

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0470(4)	1997	3	16

GENERAL NOTES

- ORIGINAL
PLAN

NOTE BOOK

SURVEY PLOTTED BY
DATE 12/1/95

TRACED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY
- The scope of work for this project consists of constructing asphalt concrete base shoulders; replacing wooden existing guardrails with new metal guardrails; reconstructing culverts and installing grated drop inlets, headwalls, pavement markings and 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: 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 of the Standard Specifications.
 - 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.
 - Saw-cutting of existing pavement shall not be measured or paid for separately but shall be considered incidental to Roadway Excavation.
 - 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.
 - The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
 - 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.
 - Smooth riding connections shall be constructed at sideroads and driveways and at all connecting approaches as directed by the Engineer. This work shall be considered incidental to installation of paved shoulders.
 - All lanes shall be opened to traffic during the morning peak hours from 6:00 a.m. to 8:00 a.m. during afternoon peak hours from 4:00 p.m. to 6:00 p.m. and off work hours. Only one lane of highway shall be closed at any other time.
 - The Contractor shall not leave more than 1 1/2" drop-off at the edge of pavement, at the end of each work day. Whenever the Contractor leaves a 1 1/2" or greater drop-off, the Contractor shall install portable concrete barriers with appropriate markings along the edge of pavement. This work, which includes furnishing, installing, cleaning, maintaining correct placement and removing when required, shall be considered incidental to Roadway Excavation.
 - 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 Contractor shall provide for access to and from all existing sideroads and driveways at all times.
 - The Contractor shall construct shoulder and install guardrails only one side of the highway at a time. Guardrail sections shall be installed complete with guardrail terminals before moving on to new location.

- Sign posts shall be square tube post. Refer to Standard Plans for details.
- Demolishing, removing and disposing of existing concrete headwall structures and concrete gutters shall be considered incidental to installation of various drainage pay items and will not be paid for separately.
- Where existing guardrails are located, paved shoulder shall be constructed up to the face of the guardrail. Paved shoulder widths shall be determined in the field and approved by the Engineer.
- 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.
- Removal of guardrails and posts will not be paid for separately. Materials that will be removed shall be delivered to State Highways baseyard at Kaunakakai. Method of removal shall be conducted to prevent damage to wooden rails and posts. These work will not be paid for separately but shall be considered incidental to guardrail pay items.
- Existing guardrail appurtenances and signs that will be removed and replaced shall be delivered to the Molokai Baseyard. Payment for removal, storage and delivery shall be considered incidental to various guardrail pay items.
- Whenever "SRT-350" is noted on these plans, it means "Slotted Rail Terminal 350". See Plan Sheet No. 5 for details.

LEGEND

- Existing Power Pole

Existing 1 1/2" Water Line

Existing 6" Sewer Line

Existing Sewer Manhole

Existing Telephone Pole

Existing Single Metal Guardrail or Existing Wooden Guardrail w/Conc. Post

New Single Metal Guardrail

Existing Monument

Existing 24" RCP Drain Line

New 24" RCP Drain Line

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KALAE HIGHWAY
GUARDRAIL & SHOULDER IMPROVEMENTS
Maunaloa Highway to Farrington Avenue
Fed. Aid Project No. STP-0470(4)

Date: Sept., 1995

SHEET No. 1 OF 1 SHEETS