

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-00MR	2001	4	73

1.

The scope of work for this project consists of roadway maintenance including roadway rehabilitation, shoulder stabilization, drainage improvements, guardrail installation, sign relocation, and cattle guard repair.
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.

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.
6.

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.
7.

Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.
8.

Earth and asphaltic concrete swale shall be graded to drain. This work shall be considered incidental to the various contract items.
9.

The Contractor shall provide for access to and from all existing side streets and driveways at all times.
10.

All saw cutting work shall be considered incidental to the various contract items.
11.

All extended culverts will require a concrete collar at the connection of the new pipe to the existing pipe.
12.

See special provisions for traffic control plan.
13.

The Contractor shall stakeout and clearly mark locations of new guardrails and end terminals to be installed and shall not proceed with installation until approval by the Engineer.

14.

The Contractor shall construct shoulder and install guardrail only one side of the highway at a time. Guardrail sections shall be installed complete with guardrail terminals before moving on to new locations. No section of incomplete guardrail shall be left unshielded at the end of each work day.
15.

Whenever "Fleat-350" is noted on plans, it means "Flared Energy Absorbing Terminal". See plan sheet no. 15 for details.
16.

Prior to pounding guardrail posts, Contractor shall verify locations of all existing underground facilities, structures, manholes, etc.
17.

Guardrails and posts that are to be removed shall be delivered to the State Highways Baseyard at Kahului. This shall not be paid for separately but shall be considered incidental to guardrail pay items.
18.

The Contractor shall replace all road reflectors removed during construction of inlets, gutters, headwalls, and rip-rap blankets.

LEGEND

- °UP

Existing Power Pole
- °WV

Existing Water Valve Box
- ⊕FH

Existing Fire Hydrant
- 24" RCP

New 24 " RCP Drain Line
- Ⓟ

Existing Traffic Sign
- New Grated Drop Inlet
- New CRM Headwall, Wingwalls, and Apron
- New Guardrail
- 3732

Existing Contour
- 3732

Proposed Contour

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HALEAKALA CRATER ROAD
REPAIRS AND MAINTENANCE
PROJECT NO. 378A-01-00MR

Scale: N/A Date: January, 2001

SHEET No. 1 OF 1 SHEETS