Ref: LM-NV

Mr. Brian J.J. Choy, Director
Office of Environmental Quality Control
220 South King Street, 4th Floor
Honolulu, Hawaii 96813

Dear Mr. Choy:

Subject: Final Environmental Assessment and Negative Declaration for Issuance of 65 Year Non-Exclusive Utility Easement for Metro Multiplex Cabinet to GTE Hawaiian Telephone Company, Inc., Honolulu, Oahu, TMK 2-4-32-2

The State Department of Land and Natural Resources, Land Management Division, has reviewed the Draft Environmental Assessment for the subject project matter during the thirty (30) days public comment period which began on June 22, 1993 and ending July 23, 1993.

This agency has determined that the issuance of a 65 year non-exclusive utility easement to the applicant, GTE Hawaiian Telephone Company, Inc., will not have a significant environmental effect; and by this letter of notice, Department of Land and Natural Resources is issuing a Negative Declaration.

Please publish the notice in the next available publication date.

We have enclosed a completed OEQC Bulletin Publication form and four (4) copies of the Final Environmental Assessment.

Please contact Nicholas Vaccaro at 587-0433 should you have any questions.

Very truly yours,

KEITH W. AHUE

Enclosures

cc: Ms. S. Himeno
    Mr. M. Nekoba
FINAL ENVIRONMENTAL ASSESSMENT
NEGATIVE DECLARATION
FOR
GTE HAWAIIAN TELEPHONE COMPANY INCORPORATED
METRO MULTIPLEX CABINET INSTALLATION
AUWAIOLIMU DRIVE
HONOLULU, HAWAII
TMK: 2-4-32-2

PREPARED BY
PARAMETRIX, INC.

OCTOBER, 1993
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. SUMMARY</td>
<td>1</td>
</tr>
<tr>
<td>II. GENERAL DESCRIPTION OF THE ACTION'S CHARACTERISTICS</td>
<td>2</td>
</tr>
<tr>
<td>A. INTRODUCTION</td>
<td>2</td>
</tr>
<tr>
<td>B. TECHNICAL CHARACTERISTICS</td>
<td>2</td>
</tr>
<tr>
<td>C. SOCIO-ECONOMIC CHARACTERISTICS</td>
<td>2</td>
</tr>
<tr>
<td>D. ENVIRONMENTAL CHARACTERISTICS</td>
<td>3</td>
</tr>
<tr>
<td>E. FUNDING AND PHASING</td>
<td>8</td>
</tr>
<tr>
<td>III. THE AFFECTED ENVIRONMENT</td>
<td>9</td>
</tr>
<tr>
<td>A. GEOGRAPHIC CHARACTERISTICS</td>
<td>9</td>
</tr>
<tr>
<td>B. HYDROLOGICAL CHARACTERISTICS</td>
<td>9</td>
</tr>
<tr>
<td>C. BIOLOGICAL CHARACTERISTICS</td>
<td>9</td>
</tr>
<tr>
<td>D. SERVICE FACILITIES AND PUBLIC UTILITIES</td>
<td>9</td>
</tr>
<tr>
<td>E. ARCHAEOLOGICAL SITES</td>
<td>9</td>
</tr>
<tr>
<td>F. AESTHETICS AND VISUAL CHARACTERISTICS</td>
<td>10</td>
</tr>
<tr>
<td>IV. SUMMARY OF MAJOR IMPACTS AND MITIGATION MEASURES</td>
<td>11</td>
</tr>
<tr>
<td>V. ALTERNATIVES CONSIDERED</td>
<td>12</td>
</tr>
<tr>
<td>A. ALTERNATIVE LOCATIONS</td>
<td>12</td>
</tr>
<tr>
<td>B. DO-NOTHING ALTERNATIVE</td>
<td>12</td>
</tr>
<tr>
<td>VI. DETERMINATION, FINDINGS, AND REASONS SUPPORTING DETERMINATION</td>
<td>13</td>
</tr>
<tr>
<td>VII. LIST OF PREPARERS</td>
<td>14</td>
</tr>
<tr>
<td>VIII. AGENCIES CONSULTED</td>
<td>15</td>
</tr>
</tbody>
</table>
### LIST OF FIGURES

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>DESCRIPTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Location Map</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>Site Map</td>
<td>5</td>
</tr>
<tr>
<td>3</td>
<td>Metro Multiplex Cabinet</td>
<td>6</td>
</tr>
<tr>
<td>4</td>
<td>Site Plan</td>
<td>7</td>
</tr>
</tbody>
</table>
I. SUMMARY

CHAPTER 343, HAWAII REVISED STATUTES (HRS)
ENVIRONMENTAL ASSESSMENT (E.A.)

