

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H11-01-09	2009	58	73

GENERAL NOTES

- The scope of work for this project consists of demolishing, removing, and disposing of existing underdrain and existing curb and/or gutter, installing new underdrain system, grated drop inlets, and culverts connecting the new grated drop inlets to an existing box culvert.
- The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work to not less than 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- The Contractor's attention is directed to the following Sections: Subsection 104.11 - Utilities and Services; Subsection 107.06 - Contractor Duty Regarding Public Convenience; and Section 645 - Work Zone Traffic Control.
- 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 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 tone for the exact locations and depths of all underground facilities, either shown on or omitted from the plans, in areas where work, such as the placement of sign posts, traffic signal conduits, etc. may affect these properties. Toning shall be considered incidental to the various contract items and will not be paid for seperately. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
- The Contractor shall notify, the Oahu Transit Services, Lowell Tom (848-4578) or Ed Sniffen (848-4571), two (2) weeks prior to construction, informing them of location, scope of work, and clo-sure of Interstate Route H-1 and/or traffic lanes and dates of clo-sure.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
- The Contractor shall indemnify and be solely responsible for the protection of adjacent properties, utilities and existing structures from damages due to construction. Repairing any damage shall be at the Contractor's own expense, to the satisfaction of the Engineer.
- Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to any culvert work or the various contract items and will not be paid for seperately.
- Earth swale shall be graded to drain. This work shall be considered incidental to various contract items.
- The Contractor shall clean and remove any accumulation of aggregates along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to bulk of work or the various contract items and will not be paid for seperately.

- All saw cutting work shall be considered incidental to Roadway Excavation or Asphalt Concrete or Various Contract Items or their respective bid items.
- Prior to placement of new aggregate subbase course, the existing subbase shall be compacted to a relative compaction greater than or equal to 95%.
- The top of the Plant Mix Glassphalt Concrete Base Course prior to placement of the new A.C. Pavement, Mix No. IV shall comply with the ten-foot straight edge requirement. The variation of the surface from a straight edge with two contacts with the surface, shall not exceed 3/16."
- The Contractor shall remove and dispose of all existing raised pavement markers, thermoplastic line markings, traffic tapes, and epoxy adhesives prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for seperately.
- No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations de-signed in writing and approved by the Engineer. If use of location is approved by the engineer, the Contractor shall obtain a permit to use the property within the highway right-of-way from the Oahu District Office at telephone no. 831-6712.
- Lane shift on H-1 (westbound) for the School Street Off-Ramp drainage work, if implemented by the Contractor, shall be removed and normal traffic pattern on H-1 (westbound) restored, before lane shift for the School Street On-Ramp retaining wall repair work would be allowed. Only one lane shift on H-1 westbound shall be allowed at all times.

DRAINAGE NOTES

- 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.
- For added reinforcing around culverts at new drainage structures, see Standard Plan H-06.
- Chamfer all exposed concrete edges 1".
- Concrete shall be Class A unless otherwise noted.
- Replace Pavement Striping and Markings damaged by the Contractor. Existing Pavement Striping and Markings that are faded or missing shall be installed by the Contractor. These costs shall be considered incidental to the various Contract Items.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	10/10/08
DESIGNED BY	CHECKED BY	
QUANTITIES BY		
CHECKED BY		

0102/0008

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NOTES

INTERSTATE ROUTE H-1
DRAINAGE IMPROVEMENTS
Vicinity of School Street Off-Ramp
Project No. H11-01-09

Date: March, 2009

SHEET No. 1 OF 1 SHEETS