

GENERAL NOTES

1. The scope of work for this project consists of replacing and upgrading existing guardrail terminals; reconstructing existing V-ditches; regrading existing shoulder; upgrading and replacing bridge endposts and rails; erosion control and all incidentals necessary to complete the project.
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. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
7. 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.
8. 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.
9. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
10. The contractor shall provide for access to and from all existing side streets at all times.
11. All saw cutting work shall be considered incidental to demolition and disposal of concrete gutters.
12. All guardrail layouts shall be done by the Contractor but shall be approved by the Engineer before construction.
13. Removal and disposal of existing guardrail, bridge railing, concrete reinforcement bars and bridge endpost shall be incidental to the various guardrail items.
14. No section of incomplete guardrail, footing and/or excavation shall be left unshielded at the end of each work day. Open sections shall be shielded by portable physical barriers. Furnishing, placing, maintaining, relocating and removal of physical barriers shall be considered incidental to various contract items.

15. All traffic control devices including cones, barricades, etc. shall comply with the "Statewide Guideline for Work Zone Traffic Control Devices" dated September 13, 2000.
16. All speed limit signs covered during the lane closure period shall be uncovered upon the removal of the lane closure including construction warning/regulatory signs.
17. Providing, transporting, placing, maintaining, relocating and removal of portable barriers shall be considered incidental to the various items of work. See Section 645, TRAFFIC CONTROL DEVICES of the Special Provisions.
18. Install steady burn amber lamps on portable concrete barrier @ 20'-0" o.c.. Installing, maintaining and changing batteries of the Portable Mounted Steady Burn Amber Lamps shall be considered incidental to the various items of work.

LEGEND

- 4—12— Existing Sewer Line
- °_{smh} Existing Sewer Manhole
- e— Existing Electrical Line
- °_{jp} Existing Joint Pole
- °_{pp} Existing Power Pole
- °_{emh} Existing Electric Manhole
- t— Existing Telephone Line
- °_{mon} Existing Monument
- °_{tp} Existing Telephone Pole
- °_{tmh} Existing Telephone Manhole
- d---24--- Existing 24" Drain Line
- °_{dsmh} Existing Storm Drain Manhole
- Δc— Existing Signal Corps Line
- _{gdi} Existing Grated Drop Inlet
- w—12— Existing 12" Water Line
- _{cb} Existing Catch Basin
- Existing Traffic Sign
- Existing Highway Lighting Standard
- _{gdi} Reconstructed Grated Drop Inlet
- °_{wmh} Existing Water Manhole
- °_{av} Existing Water Air Valve
- °_{wv} Existing Water Valve Box

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(60)	2002	3	33

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
APPROVED BY	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES AND LEGEND
HALEKALUA HWY. GUARDRAIL & SHOULDER IMPROVEMENTS
HAILIHALE ROAD TO KULA HIGHWAY &
KAHEKILI HWY. GUARDRAIL & SHOULDER IMPROVEMENTS
at Waihee Bridge and Approaches
Federal Aid Project No. STP-0900(60)
Date: March, 2001

SHEET No. 1 OF 1 SHEETS