Action: Applicant
Project Name: Auwaiolimu Drive - Metro Multiplex Cabinet Installation
Project Description: GTE Hawaiian Telephone Company Incorporated is requesting an easement over State lands situated off Auwaiolimu Drive. This request is to install telephone equipment within a 15' by 15' area.
Project Location: Off Auwaiolimu Drive, above Nehoa Drive (See Figure 1).
Tax Map Key: 2-4-32: 02
Area: 15' x 15'
State Land Use Designation: Urban
County Zoning Designation: R-5
Landowner: State of Hawaii
Contact: F.J. Rodriguez
c/o Parametrix, Inc.
1164 Bishop Center, Suite #1600
Honolulu, HI 96813
Tel: 524-0594

GTE Hawaiian Telephone Company Incorporated
Metro Multiplex Cabinet Installation

April 6, 1993
II. GENERAL DESCRIPTION OF THE ACTION'S CHARACTERISTICS

A. Introduction

The GTE Hawaiian Telephone Company Incorporated is requesting an easement from the State Department of Land and Natural Resources to install telecommunications equipment which will be placed on a concrete pad. The requested easement is for a space measuring 15 feet by 15 feet, and the installation will be on State lands, and more specifically in Tax Map Key: 2-4-32: 02 (See Figure 2). The State Land Use Boundary designation is Urban, and the Zoning is R-5.

B. Technical Characteristics

The equipment to be installed consists of two cabinets and they are:

1. One (1) DMS Urban 1 Metro Multiplex Cabinet, measuring 62” high, 60” wide, and 24” deep, mounted on a concrete pad.

2. One (1) Crossconnect Cabinet measuring 51” high, 58” wide, 17” deep, mounted on a concrete pad.

3. One (1) 2’ x 6’ pullbox.

4. Underground lines and other such associated appliances and equipment as required (See Figure 3).

The installation will be on a concrete pad that will be secured by a chain link fence perimeter to prevent vandalism and damage to the cabinet and the contents (See Figure 4). The purpose of the installation will provide 500 additional lines immediately to the residential areas of Upper Makiki (Mott-Smith Drive, Nehoa Street, and above). All installation work will be done to applicable City & County Building Code Standards, and maintenance of the installation will be at the expense of the telephone company. No significant environmental impacts are anticipated from the installation of this Metro Multiplex cabinet.

C. Socio-Economic Characteristics

As previously described, the purpose of this installation is to provide expanded service capacity to the Makiki/Papakolea residential sectors.

GTE Hawaiian Telephone Company Incorporated
Metro Multiplex Cabinet Installation 2

April 29, 1993
D. Environmental Characteristics

There will be minimal, if any, environmental impacts resulting from this proposed project. There will be clearing and grading to finish grade to pour the concrete pad, the installation of the cabinet, and if required, the enclosing of the cabinet and pad with a wire mesh security fence. The final installation plans will be reviewed by the appropriate State and City agencies prior to construction.
E. Funding and Phasing

All improvement costs will be borne by the applicant, GTE Hawaiian Telephone Company Incorporated, estimated costs are $40,000.00.
III. THE AFFECTED ENVIRONMENT

A. Geographic Characteristics

The proposed site is located on Auwaiolimu Drive, above Nehoa Drive and has been in a highly urbanized sector of Honolulu since the early 1900s. The Soil Survey of Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii, prepared by the U.S. Department of Agriculture, Soil Conservation Service in August, 1972 describes the soils as follows: The Tantalus series consists of well drained soils on uplands on the island of Oahu. These soils developed in volcanic ash and material weathered from cinders. They are moderately sloping to very steep. The annual rainfall amounts to 50 to 150 inches, which occurs throughout the year. Natural vegetation consists of ferns, Formosa Koa, koa haole, kukui, and eucalyptus.

"Tantalus silty clay loam, 8-15% percent slopes. (TCC) On this soil, runoff is slow and the erosion hazard is slight. Included in the mapping were small areas of stony soils in the drainageways. This soil is used for homesites, water supply, and recreation."

