

HECo NOTES

1. The location of HECo's overhead and underground facilities shown on the plans are from existing records with varying degrees of accuracy and are not guaranteed as shown. The Contractor shall exercise extreme caution whenever construction crosses or is in close proximity of underground lines and shall maintain adequate clearance when operating equipment within or under any overhead lines.
2. The Contractor shall comply with the State of Hawaii's Occupational Safety and Health Law (DOSH).
3. The Contractor shall obtain an excavation permit from HECo's Mapping and Records Division located at 820 Ward Avenue, 4th floor, two weeks prior to starting construction.
4. For verification of underground lines or for assistance in supporting and protecting these lines, the Contractor shall call HECo's Underground Division at 543-7345 a minimum of 72 hours in advance.
5. When trench excavation is adjacent to or beneath our existing structures or facilities, the Contractor is responsible for:
 - a. Sheetting and bracing the excavation to prevent slides, caveins, and settlements.
 - b. Protecting existing structures or facilities with beams, struts, or under-pinnings.
6. For pole bracing instructions, the Contractor shall call the HECo District Superintendent at (Koolau/261-6085, Wai'au/543-4223, Ward/543-7745) a minimum of 72 hours in advance.
7. Any work required to relocate HECo facilities shall be done by HECo and the Contractor shall be responsible for all coordination, and for possible costs it applicable.
8. Should it become necessary to temporarily relocate any of HECo facilities to enable the Contractor to perform his work in a safe and expeditious manner in fulfilling his contract obligations, these temporary relocations will be done by HECo, or by the Contractor under HECo's supervision, with all costs borne by the Contractor.
9. Any unforeseen conflict that would result in the redesign or relocation (either temporary or permanent) of HECo's electrical facilities may be cause for lengthy delays. To avoid such delays, the Contractor must notify HECo of the conflict a minimum of 30 days prior to the start of construction.
10. Any damage to HECo's facilities will be reported immediately to HECo's Trouble Dispatcher at 543-7874.
11. All HECo overhead and underground facilities shall be protected at all times by the Contractor during construction. Costs for damages to HECo facilities shall be borne by the Contractor. This repair work shall be done by HECo, or by the Contractor under HECo's supervision.
12. The Contractor shall indemnify, defend and hold harmless HECo from and against all losses, damages, claims and actions, all expenses incidental to such losses, damages, claims or action, based upon or arising out of damage to property or injuries to persons, or other tortious acts caused or contributed to by Contractor or anyone acting under its direction or control or on its behalf; provided Contractor's indemnity shall not be applicable to any liability upon the sole negligence of HECo.

HAWAIIAN TELEPHONE NOTES

1. The Contractor shall procure and pay for all licenses and shall give notices necessary and incident to the due and lawful prosecution of work.
2. The Contractor shall obtain an excavation permit and toning request from GTE Hawaiian Telephone Company's Excavation Permit Section, located at 3239 Ualena Street, third floor, two weeks prior to the start of construction. Hours of business are 7:00 a.m. to 10:45 a.m. and 11:30 a.m. to 2:45 p.m. Monday through Friday, except holidays.
3. Prior to the excavation of the ductline, the Contractor shall request the GTE Hawaiian Telephone Company to locate existing ductline wherever required. For underground cable locating and marking, five (5) working days advance notice is required. Three (3) working days advance notice is required for any inspection by a designated representative.
4. The locations of existing utilities are approximate only. The Contractor shall exercise extreme caution and shall maintain proper clearances whenever construction crosses or is in close proximity of GTE Hawaiian Telephone Company facilities. The Contractor shall verify their locations and shall be liable for any damages to GTE Hawaiian Telephone Company facilities. Any damages shall be reported immediately to GTE Hawaiian Telephone Company's repair section at #611 (24 hours) or to the excavation permit section at 840-1444 (normal working hours, Monday through Friday, except holidays). As a result of his operations, adjustments to the new ductline alignment, if required, shall be made to provide the required clearances.
5. The Contractor shall take necessary precaution not to damage existing cables or ducts. A GTE Hawaiian Telephone inspector or designated representative is required to be at any job site whenever there will be a breakage into or entry into any structure that contain GTE Hawaiian Telephone facilities. Temporary cable and duct supports shall be provided wherever necessary.
6. The Contractor shall notify GTE Hawaiian Telephone Company's inspector or designated representative a minimum of 72 hours prior to excavation, bracing, or backfilling of GTE Hawaiian Telephone Company's structures or facilities.
7. All applicable construction work shall be done in accordance with the "GTE Hawaiian Telephone Company Standard Specifications for Placing Underground Telephone Systems" dated March 1999. All subsequent amendments and additions, and all other pertinent standards for telephone construction. Contractor shall familiarize his personnel by obtaining applicable specifications.
8. When excavation is adjacent to or beneath GTE Hawaiian Telephone Company's existing structures or facilities, the Contractor shall:
 - a) Sheet and/or brace the excavation to prevent slides, cave-ins, or settlements to ensure no movement to GTE Hawaiian Telephone Company's structures or facilities.
 - b) Protect existing structures and/or facilities with beams, struts, or underpinning while excavating beneath them to ensure no movement to GTE Hawaiian Telephone Company's structures or facilities.
9. The Contractor shall brace all poles or light standards near the new ductline, manhole, or handhole during his operations.
10. The Contractor shall saw-cut A.C. pavement and concrete gutter wherever new manholes, handholes, or ductlines are to be placed and shall restore to existing condition or better.
11. The Contractor shall comply with the policy adopted by the Department of Public Works, City and County of Honolulu, concerning the replacement of concrete sidewalks after excavation work.

12. The underground pipes, cables, or ductlines known to exist by the engineer from his search of records are indicated on the plans. The Contractor shall verify the locations and depths of the facilities and exercise proper care in excavating in the area. Wherever connections of new utilities to existing utilities are shown on the plans, the Contractor shall expose the existing lines at the proposed connections to verify their locations and depths prior to excavation for the new lines.
13. Wherever connections to existing utilities are shown on the plans, the Contractor shall expose the existing lines prior to excavation of the main trenches to verify their locations and depths.
14. The Contractor, at his own expense, shall keep the project and surrounding area free from dust nuisance. The cost for supplementary measures, which will be required by the City and County, shall be borne by the Contractor.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0750(11)	2000	4	18

ORIGINAL	DATE
REVIEWED BY	22-03
DESIGNED BY	
CHECKED BY	
APPROVED BY	
DATE	
SCALE	
NOTES	
REVISIONS	
BY	
DATE	

R44-97

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
UTILITY NOTES
KUNIA ROAD
Traffic Signals at Kunia Regional
SIGNIT Operations Center
Fed. Aid Project No. STP-0750(11)
Date: May, 2000
SHEET No. 4 OF 1 SHEETS