DEPARTMENT OF WASTEWATER MANAGEMENT  
CITY AND COUNTY OF HONOLULU  
880 SOUTH KING STREET  
HONOLULU, HAWAI'I 96813  

September 7, 1994

Dr. Bruce S. Anderson, Interim Director  
Office of Environmental Quality Control  
220 S. King Street, 4th Floor  
Honolulu, Hawaii 96813  

Dear Dr. Anderson:

Subject: Negative Declaration for California Avenue Relief Sewer  
(Kaalalo Place to Ilima Street), TMK 7-3-19 and 14,  
Wahiawa, Oahu, Hawaii

The City and County of Honolulu, Department of Wastewater  
Management has reviewed the comments received during the 30-day  
public comment period which began on March 23, 1994. The agency  
has determined that this project will not have significant  
environmental effect and has issued a negative declaration.  
Please publish this notice in the September 23, 1994 OEQC  
Bulletin.

We have enclosed a completed OEQC Bulletin Publication Form and  
four copies of the final EA.

Please contact Ms. Tessa Yuen of the Division of Planning and  
Service Control at 527-6732 if you have any questions.

Very truly yours,

FELIX B. LIMTIACO  
Acting Director

Attachment
FINAL ENVIRONMENTAL ASSESSMENT
FOR
CALIFORNIA AVENUE RELIEF SEWER
(KAALALO PLACE TO ILIMA STREET)
WAHIAWA, OAHU, HAWAII
TAX MAP KEY: 7-3-19 and 14

This document is prepared pursuant to Chapter 343, H.R.S.

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

RESPONSIBLE OFFICIAL: [Signature] 9/9/94
FELIX B. LIMITACO
Acting Director

Prepared By:
Department of Wastewater Management
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INTRODUCTION

The Whitmore Village Wastewater Treatment Plant is being phased out and all sewage will be diverted and treated at the Wahiawa Wastewater Treatment Plant. To complete this project, an existing 30-inch sewer on California Avenue must be relieved to carry the additional flows.

I. DESCRIPTION OF THE PROPOSED ACTION AND STATEMENT OF OBJECTIVES

The proposed project consists of the construction of approximately 1500 lineal feet of 30-inch reinforced concrete pipe relief sewer along California Avenue between Kaalalo Place and Ilima Street. (Figure 1).

The objective of the project is to provide sewers with adequate capacity to effectively accommodate existing sewage flows and expected increase in flows primarily from the Wahiawa and Whitmore Village tributary areas (Figure 3).

II. AGENCIES CONSULTED IN THE ASSESSMENT PROCESS

The following agencies and organizations were requested to review and comment on the draft environmental assessment. Asterisks denote those who responded in writing. All comments received are included at the end of this determination.

A. STATE OF HAWAII
   * Department of Business and Economic Development
   * Department of Health
   * Department of Land and Natural Resources
     Office of Environmental Quality Control

B. CITY AND COUNTY OF HONOLULU
   * Board of Water Supply
   * Department of General Planning
   * Department of Land Utilization
   * Department of Public Works
   * Department of Transportation Services

C. OTHERS
   * Hawaiian Electric Company
   * Hawaiian Telephone Company
   * GASCO, Inc.
   * Oceanic Cablevision

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 sewers will be located at the western end of Wahiawa Town, traversing California Avenue from an existing sewer manhole at Kaalalo Place to an existing sewer manhole at Ilima Street. The area tributary to the existing sewer is all of Wahiawa which has an area of 1063 acres. The residential population is estimated to be 25,000. The proposed project will support an area of approximately 1700 acres and an estimated population of 53,000, to include the adjacent Whitmore Village, the U. S. Navy’s NAVCAMS EASTPAC area, and adjacent planned land use designated areas. The project site is located along the road right-of-way on California Avenue.

