

UTILITY GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	6600A-01-84M	1984	3	25

HAWAIIAN ELECTRIC CO., INC. (HECO) NOTES

1. The existence and location of HECO's overhead and 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 underground electrical facilities and maintain adequate clearance for his equipment while working close to and/or under the overhead facilities.
2. The Contractor is to comply with the directions of the State of Hawaii Occupational Safety and Health Law (DOSH).
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. The Contractor shall be liable for any damages to HECO's facilities.
5. The Contractor shall report any damages to HECO's facilities to the HECO Trouble Dispatcher at phone no. 548-7920

GAS FACILITIES 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 gas pipelines.
2. Prior written clearance must be obtained from Gasco, Inc. at least five working days before starting excavation near these gas lines.

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 existing gas lines. 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 sidewalk, pavement, 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, their coatings or their cathodic protection devices. Repair work on this damage shall be done by Gasco, Inc. with payment for this work to be borne by the Contractor.
5. Minimum vertical or horizontal clearance between gas pipelines and other pipelines, conduits, or ductlines shall be 12 inches. Adequate support and protection for gas pipelines exposed in the trench shall be provided and approved by Gasco, Inc.
6. The Contractor shall work in an expeditious manner in order to keep uncovered gas pipelines exposed for as short a period of time as possible.

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 System 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 527-0169.

Discrepancies, if any, of alignments, grades, fittings, etc. shall not be the responsibility of the Board of Water Supply.

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.

APPROVED:

R. Hagita
CHIEF, PLANNING & ENGINEERING, BWS

5-2-84
DATE

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
UTILITY GENERAL NOTES
PUULOA ROAD RESURFACING VICINITY OF KILIHAI TO PUKOLOA Project No. 6600A-01-84M
Date: Apr., 1984
SHEET No. 1 OF 1 SHEETS