

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(076)	2012	3	47

GENERAL NOTES

1.

The scope of work for this project consists of installing metal guardrail; upgrading guardrail end terminal.
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: Sub-Section 104.04 Maintenance of Traffic, Subsection 107.13 public Convenience and Safety, Subsection 107.21 Contractors Responsibility for Utility Property and Services, Section 645 Traffic Control.
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 the 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 excavated material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to guardrail pay items.
6.

The Contractor shall notify the State in writing, two (2) weeks prior to starting guardrail installation.
7.

All construction signs shall be left in place until all construction items have been completed. Contractor shall obtain prior approval from the Engineer to remove construction signs.
8.

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.
9.

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

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.
11.

The Contractor shall install guardrail only one side of the highway a time. Guardrail sections shall be installed complete with guardrail terminals before moving on to new location. No section of incomplete guardrail shall be left unshielded at the end of each work day.
12.

Removal of guardrails and posts will not be paid for separately. Materials that will be removed shall be delivered to State Highways baseyard at Molokai. These work will not be paid for separately but shall be considered incidental to guardrail pay items.
13.

Whenever "FLEAT-350" is noted on these plans, it means "Flared Energy Absorbing Terminal". See Plan Sht. No. 11 for details.
14.

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

15.

The endangered Hawaiian goose (*Branta sandvicensis*, nene has been observed at various locations throughout the island of Molokai. All on-site project personnel should be apprised that nene may be in the vicinity of the project at any time. If any nene appears within 100 feet (30.5 meters) of ongoing work, all activity should be temporarily suspended until the animal leaves the area of its own accord.
16.

The endangered Hawaiian hoary bat (*Lasiurus cinereus semotus*) roosts in both exotic and native woody vegetation and, while foraging, leave their young unattended in "nursery" trees and shrubs. If trees or shrubs suitable for bat roosting are cleared during the breeding season, there is a risk that young bats could inadvertently be harmed or killed. As a result, woody plants greater than 15 feet (4.6 meters) tall should not be removed or trimmed from June 1 to September 15.

LEGEND

- Existing Power Pole
- Existing 4" Water Line
- Existing 8" Water Line
- Existing 12" Water Line
- Existing Water Valve Box
- Existing 6" Sewer Line
- Existing Sewer Manhole
- Existing Telephone Pole
- Existing Single Metal Guardrail
- New Single Metal Guardrail
- Existing Monument
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ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
NOTE BOOK	N. 10/20	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

GUARDRAIL & SHOULDER IMPROVEMENT

At Various Locations, Molokai

Federal-Aid Project No. STP-0900(076)

Date: July, 2011

SHEET No. 1 OF 1 SHEETS