear Mr. Callejo:

Subject: Environmental Assessment for Waimano Home Road
 Reconstructed Sewer

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

While there are archaeological deposits in the Pearl City area, we believe that in the project area they are deeply buried. The project, therefore, should have "no effect" on significant historic sites. As specified in the Environmental Assessment, if such deposits are encountered, the Historic Preservation Program office (548-7460) must be notified.

Additionally, we expect no significant impact to aquatic resource values provided precautions are taken during construction to prevent eroded soils, debris, petroleum products and other contaminants from entering the nearby Waiawa Stream and coastal waters of Pearl Harbor's East and Middle Loche.

If you have any questions, please call me or Cathy Tilton at our Office of Conservation and Environmental Affairs at 548-7837.

Very truly yours,

William W. Paty
 WILLIAM W. PATY

WILLIAM W. PATY, Chairperson
 Board of Land and Natural Resources

STATE OF HAWAII
 DEPARTMENT OF LAND AND NATURAL RESOURCES
 P. O. BOX 511
 HONOLULU, HAWAII 96813

APPLICABLE DEPARTMENT
 AGENCIES
 CONSTRUCTION AND
 ENVIRONMENTAL AFFAIRS
 CONSERVATION AND
 HISTORIC PRESERVATION
 PLANNING AND DESIGN
 PUBLIC WORKS
 STATE OF HAWAII
 DEPARTMENT OF LAND AND NATURAL RESOURCES
 P. O. BOX 511
 HONOLULU, HAWAII 96813

File No.: 90-602
 Doc. No.: 8135E