B. Hydrological Characteristics

There is no onsite flooding at the project site and no major excavation work will be necessary that will affect existing drainage patterns. The project site will be improved to County standards.

C. Biological Characteristics

The project site is located in a highly urbanized sector of Honolulu, and as such, does not maintain any eco-systems comparable to the higher elevations. Flora and fauna, including avifauna, are almost entirely introduced species and are not endangered or protected varieties.

D. Service Facilities and Public Utilities

This installation will require only electrical power, and as an unmanned facility, there will be no demands for sewer, water, or other utilities.

E. Archaeological Sites

There has been no onsite inspection conducted for archaeological sites. In the event that during the installation phase, sites are uncovered, the applicant will require the contractor to halt work and advise the Historic Preservation Division (587-0045) immediately for an evaluation of any uncovered finds.

GTE Hawaiian Telephone Company Incorporated
Metro Multiplex Cabinet Installation

April 6, 1993
F. Aesthetics and Visual Characteristics

The Metro Multiplex cabinet is not a major piece of equipment that would be defined as a structure. The dimensions are diminutive and security fencing will provide further shielding and exterior paint color can be selected to blend in with the adjacent environs.
IV. SUMMARY OF MAJOR IMPACTS AND MITIGATION MEASURES

The proposed installation is not anticipated to have any significant environmental impacts. The site is in an urbanized sector with typical urban traffic patterns. Any impacts resulting from the subject action will be temporary in nature and construction related. The traditional construction methods that will be used for this installation, will not require major heavy equipment, and will probably be done with portable machinery.
V. ALTERNATIVES CONSIDERED

A. Alternative Locations

Initial efforts to locate this Metro Multiplex cabinet ranged from the selected location to other potential sites; the current proposed site which will serve adequately, was finally designated by GTE engineering. The location is suited to connect to existing GTE facilities which are in line to the site.

B. Do-Nothing Alternative

The "Do-Nothing" alternative was not considered a viable alternative since the increasing demand for upgraded state of the art telecommunication systems by the State agencies was long overdue.
VI. DETERMINATION, FINDINGS, AND REASONS SUPPORTING DETERMINATION

After completing an assessment of the potential environmental effects from the proposed project, and consulting with other government agencies, it has been determined that an Environmental Impact Statement (EIS) is not required. Therefore, the Department of Land and Natural Resources anticipates the issuance of a Notice of Negative Declaration.

1. The proposed action consists entirely of the design and installation of one Metro Multiplex cabinet, one Crossconnect cabinet, and a pullbox on a concrete pads, with security fencing.

2. There will be no permanent degradation of existing ambient air and noise levels. During the minimal construction period, there may be temporary violations of air and noise standards, but these are highly unlikely.

3. There are no known endangered species of animal or plant varieties within the project site.

4. There are no known natural, historic, or archaeological sites within the project site.

5. There will be no secondary adverse effects on future development, population, and public facilities with the installation of this cabinet.

This project will have no significant environmental effects and will be of benefit to the adjacent residential sectors. Any adverse environmental impacts have been determined to be insignificant and the applicant will comply with all applicable statutes, ordinances, and rules and regulations of the Federal, State, and City & County of Honolulu.

GTE Hawaiian Telephone Company Incorporated
Metro Multiplex Cabinet Installation
April 29, 1993
VII. LIST OF PREPARERS

GTE Hawaiian Telephone Company Incorporated

OSP Engineering IV

Communication Consulting Services, Inc.

Parametrix, Inc.
The following agencies were notified of the proposed land disposition for their review and comments (copy attached).

1. City and County of Honolulu
   Department of Transportation Services
   "Approved as submitted"

2. State Department of Education
   "Approved as submitted"

3. City and County of Honolulu
   Department of Public Works
   "We have no objection to the subject disposition of State land within Roosevelt High School. However, please have GTE Hawaiian Telephone Company submit construction plans for our review and approval of their conduits crossing Auwaiolimu Street for their effect on our existing sewer lines."

