

UTILITY NOTES:

ELECTRICAL NOTES~HAWAIIAN ELECTRIC CO., INC. (HECO.)

1. The existing location of HECO's overhead facilities shown on the plans are from existing records with varying degrees of accuracy and are not guaranteed as shown. Therefore, the Contractor shall exercise extreme caution when the excavation and construction crosses or is in close proximity of electrical facilities and maintain adequate clearance for his equipment while working close to or under the overhead facilities.
2. The Contractor shall comply with the directions of the State of Hawaii Occupational Safety and Health Law (DOSH).
3. When trench excavation is adjacent to or under existing structures or facilities, the Contractor is responsible for properly sheeting and bracing the excavation and stabilizing the existing ground to render it safe and secure from possible slides, cave-ins and settlement, and for properly supporting existing structures and facilities with beams, struts or underpinning to fully protect it from damage.
4. Should field conditions or construction procedures require that poles be braced to facilitate construction, the Contractor is to contact Mr. Walter Okudara, HECO, District Construction Superintendent, at 455-2933 a minimum of 72 hours in advance for pole bracing instructions. Any bracing or support work performed by HECO shall be paid for by the Contractor.
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 and costs.
6. The Contractor shall be liable for any damages to HECO's facilities.
7. The Contractor shall report any damages to HECO's facilities to the HECO Trouble Dispatcher at Phone No. 548-7961.

JOINT TRUNKING SYSTEM AND TELEPHONE NOTES~
HAWAIIAN TELEPHONE CO. (HTCO.)

1. The Contractor shall obtain excavation clearance from HTCO. Outside Plant Engineering Section a minimum of 72 hours before starting any excavation work.

WATER NOTES~U.S. ARMY WATER LINE

1. To verify the location of the existing water line, the Contractor is to contact Mr. S. Mugford, Chief Utility Branch, at 655-9008 two (2) days prior to commencing work.

RESURFACING GENERAL NOTES

1. The scope of work for this project consists of reconstructing weakened pavement areas; resurfacing with A.C. Mix No. V and Open Graded Plant Mix Seal; roadway widening; paving shoulders; placing pavement markers, striping, object markers, reflector markers and signing; installing guard rails; and installing an amber beacon system.
2. The exact locations and limits of areas to be reconstructed shall be determined in the field by the Engineer.
3. All existing paved side roads within the project limits shall be resurfaced up to the Right-of-Way with the same type and thickness of overlay material being placed within the travelled way. Smooth riding transitions shall be constructed to all existing pavements.
4. All holes, cracks and wheel ruts shall be filled and compacted with Asphalt Concrete Mix No. V prior to resurfacing. This work will be paid for under Item No. 401.0500-Asphalt Concrete Pavement, Mix No. V.
5. The Contractor shall remove and dispose all existing raised pavement markers in the resurfacing areas prior to overlaying of Asphalt Concrete. This work shall be considered incidental to Item No. 401.0500-Asphalt Concrete Pavement, Mix No. V and will not be paid for separately.
6. Existing Asphalt Concrete Pavement removed by cold planing and excavated weakened pavement areas may be used for "Recycled Plant Mix Asphalt Concrete Base Course" or otherwise shall be the Contractor's property.
7. The Contractor's attention is directed to Subsection 107.13-"Public Convenience and Safety" and to Section 645-"Traffic Control" of the Special Provisions.
8. The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
9. Existing utilities locations shown on the plans are approximate only. The Contractor shall verify their actual locations with the various owners and shall be liable for any damages incurred to the existing utilities as a result of his operations. The damaged utilities shall be replaced and/or repaired by the Contractor, in accordance with the standards and specifications of the affected utility, at his expense.
10. The exact guard rail locations shall be determined in the field by the Engineer. In areas where there are obstructions adjacent to guard rail locations with less than 3'-0" clearance between guard rail and obstruction, beam type guard rail with rub rail shall be installed, in accordance with Plan Sheet No. 12.
11. Dressed shoulders shall consist of clearing, grubbing, backfilling with suitable excavated material, grading to provide drainage, reshaping and compacting the unpaved shoulders as shown on the plans and/or as directed by the Engineer. The finish elevation of unpaved shoulder at the guard rail

shall be such that the required 1'-9" is maintained. This work shall be considered incidental to Item No. 401.0500 Asphalt Concrete Pavement, Mix No. V and will not be paid for separately.

12. Removal of existing guard rail and installation of new guard rail in the same location, shall be completed on the same day.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0750(7)	1984	2	32

DATE	____
DESIGNED BY	____
CHECKED BY	____
QUANTITIES BY	____
NOTED BY	____
ORIGINAL PLAN	____

STATE OF HAWAII	
DEPARTMENT OF TRANSPORTATION	
HIGHWAYS DIVISION	
UTILITY AND RESURFACING	
GENERAL NOTES	
KUNIA ROAD RESURFACING	
F.A. PROJECT No. RS-0750(7)	
Date: April, 1984	
SHEET NO. 2	OF 32 SHEETS