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

A. TECHNICAL CHARACTERISTICS

The proposed project consists of the installation of approximately 1500 lineal feet of 30-inch relief sewer at relatively shallow depths to match existing inverts. The sewer will be connected from existing sewer manhole WW-00-XF-0001 at the intersection of Ilima Street and California Avenue to existing sewer manhole WW-00-00-0004 at the intersection of Kaalalo Street and California Avenue.

B. SOCIAL CHARACTERISTICS

Construction of this project will not displace any families. It will cause temporary disturbances due to construction activities along a segment of California Avenue. Some traffic congestion within the area is anticipated.

The Development Plan Map (Figure 2) for the project’s tributary area is primarily residential with small percentages of agricultural, business, industrial, and public facilities such as parks and schools. The Land Use Ordinance (Figure 4) for the project’s tributary area is designated primarily residential with small portions of agricultural, business and industrial designations. The project is schedule to be placed on the Development Plan Public Facilities Map.
C. **ECONOMIC CHARACTERISTICS**

The project is estimated to cost about $500,000 and will be funded entirely by the City and County of Honolulu. Construction of this project will not, in itself, increase sewer user charges, nor require direct assessment to the residents being served by their improvements.

Construction of the project is tentatively scheduled to start in December 1994 and should be completed within twelve months.

D. **ENVIRONMENTAL CHARACTERISTICS**

The proposed sewer will be along the road right-of-way on California Avenue. There are no known natural, historical or archaeological sites located within the project area. However, should any evidence of archaeological findings be uncovered during excavation, construction will be halted and the State Historic Preservation Office will be notified.

The proposed sewer project will be located underground; therefore there will be no impact on the aesthetic character of this area except during construction.

The project does not require any of the following permits: Special Management Area, Coastal Zone, Instream Use, Conservation District, Flood Hazard District Use, Water Quality Certification.

Possible olfactory impacts will be minimal, if any, because the project is primarily new construction. Any odor emanating from the project may occur during the connection of the new sewer to the existing sewer manhole.

There are no known endangered species of flora or fauna located within the project site. Since this is a developed area, construction of this project will have no impact on wildlife.

VI. **IDENTIFICATION AND SUMMARY OF MAJOR IMPACT AND PROPOSED MITIGATION MEASURE**

A. **PRIMARY SHORT-TERM IMPACTS**

Primary short-term impacts will result from construction activities. A church, a school site, residences, and the City and County Corporation Yard fronting California Avenue will experience some impact from this construction project. Use of construction equipment such as backhoes, trucks, compactors, and
pavers will create noise, dust, and exhaust emissions. Construction activities will partially interfere with normal vehicular traffic. Parking may be restricted on both sides of California Avenue along the project site. Other utilities such as water, gas, electric and telephone installations may also be affected by the construction activities. Construction plans will be reviewed by the utility companies for coordination.

B. PRIMARY LONG-TERM IMPACTS

The primary long-term impact will be to provide effective accommodation of existing and future sewage flows from the Wahiawa and Whitmore Village Sewage Tributary Areas.

C. MITIGATION MEASURE PROPOSED TO MINIMIZE IMPACTS

Construction activities will be controlled by existing laws and the contract documents, and enforced through field inspections. Work on any City street area may be performed only between the hours of 8:30 a.m. to 3:30 p.m. unless otherwise permitted by the City Department of Transportation Services and the State Department of Health. The Contractor will be required to comply with the provisions of Title 11, Chapter 43, "Community Noise Control of Oahu", of the State Department of Health Administrative Rules.

A Community Noise Permit shall be obtained by the Contractor from the Department of Health for activities which generate noise in excess of 55 dBA in residential neighborhoods. Construction activities which create "excessive noise" will not be allowed at the site before 7:00 a.m. and after 6:00 p.m. of the same day.