4. Neighborhood Board
   "No comment received" (October 11, 1993)
FORM 70-A
For Internal Use

TO: DOE
FROM: Land Management

W. Masao Young
Land Management Administrator

STATE LAND DISPOSITION

Location: Auwaiolimu and Nehoa Street,
Honolulu, Oahu

Area: approx. 225 sq. ft. or acres

Tax Map *Key: 2-4-32:2 Survey Division Map:

Sale Lease Permit E.O. x Other Easement

Present Encumbrance: vacant
Prospective Applicant: GTE HAWAIIAN TELEPHONE CO.
Intended Use: Telecommunication Equipment
LUC Zoning: Urban
County Zoning: Urban
County General Plan:

Other Govt. Agency Referral:
Dept. of Education
Neighborhood Board
C&S Public Works
Trans. Svs.

DLNR Referrals:
Aquatic Resources
State Parks
Water and Land Dev.
Forestry/Wildlife
Piscal
Historic Sites
Con. & Env. Affairs
Ag Specialist
OHA

Special Conditions (if any): Please review attached exhibits and forward any comments you may have regarding GTE's request.

Requested by: Nick Vucicaro
Land Agent
587-0433

ENDORSEMENT:

X Approved as submitted Not Applicable
Disapproved or Conditional Extra Review Period
Approval** Requested**

Reviewing Official Alfred K. Suga Division Office of Business Services
* Attach Map
** Attach Explanation
December 22, 1992

We wish to provide you with the following comments:

1. We have no objection to the subject disposition of State land within Roosevelt High School. However, please have GTE Hawaii Telephone Company submit construction plans for our review and approval of their conduits crossing Auwaiolimu Street for their effect on our existing sewer lines.

2. DWG No. 1025 3F001as indicates pole no. P-41, however, field investigation indicates pole no. is P-40.
FORM 70-A
For Internal Use
TO: C&C Public Works
FROM: Land Management Administrator

Land Management Administrator

STATE: LAND DISPOSITION

Location: Auwaiolimu and Noho Street, Honolulu, Oahu
Area: approx.

or

275 sq. ft.

acres

Tax Map *Key: 2-4-32:2 Survey Division Map:

Sale Lease Permit E.O. x Other Easement

Present Encumbrance: vacant Prospective Applicant: GTE HAWAIIAN TELEPHONE CO.

Intended Use: Telecommunication Equipment

LUC Zoning: Urban

County Zoning: Urban

County General Plan:

Other Govt. Agency Referral:

Dept. of Education
Neighborhood Board
C&C Public Works
Trans. Svcs.

DLNR Referrals:

Aquatic Resources
State Parks
Water and Land Dev.
Forestry/Wildlife
Fiscal
Historic Sites
Con. & Env. Affairs
Ag Specialist
OHA

Special Conditions (if any): Please review attached exhibits and forward any comments you may have regarding GTE's request.

Requested by: Nick Vaccaro
Land Agent
587-0433

ENDORSEMENT:

Approved as submitted Not Applicable

X Extra Review Period Requested

Reviewing Official Director and Chief Engineer
Department of Public Works

Please refer to attached comments
FORM 70-A
For Internal Use
Date Sent
Date Received

TO: C&C Trans/ Svs.
FROM: Land Management Administrator

W. Nathan "Kek" Ue"i

STATE LAND DISPOSITION
Location: Auwaiolimu and Nehoa Street,
Honolulu, Oahu
Area: approx. 225 sq. ft.
or acres

Tax Map *Key: 2-4-32:2 Survey Division Map:

Sale ___ Lease ___ Permit ___ E.O. ___ Other

Present Encumbrance: vacant
Prospective Applicant: GTE HAWAIIAN TELEPHONE CO.
Intended Use: Telecommunication Equipment
LUC Zoning: Urban
County Zoning: Urban
County General Plan:

Other Govt. Agency Referral:  ________________ DLNR Referrals:
Dept. of Education ___________ Aquatic Resources
Neighborhood Board ___________ State Parks
C&C Public Works ___________ Water and Land Dev.
Trans. Svs. ___________ Forestry/Wildlife

Special Conditions (if any): Please review attached exhibits and forward any comments you may have regarding GTE's request.

Requested by: Nick Vaccaro
Land Agent
587-0433

ENDORSEMENT:

X Approved as submitted
Disapproved or Conditional
Not Applicable
Extra Review Period
Requested**

Reviewing Official
* Attach Map
** Attach Explanation

Division
JOSEPH K. MAGALI, JR., DIRECTOR
DEPARTMENT OF TRANSPORTATION SERVICES