

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(40)	1998	3	13

GENERAL NOTES

- The scope of work for this project consists of removing and installing metal guardrail and posts; constructing paved areas under new guardrails; reconstructing gutters, dressing of shoulders; and installing signs.
- 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.
- 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, Section 645 - 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 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.
- The exact locations and limits or areas to be excavated and reconstructed shall be determined in the field by the Engineer.
- The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
- 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 the various contract items.
- Existing drainage system will be functional at all times during construction. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.
- Contractor shall provide for access to and from all existing side streets at all times.

- All saw cutting work shall be considered incidental to Roadway Excavation.
- All new metal guardrail shall be Type 3, single w/steel posts unless noted otherwise.
- Work includes removing segments of low and/or damaged guardrail. Engineer will determine the amount and location(s) during construction. Work includes connecting new guardrails to existing guardrails.
- Removal of Type D Terminal End (mounded end) including removal of earth mound, concrete anchor block and one length of guardrail shall be paid under Item No. 202.0450 - REMOVAL OF TYPE 'D' TERMINAL ENDS. Removal of the earth mound (36 CY), concrete anchor block (1 CY), and one length of guardrail shall be considered incidental to Type 'D' removal.
- Removal of Ramp Down Terminal End, including concrete anchor block, shall be paid under Item No. 202.0430 - REMOVAL OF GUARDRAIL AND STEEL POSTS. Removal of the concrete block (1 CY) shall be considered incidental to guardrail removal.
- Connection to existing guardrail shall be considered incidental to Item No. 606.3130 - GUARDRAIL, TYPE 3, SINGLE WITH SPACER ON STEEL POST.
- Removal of W Beam End Sections (Flared) shall be considered incidental to removal of guardrails.
- Metal rail and posts at Type C and F Terminal Sections shall be paid under item No. 616.3130 - GUARDRAIL, TYPE 3, SINGLE, WITH SPACER, ON STEEL POST. Anchor Block, Cable, Rod, Grouted Rubble Paving, Anchor Plate with all Hardware, etc., shall be paid under Item No. 606.6100 - TERMINAL SECTION, TYPE C AND F. Removal of same shall be measured in a similar fashion.
- No section where guardrails have been removed shall be left unshielded at the end of each work day. Open sections shall be shielded by portable physical barriers. Furnishing, placing and maintaining physical barriers shall be considered incidental to other contract items. See Plan sheet No. 5 for Details.
- During working hours, open sections shall be delineated by placing Type II Barricades with flashers @ 40' O. C. and traffic cones @ 10' O. C. between barricades. Furnishing, placing and maintaining barricades and cones shall be considered incidental to other contract items.
- The Contractor shall not perform any work on Kuhio Highway (56) between mile post 2.6 and mile post 6.6 between 6:00 am and 8:30 am or whenever the Contra Flow is in effect.

LEGEND

■ ■ ■ ■ ■ New Guardrail

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	5/27/98
hwy	TRACED BY	
hwy	CHECKED BY	
hwy	QUANTITIES BY	
hwy	CHECKED BY	

5/27/98 Revised General Note No. 1.

DATE REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES AND LEGEND
KAPULE HIGHWAY AND KUHIO HIGHWAY Guardrail and Shoulder Improvements at Various Locations Fed. Aid Project No. STP-0700(40) Date: July, 1997

SHEET No. 1 OF 1 SHEETS