

GENERAL NOTES:

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER - 11 (3)	1993	3	5

1. The scope of work for this project consists of removing damaged guardrails and installing new guardrails at various locations along Kaunualii Highway and Kuhio Highway.
- 2- No material or equipment shall be stockpiled or parked within the Highway Rights of Way except at locations designated by the Engineer.
- 3- All damaged guardrails, as determined by the Engineer, shall be removed and disposed of, by the Contractor. All costs for removal & disposal of guardrails shall be paid for under Item No. 202.0420 - Removal of Guardrail.
- 4- All depressions and holes resulting from the removal of existing concrete and metal posts shall be backfilled & compacted. Payment for this work shall be considered incidental to "Item No. 202.0460".
- 5- All terminal sections except B.C.T. lengths are included in "Guard Rail with Steel Posts".
- 6- Removal of existing guardrail, prior to installing new guardrail, shall be permitted in increments, as approved by the Engineer; all locations without rail elements at the end of a workday shall be delineated with steady burning lights mounted on Type II Barricades at 20 feet o.c. Furnishing and placement of Type II Barricades and Lights shall not be paid for separately but shall be considered incidental to "Item No. 606.3110". (Unprotected portions shall not be left open for more than two nights)
- 7- Contractor must exercise care in installing guardrail posts near all underground facilities. If necessary, excavation by hand methods shall be required to avoid damaging underground facilities.
- 8- All signs and Milepost Markers shown on the plans are existing and are to remain in place. Should guardrail installations necessitate relocation of signs, such relocation shall be considered incidental to the various items and will not be paid for separately.
- 9- Guard Rail lengths and termini shown on the plans are approximate. Replacement length shall be as ordered by the Engineer.
10. All lanes shall be open to traffic during the morning peak hours from 6:30 A.M. to 8:30 A.M. and during the afternoon peak hours from 3:30 PM to 5:30 PM (Monday-Friday) and during off-peak hours. Only one lane of traffic shall be closed at any other time.
11. The various locations of the project are as follows:
 - a. Kaunualii Highway, Route 50
 - b. Kuhio Highway, Route 56.
12. All guardrail layouts shall be done by the Contractor but shall be approved by the Engineer before construction.
13. All reflector marker layouts shall be done by the Contractor but shall be approved by the Engineer prior to installation.
14. 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.
15. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.13 - Public Convenience and Safety, and Section 645 - Traffic Control.
16. 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.
17. 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.
18. The exact locations and limits of guardrails as shown on the plans are approximate. The exact locations and limits will be determined in the field by the Engineer.
19. Earth swales shall be graded to drain. This work shall be considered incidental to the various Contract Items.
20. The Contractor shall provide access to and from all existing side streets at all times.
21. Removal of guardrail posts and spacer block will not be paid for separately, but shall be considered incidental to Contract Item No. 606.3420 - Post for Guardrail, Type 3.

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
	CHECKED BY _____
No. _____	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES

KAUNIAULI II HIGHWAY & KUHIO HIGHWAY
RECONSTRUCTION & REPLACEMENT
OF GUARDRAILS AT VARIOUS LOCATIONS

F.A. PROJ. NO. ER-11(3)

Mar. 1993

SHEET NO. 1 OF 1 SHEETS