Construction activities which emit noise in excess of 95 dBA, at or beyond the property line of construction will be restricted to the hours between 9:00 a.m. and 5:30 p.m. Activities which generate noise levels in excess of 95 dBA shall be prohibited on Saturdays. Activities which generate noise in excess of the allowable noise levels are not allowed on Sundays and specific holidays listed in Title 11, Chapter 43, Section 6 (e)(1)(c). Traffic noise from heavy vehicles travelling to and from the project site in the residential area will also comply with the provisions of Title 11, Administration Rules Chapter 42, "Vehicular Noise Control for Oahu". The Director of Health may specify conditions in the noise permit and may modify or revoke a permit at any time in order to protect the physical, mental, or social well-being of the public. During construction operations, the
Contractor will be required to comply with Paragraph 11-60-5, Fugitive Dust, Chapter 60, Air Pollution Control, Title 11, Administrative Rules, State of Hawaii, pertaining to dust control. He will also be required to observe all other Federal, State and City rules and regulations concerning noise, air and water pollution during the construction period. The prevailing winds are expected to disperse emission concentrations; however, the Contractor will be responsible for the maintenance of all equipment to minimize emissions. The Contractor will be required to comply with safety precautions and measures in the "Rules and Regulations Governing the Use of Traffic Control Devices for Streets and Highways, Part IV Traffic Controls Highway Construction and Maintenance Operations", U. S. Federal Highway Administration, dated 1981.

Construction equipment will obstruct traffic in the immediate area of construction, but the mobile equipment will be removed from the area during non-working hours. Construction activity on California Avenue may require use of the entire street. However, prohibiting parking on both sides of California Avenue and controlling construction equipment movement in the area will facilitate traffic flow. The Contractor will obtain a Street Usage Permit from the City Department of Transportation Services prior to commencing construction activities, to assure protection, convenience and safety to the public.

The contract documents will require the Contractor to coordinate his construction operations with the Board of Water Supply, GASCO, Inc., Hawaiian Electric Company, and Hawaiian Telephone Company and Oceanic Cablevision, thus preventing or minimizing disruption of utility services.

In the event that any previously unidentified sites or remains such as artifacts, shell, bone or charcoal deposits, human burials, rock or coral alignments, pavings, or walls are encountered, the contractor will contact the Historic Sites Office of the Department of Land and Natural Resources. Work in the immediate area should be delayed until the Historic Sites office is able to assess the impact and make further recommendations for mitigative activity, if warranted.

VII. ALTERNATIVES CONSIDERED

There were three alternatives considered in this sewer project.

Alternative number one is to take no action. If no action
is taken and an increase in flows from the Wahiawa and Whitmore Village should occur, residents may experience sewage backups or overflows in the area.

The second alternative is to install an additional 30-inch sewer parallel to the existing 30-inch line and will tie in to existing manholes. This alternative is estimated to cost approximately $500,000.

The third alternative is to install a new 36-in sewer parallel to the existing 30-inch sewer. Modifications would be made on the existing sewer manhole which would be connected to the new sewer. The existing line would be plugged and abandoned after the new 36-inch sewer is installed. This alternative is estimated to cost approximately $550,000.

VIII. DETERMINATION

An evaluation has resulted in the recommendation of the second alternative as the most feasible approach. Also, this assessment shows that the project will have no significant impact on the environment and an Environmental Impact Statement is not required. Therefore, in accordance with the provisions of Chapter 343, Hawaii Revised Statutes, a Negative Declaration is determined to be in order.

IX. FINDINGS AND REASONS Supporting the DETERMINATION

The following findings and reasons support the determination that there will be no significant effect on the environment as a result of this project:

A. There are no direct social or economic impacts resulting from the proposed action due to the subsurface nature of the project.

B. The impacts associated with construction activities are short-term and temporary only. All short-term impacts will be minimized in accordance with applicable City and County of Honolulu, State of Hawaii and Federal rules and regulations.

