

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-02-98	1999	3	8

GENERAL NOTES

1. The scope of work for this project includes constructing concrete headwalls; installing reinforced concrete pipe culverts; constructing ditches and channels; backfilling existing ditches; site grading; removing and disposing of existing headwalls and reflector markers; and installing reflector markers.
2. 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 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
3. 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.
4. 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.
5. All lanes shall be open to traffic during peak hours from 6:30 A.M. to 8:30 A.M., during afternoon peak hours from 3:30 P.M. to 6:00 P.M. and during off work hours. Only one lane of highway shall be closed at any other time. Failure of the Contractor to open all lanes of traffic during the times specified above, shall result in assessment of liquidated damages as specified in Section 108.08 of the Special Provisions.
6. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
7. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
8. The Contractor shall be responsible for backfilling existing ditches as shown on the plans (hatched areas). The quantity of material required for backfilling is approximately 300 cubic yards. This work shall not be paid for separately but shall be considered incidental to the various contract items.

Subject to approval of the Engineer, the Contractor may use the excavated material from site grading, ditch and channel excavation, and structure excavation for drainage system. Excess material needed to backfill the existing ditches shall be the responsibility of the Contractor.



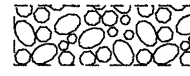
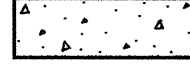
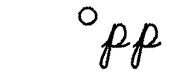


9. Clearing, grubbing and site grading shall not be paid for separately but shall be considered incidental to various contract items.

Removal and disposal of trees is included in Section 201-Clearing and Grubbing, of the Special Provisions. The Number of trees to be removed and disposed of shall be determined in the field.

10. The Contractor shall be responsible for diverting and/or bypassing the ditch flows through or around his work area. This work shall not be paid for separately but shall be considered incidental to the various contract items.
11. After completion of the work, the Contractor shall be responsible for removing and disposing of the silt barriers. This work shall not be paid for separately but shall be considered incidental to the various contract items.
12. New 8" PVC, Sch. 80, shall not be paid for separately but shall be considered incidental to the various contract items. The price includes full compensation for furnishing and installing the pipe; excavating and backfilling; capping and/or plugging existing drain pipe; and furnishing labor, materials, tools, equipment and incidentals necessary to complete the work.

13. The Contractor shall erect construction warning signs approximately 500 feet before the beginning of project and 500 feet after the end of project or as directed by the Engineer.
14. Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be considered incidental to the various signing items.
15. The Contractor shall periodically wash down signs, delineators and other traffic control devices shown on the plans or as deemed necessary by the Engineer. This work shall be considered incidental to the various contract items and no payment will be made therefore.
16. Damage to signs, temporary pavement markers, delineators, barricades, and lamps caused by the public shall be repaired or replaced by the Contractor as soon as possible or as directed by the Engineer. This work shall be paid under Contract Item No. 645.0200 - Police Officers and/or Additional Traffic Control Devices. Damages caused by the Contractor's negligence shall be repaired or replaced as soon as possible at the Contractor's expense.

LEGEND

-  Backfill Areas
-  Site Grading Areas
-  Existing CRM Wall
-  New Concrete Headwall
-  Existing Power Pole
-  Existing Metal Guardrail
-  Existing Tree

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	1998
DESIGNED BY	10/2/98	
CHECKED BY		
10/2/98		
10/2/98		

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES & LEGEND
KUHIO HIGHWAY DRAINAGE IMPROVEMENTS
Hanalei Bridge Through Hanalei Town
Project No. 560A-02-98
Date: July, 1998
SHEET No. 1 OF 1 SHEETS