

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-HI-1(247)	2005	3	13

GENERAL NOTES

1. The project includes lining the invert of a 96" corrugated metal pipe (CMP) with concrete and constructing a grouted rubble paving (GRP) structure under Kalauao Stream Bridge.
2. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 - Traffic Control.
3. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic. The storage and/or staging of equipment and materials within the project limits and State Right-Of-Way is prohibited unless a written permit is applied for and granted from the State Department of Transportation Oahu District Office. The storage and/or staging of equipment within the State Right-Of-Way but outside the project limits is prohibited unless a written permit is applied for and granted from the State Department of Transportation's Right-Of-Way Branch.
4. The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
5. Dressing of shoulder shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract items.
6. The Contractor shall provide for access to and from all existing side streets and driveways at all times.
7. All saw cutting work, including the cleaning and removal of generated slurry, shall be considered incidental to the various contract items.
8. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
9. Any pavement striping/markings damaged by the Contractor as a result of his operations shall be replaced by the Contractor at no cost to the State.
10. Contractor to maintain a minimum horizontal and vertical clearance of 1'-6" from existing sewer lines.
11. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 30 percent of the total contract cost less deductible items.
12. Contractor shall dispose or deliver any removed material at no cost to the State.
13. The Contractor shall be held liable for any damages incurred to the existing utilities as a result of his operations. All damaged portions shall be replaced in accordance with the Standards and Specifications of the affected utility company at the Contractor's expense.
14. The Contractor is reminded that the Engineer will not pay for Mobilization separately, but will consider Mobilization incidental to the various contract items.

DRAINAGE NOTES

1. Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow. The cost shall be incidental to the various contract items.
2. The Contractor shall verify the locations of all existing culverts and utilities in the field. Any existing culverts and utilities damaged during construction shall be repaired or replaced by the Contractor at his own expense.
3. Concrete shall be Class A unless otherwise noted.
4. Chamfer all exposed concrete edges  $\frac{3}{4}$ ".
5. Contractor shall incorporate the erosion control measures for the 96" culvert outlet, as shown on Plan Sheet No. H5, into his site-specific BMP. These measures, as outlined in Plan Sheet No. H5, shall be considered incidental to the various contract items and not paid for separately.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY <u>JK</u>	<u>7/28/04</u>
NOTE BOOK	TRACED BY	
<u>7/28/04</u>	DESIGNED BY <u>FLK</u>	
<u>7/28/04</u>	QUANTITIES BY	
<u>7/28/04</u>	CHECKED BY	
N <sup>o</sup> .		

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

NOTES

INTERSTATE ROUTE H-1  
MISC. DRAINAGE IMPROVEMENTS  
Vicinities of Pearl City and Aiea  
Fed. Aid Project No. 1M-HI-1(247)

Date: August, 2004

SHEET No. 1 OF 1 SHEETS