

UTILITY GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61B-01-85M	1985	5	29

GAS COMPANY (GASCO) NOTES

1. The Gasco, Inc. gas pipelines in the project area are plastic coated and cathodically protected. The Contractor shall be extremely careful when working near these pipelines.
2. Prior written clearance must be obtained from Gasco, Inc. at least five working days before starting excavation near these gas pipelines.

Since gas line locations on field maps are approximate, the Contractor, after obtaining written clearance, shall call Gasco, Inc. a minimum of 48 hours before starting excavation to arrange for field location of the existing gas pipelines. The telephone number is 547-3575 during business hours, and 526-0066 after hours.

3. For relocation of any gas pipeline, the Contractor shall notify Gasco, Inc. five working days before starting work. The Contractor shall provide the necessary excavation and backfill, arrange for traffic permits, and restore pavement, sidewalks, or other facilities. Any relocation of gas facilities shall be done by Gasco, Inc. and paid for by the Contractor.
4. The Contractor shall notify Gasco, Inc. immediately after any damage has been caused to existing gas pipelines, coatings, or its cathodic protection devices. Repair work on such damage shall be done by Gasco, Inc., with payment for this work to be borne by the Contractor.
5. Minimum vertical and horizontal clearance between the gas pipelines and other pipelines, conduits, ductlines, or other facilities shall be 12 inches. Adequate support and protection for gas pipelines exposed in the trench shall be provided by the Contractor and approved by Gasco, Inc.
6. The Contractor shall work in an expeditious manner in order to keep the uncovered gas pipelines exposed for as short a period of the time as possible.

WASTE WATER MANAGEMENT (SEWER) NOTES

1. All construction shall be performed in accordance with the City's STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, May 1975 and THE STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, August 1976 as revised, and THE REVISED ORDINANCES OF HONOLULU, 1978, as amended.
2. The Contractor shall notify the Division of Wastewater Management (7) seven days prior to the commencement of sewer work and submit (4) four sets of approved construction plans.
3. Location of existing sewer appurtenances shown on the plans are approximate only. The exact location shall be verified in the field.

BOARD OF WATER SUPPLY (BWS) NOTES

1. Unless otherwise specified, all materials and construction of water system facilities and appurtenances shall be in accordance with the STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, dated 1976, as amended of the Hawaii Highways Division, Department of Transportation.
2. The BWS Standard Details, Figures 1-62 inclusive, bound in the "Water Sytem Standards" of the BWS, dated March 1977, as amended, are applicable to this Project.
3. The Contractor shall notify the Board of Water Supply one week prior to commencing work. Please contact Mel Mikasa at 527-6169.
4. The existence and location of underground utilities and structures as shown on the plans are from the latest available data but is not guaranteed as to the accuracy or the encountering of other obstacles during the course of the work. The Contractor shall be responsible and shall pay for all damages to existing utilities.
5. Any adjustments to the existing water system required during construction to meet requirements of BWS Standards, whether shown on the plans or not, shall be done by the Contractor at no cost to the Board.
6. Reapproval shall be required if this project is not under construction within a period of one year.
7. The Contractor shall adjust all valve boxes and manhole frames and covers that are in the areas to be paved. Prior to paving operations, BWS will mark all water manholes and valve boxes involved with this project. The Contractor shall be responsible for referencing, and adjusting all BWS appurtenances. Referencing of BWS facilities shall be incidental to the various contract items. Any additional work required of BWS to locate and reference BWS facilities, subsequent to paving operations, will be at the Contractor's expense. BWS will bill Contractor for said additional work.
8. All plans approved by the Board of Water Supply are based solely on the adequacy of the water supply. All other features of the water system, such as lines, grades, fittings etc., and drainage and other features of improvements shall not be the responsibility of the Board of Water Supply.

APPROVED:

[Signature]
CHIEF, PLANNING & ENGINEERING, BWS

11-21-84
DATE

APPROVED:

[Signature]
CHIEF, DIVISION OF WASTEWATER MANAGEMENT

11/26/84
DATE

HAWAIIAN ELECTRIC COMPANY (HECO) NOTES

1. The existence and location of HECO's underground facilities as shown on the plans are from existing records of varying degrees of accuracy and are not guaranteed as shown, therefore, the Contractor is to exercise extreme caution when the excavation and construction crosses or is in close proximity of the underground electrical facilities.
2. The Contractor is to comply with the directions of the State of Hawaii Occupational Safety and Health Law.
3. The Contractor is to obtain a clearance to excavate from HECO Mapping and Record Division, 4th Floor, 820 Ward Avenue two weeks prior to start of construction.
4. For verifying the location of underground duct lines and for assistance in providing proper support and protection of the underground duct lines, the Contractor is to contact HECO Underground Division at 548-7395 a minimum of 72 hours in advance.
5. Should it become necessary, any work required to relocate HECO facilities shall be done by HECO. The Contractor shall be responsible for all coordination.
6. The Contractor shall be liable for any damages to HECO's facilities.
7. The Contractor shall refer any damages to HECO's facilities to the HECO Trouble Dispatcher at 548-7961.

HAWAIIAN TELEPHONE COMPANY (HTCO) NOTES

1. The location of existing Hawaiian Telephone Company underground facilities are approximate only. The Contractor shall verify their location and depth of the facilities. Any damages to the underground facilities as a result of his operations shall be repaired and paid for by the Contractor.
2. The Contractor shall notify Hawaiian Telephone Company 72 hours prior to the start of excavation for field location of Hawaiian Telephone Company underground facilities.

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NO.	_____

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
UTILITY GENERAL NOTES
PALI HIGHWAY RESURFACING Kuakini Street to Hinala Place Proj. No. 61B-01-85M
Date: Nov., 1984

SHEET No. 1 OF 1 SHEETS