

UTILITY GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-01-85M	1985	6	30

GAS 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.

The Contractor shall excavate and backfill around gas pipelines in the presence of a Gasco, Inc. representative. All backfill within six inches of any gas pipeline shall be select cushion material approved by Gasco, Inc.

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.
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.

WATER 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 in writing one week prior to commencing work on the water system.
4. 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.
5. Any adjustments to the existing water system including manholes, meter boxes, and meters 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. The Contractor shall verify the location of waterlines in the field prior to installation of new guardrails. If there is a conflict, the new guardrails will be installed at the locations designated by the Engineer.
7. Contact BWS Maanana Corporation Yard, Francis Among, at 455-1333 upon commencing construction.
8. 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.

SEWER NOTES

1. The Contractor shall give advance notice to the Wastewater Management Division, Construction Section, fourteen (14) days prior to any paving operations by calling 523-4344.
2. The Contractor shall coordinate his work with the Contractor performing the following Wastewater Management Division project:
NANAKULI SEWERS SECTION I
IMPROVEMENT DISTRICT NO. 257.
JOB NO. W7-83

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
ORIGINAL PLAN	_____

APPROVED:

R. Regato 11-8-84
CHIEF, PLANNING & ENGINEERING, BWS DATE

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
UTILITY GENERAL NOTES
FARRINGTON HWY RESURFACING
Pelanaki St. toward Ulehuwa Bridge
PROJ. NO. 93A-01-85M
Date: Nov., 1984
SHEET No. 1 OF 1 SHEETS