

TRAFFIC NOTES:

1. A permit shall be obtained from the Department of Transportation Services before work on any portion of a public street or highway may begin.
2. The Contractor shall provide, install and maintain all necessary signs and other protective facilities, which shall conform with the "Rules and Regulations Governing the Use of Traffic Control Devices at Work Sites on or Adjacent to Public Streets and Highways," adopted by the Highway Safety Coordinator, and the Federal Highway Administration's "Manual on Uniform Traffic Control Devices for Streets and Highways, Part III-Traffic Controls for Highway Construction and Maintenance Operations", dated 1978.
3. Work on any city street area may be performed only between the hours of 8:30 A.M. to 3:30 P.M. Monday thru Friday unless otherwise permitted by the Department of Transportation Services.
4. During non-working hours, all lanes shall be open and all excavations on the roadway shall be covered with a safe non-skid bridging material.
5. Where pedestrian walkways exist, they shall be maintained in passable condition or other facilities for pedestrians shall be provided. Passage between walkways at intersections shall likewise be provided.
6. Contractor shall notify MTL Road Supervisor at 538-7622 of the closing of King Street two weeks prior to the actual closing dates.

GRADING NOTES:

1. All clearing, grubbing and grading work shall be done in accordance with Chapter 23, Revised Ordinance of Honolulu 1969 as amended (ordinance no. 3208, 4294, & 4538).
2. The Contractor shall obtain and pay for a grading permit from the County Division of Engineering prior to the commencement of grading work.
3. The Contractor shall be responsible for the clearing and removal of all silt and debris generated by this grading work, deposited and accumulated within downstream waterways, ditches, drain pipes and on public roadways. The Contractor agrees to reimburse the City and County of Honolulu for all costs expended in the performance of the above work, if required for public health and safety as made necessary by non-performance by the Contractor.
4. The Contractor shall at his own expense keep the project and surrounding area free from dust nuisance. The city shall require supplementary measures as necessary.
5. Earth slopes and other areas exposed by clearing, grubbing and grading shall be planted with grass or other suitable ground cover as soon as practical following completion of the clearing, grubbing or grading operation.
6. Excess material from the project site will be disposed at a site provided by the Contractor. The City shall be informed of the location of the disposal site when the application for the grading permit is made. The disposal site must also fulfill the requirements of the Grading Ordinance.
7. The City shall be informed of the location of the borrow site for material required for the project when the application for a grading permit is made. The borrow site must also fulfill the requirements of the Grading Ordinance.
8. No clearing, grubbing or grading work shall be done on Saturdays, Sundays and Holidays or at any time without prior notice to the Chief Engineer.
9. Grass all areas within contract zone limits, not paved or covered by structures.
10. The Contractor shall be responsible for conformance to Chapter 37 and 37a of the Public Health Regulations, Department of Health, State of Hawaii.
11. Finish grades includes six inches topsoil on areas to be planted.
12. The limits of grading area and area to be cleared and grubbed shall be flagged before the commencement of the work.
13. Temporary erosion control procedures shall be submitted for approval prior to application for a grading permit.
 - a. Install filter berm prior to any excavation work
 - b. Install grass planting (approximately 12,000 S.F.) as directed by the Engineer on exposed areas.

GASCO NOTES:

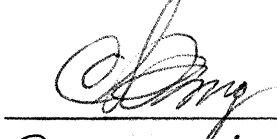
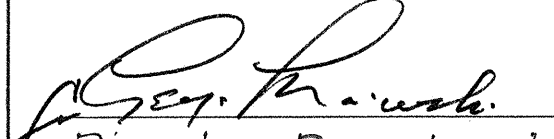
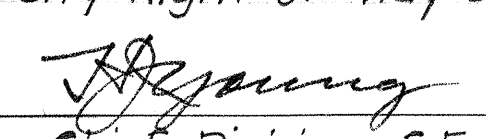
1. The Gasco, Inc. gas pipe lines in the project area are plastic coated and cathodically protected. The Contractor shall be extremely careful when working near these gas pipe lines.
2. The Contractor shall call Gasco, Inc. a minimum of 48 hours before starting excavation to arrange for field location of all existing gas pipe lines. The telephone number is 548-2126 during business hours, and 548-2123 after hours. The Contractor shall excavate and backfill around gas pipe lines in the presence of a Gasco, Inc. representative. All backfill within six inches of gas pipe line shall be select cushion material approved by Gasco, Inc.
3. For relocation of any gas pipe line, 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.
4. The Contractor shall notify Gasco, Inc. immediately after any damage has been caused to existing gas pipe lines, 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 pipe lines and other pipe lines, conduits, or ductlines shall be twelve inches. Adequate support and protection for gas pipe lines exposed in the trench shall be provided. Such support and protection shall be approved by Gasco, Inc.
6. The Contractor shall work in an expeditious manner in order to keep uncovered gas pipe lines exposed for as short a period of time as possible.

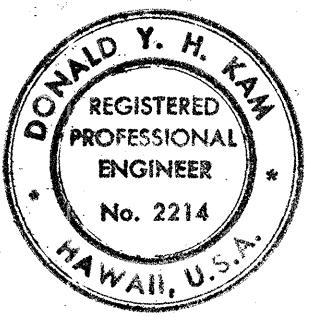
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(157)-24	1979	28	146

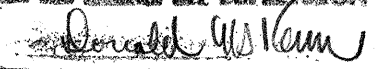
CONSTRUCTION NOTES:
(WITHIN COUNTY ROADS & R/W)

1. All applicable construction work shall be done in accordance with the Standard Specifications for Road and Bridge Construction, 1976, as amended, of the Hawaii Highways Division, Department of Transportation, State of Hawaii.
2. 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 location and depth 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.

ORIGINAL PLAN	SURVEY PLOTTED BY:	DATE:
NOTE BOOK	DRAWN BY:	
No.	DESIGNED BY:	
	QUANTITIES BY:	
	CHECKED BY:	

Approved:  Date: 4/4/79 Gasco, Inc.	Approved:  Date: 4/6/79 Director, Department of Transportation Services City & County of Honolulu	Approved for Grading & Construction within City Right-of-Way Only:  Date: 4/6/79 Chief, Division of Engineering Department of Public Works City & County of Honolulu
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THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
CONSTRUCTION NOTES
KAPIOLANI BOULEVARD

INTERSTATE ROUTE H-1
KAPIOLANI INTERCHANGE ON-RAMP
F.A.I. PROJ. NO. I-HI-1(157)-24
Scale: AS NOTED Date 10-15-79
SHEET NO. 1 OF 1 SHEETS