C. No rare or endangered wildlife or flora exists in the project area.

D. No archaeological, historical or cultural sites will be affected by the project. Should any possible significant archaeological findings be uncovered by construction work at the project site, appropriate measure for evaluating and determining courses of action will be available in the construction contract provisions.
E. The proposed sewer improvements conform with the City's Development Plan Public Facilities criteria and is designated on the Central Development Plan Map.

F. The primary benefit of this proposed project is to provide adequate sewer capacity to accommodate existing and planned sewage flows in the Wahiawa, Whitmore Village, and surrounding areas.
MEMORANDUM:

TO:        FELIX B. LIMTIACO, ACTING DIRECTOR
            DEPARTMENT OF WASTEWATER MANAGEMENT

FROM:      KENNETH E. SPRAGUE
            DIRECTOR AND CHIEF ENGINEER

SUBJECT:  DRAFT ENVIRONMENTAL ASSESSMENT (DEA)
            CALIFORNIA AVENUE RELIEF SEWER
            (KAHALO PLACE TO ILIMA STREET)
            TAX MAP DIY: 7-2-12 AND 14

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

1. There are existing storm drain lines on California Avenue. Therefore, close coordination is required to avoid conflict with the proposed sewer line.

2. The contractor should provide best management practices (BMPs) to the maximum extent practicable in order to reduce and control the discharge of excavated material and construction debris into the City-owned storm drain system during the trenching operation.

Should you have any questions, please contact Mr. Alex Ho,
Environmental Engineer, at Local 4150.
Mr. Felix Limatoc
Acting Director
Department of Wastewater Management
City and County of Honolulu
656 South King Street
Honolulu, Hawaii 96813

Dear Mr. Limatoc:

The Department of Business, Economic Development & Tourism is pleased to submit the enclosed comments on the Draft Environmental Assessment for the California Avenue Relief Sewer Project.

The comments were provided by the Land Use Commission. Questions regarding these comments may be directed to Esther Ueda, LUC Executive Officer, at 687-3836.

Thank you for the opportunity to comment.

Sincerely,

Muli Haimann

Enclosure
July 26, 1994

Mr. Hufi F. Hennesey, Director
Department of Business and Economic Development
P. O. Box 2206
Honolulu, Hawaii 96804

Dear Mr. Hennesey:

Subject: Your Letter of June 29, 1994 Regarding
California Avenue Bypass
(Essex Avenue to Ilona Street)
Draft Environmental Assessment

Thank you for your comments regarding the subject draft
environmental assessment.

If you have any questions, please contact Tessa Yuen at 527-6732.

Very truly yours,

FELIX B. LENTIAGO
Acting Director
June 29, 1994

Mr. Felix Linhama
Acting Director

Subject: California Avenue (Kalakaua Avenue to Ilihi Street) Draft Environmental Assessment

Dear Mr. Linhama,

Thank you for the opportunity to review the above mentioned draft environmental assessment.

We have reviewed your plans to install 1,500 lin. ft. of 30-inch reinforced concrete pipe relief sewer along California Avenue between Kalakaua and Ilihi Streets.

Most of our facilities are well and using joint poles. Underground conduit from pole to pull box extends across California Avenue at Pali 23, 27 and 30. We have also identified an Avenue and a joint Trunking Cable tested along California Avenue.

Hawaiian Telephone Company notes for Contractor:

1. The Contractor shall exercise extreme caution when any excavation and construction occurs or is in close proximity to Hawaiian Telephone Company (HTCO) facilities and shall maintain adequate equipment clearance while working close and under overhead facilities.

2. For pole boring instructions, should field conditions and/or construction procedures require that poles be bored to facilitate construction, the Contractor shall call HTCO Operations Center at 833-6134 a minimum of 72 hours in advance. The Contractor shall obtain an excavation permit from HTCO Records Section listed at 5238 Kalakaua Street, 3rd Floor, prior to the start of construction.

3. Should it become necessary to relocate any HTCO facility, the work shall be done by HTCO. The Contractor shall be responsible for all coordination.

4. The Contractor shall report any damages to HTCO facilities to the HTCO Dispatch Center at 527-3248.

5. The Contractor shall be liable for any damages to HTCO facilities.

6. For field location of HTCO facilities after a permit has been obtained, the Contractor shall contact the HTCO Dispatch Center a minimum of 72 hours in advance.

If you have any questions, please call Calvin Hayashi at 443-8656.

Yours truly,

W. Linhama
Operations Manager - GSP Engineering

Cc: C. Hayashi
File
July 28, 1994

Mr. Don Hibbard, Administrator
State Historic Preservation Division
Department of Land and Natural Resources
33 South King Street, 6th Floor
Honolulu, Hawaii 96813

Dear Mr. Hibbard:

Subject: Your Letter of June 24, 1994 Regarding California Avenue Relief Sewer (Kalihi Avenue to Ilihi Street) Draft Environmental Assessment (DEA)

Thank you for your comments to the subject DEA. Presently, we intend to use our original project alignment and do not foresee disturbing the Mahalua Healing Stone (State site 50-80-05-493).

If you have any questions, please contact Teresa Yuen at 527-6732.

Very truly yours,

FELIX S. LINCOLN
Acting Director

Kenneth M. Rapoah
Department of Wastewater Management
City and County of Honolulu
600 South King Street
Honolulu, Hawaii 96813

LOG NO: 13956
DCC NO: 9405TD17

Thank you for the opportunity to review this proposed project. A review of our records shows there are no known historic sites along the path of the proposed relief sewer, although the Mahalua Healing Stone (State site 50-80-05-493) is located just beyond the Kalihi Place terminus. We concur with your determination that this project will have “no effect” on historic sites and believe that the standard construction contract provision in the DEA provides an adequate basis for mitigating possible adverse effects, should historic sites be inadvertently discovered.

If you have any questions please call Tom Dye at 587-0014.

Sincerely,

DON HIBBARD, Administrator
State Historic Preservation Division

TD:kr
June 23, 1994

Department of Wastewater Management
City and County of Honolulu
610 South King Street
Honolulu, Hawaii 96813

Attention: Mr. Kenneth M. Rappolt
Director

Gentlemen:

Subject: Draft Environmental Assessment for
California Avenue Relief Sewer
TAM: 7-3-18 A 14, Wahiawa, Oahu, Hawaii

This is in reference to your letter dated June 14, 1994, reference WPP 94-266. Please be advised that The Gas Company currently has no existing underground utility gas facilities in the project vicinity.

Thank you for the opportunity to comment on the Draft Environmental Assessment. Should there be any questions, or if additional information is desired, please call me at 547-3576.

Very truly yours,

THE GAS COMPANY

June 28, 1994

Mr. Keith K. Yamamoto
Supervisor, Engineering

The Gas Company
P. O. Box 3379
Honolulu, Hawaii 96807

Dear Mr. Yamamoto:

Subject: Your letter of June 23, 1994 regarding
California Avenue Relief Sewer
(Kalalau Avenue to Ilihi Street)
Draft Environmental Assessment

Thank you for your review of the subject draft environmental assessment.

If you have any questions, please contact Teresa Yoon at 527-6722.

Very truly yours,

FELIX B. LIMPIACO
Acting Director

June 28, 1994

WPP 94-307
MEMORANDUM

TO:    KENNETH M. MAPPOLI, DIRECTOR
        DEPARTMENT OF WASTEWATER MANAGEMENT

FROM:  ROBIN FOSTER, CHIEF PLANNING OFFICER
        PLANNING DEPARTMENT

SUBJECT: CALIFORNIA AVENUE RELIEF SEWER DRAFT ENVIRONMENTAL ASSESSMENT, KAALAO PLACE TO ILIMA STREET

We have reviewed the Draft Environmental Assessment for the subject project and have no comment.

Thank you for the opportunity to review the DEA.

ROBIN FOSTER
Chief Planning Officer

RF: js