

General Notes:

1. Scope of work: The project consist of stabilizing shoulders, removing concrete guide post, installing guardrails and reflector markers, edge pavement striping, and trimming and dressing of shoulders.

2. All lanes shall be open to traffic during the morning peak hours from 6:00 A.M. to 8:30 A.M. and during the afternoon peak hours from 3:30 P.M. to 6:00 P.M. and during non-work hours. Only one lane of traffic shall be closed at any other time.

3. Minimum shoulder slope shall be 5%. When super slope is equal to or greater than 5%, the shoulder slope shall be the same as the rate of super. This rate applies only to the lower side of the super. On high side, continue super-elevation of super.

4. Existing shoulders beyond paved shoulders shall be trimmed and dressed. Trimming and dressing of shoulders shall include but not limited to clearing, grubbing, backfilling, grading and compacting the shoulder area. This work shall not be paid for separately, but shall be considered incidental to the various contract items.

5. SS-1 Tack coat shall be applied at the longitudinal joint connecting the existing pavement to the new paved shoulder and over areas to be resurfaced. Measurements and payment for this item shall be considered incidental to "Item No. 401.0500."

6. Any damage to the existing pavement caused by the Contractor's operations shall be repaired at Contractor's expense. All repairs shall be to the satisfaction of the Engineer.

7. No material or equipment shall be stockpiled or parked within the Highway Right-of-Way except at locations designated by the Engineer.

8. Contractor shall verify all utilities prior to commencement of any construction activities. Any damages incurred to existing facilities as a result of his operations shall be repaired and/or replaced immediately in accordance to the Standards and Specifications of the State and/or the affected Utility Company. On any unreasonable delay by the Contractor, the State shall repair said damages and bill the Contractor for costs of said repairs.

9. Pavement striping for this Project will be measured and paid for by the gallon.

10. All depressions and holes resulting from the removal of existing concrete posts shall be properly backfilled and compacted. Payment for this work shall be considered incidental to Item No. 202.0410.

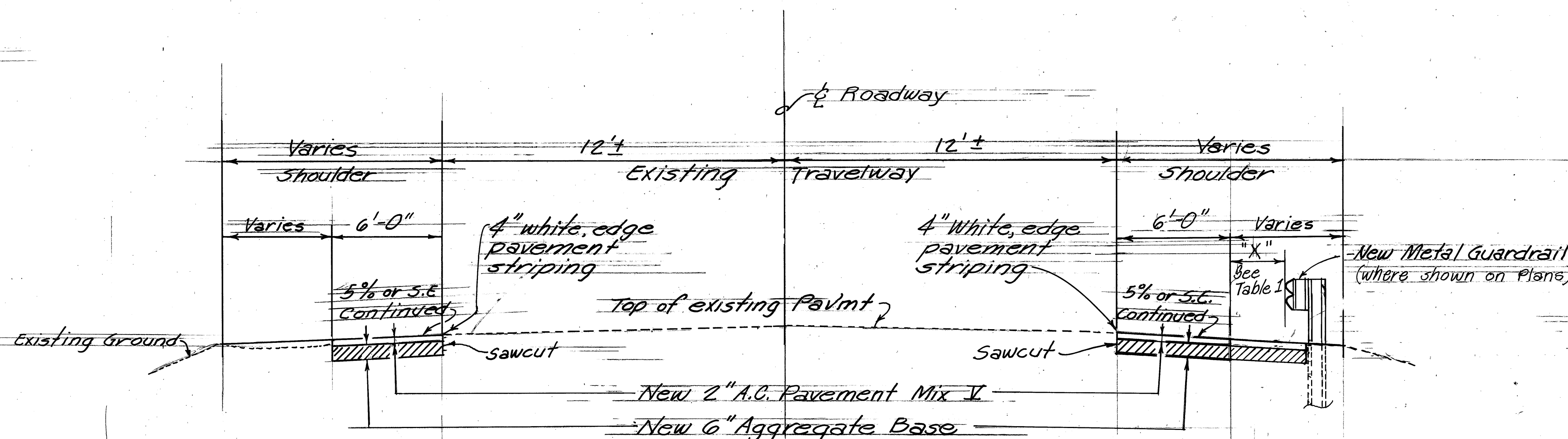
11. Removal of existing guardrail prior to installation of guardrail shall be permitted in increments as approved by the Engineer and no open sections of guardrail shall be permitted after daily work ceases. All existing and new guardrails shall be functional during non-working hours.

12. All terminal sections, except B.C.T. lengths, are included in "Item No. 606.3110."

13. Existing ground line shown in the "Typical Section" varies. Surface shown is entirely arbitrary and is not intended to represent any specific location.

14. All existing concrete guide post removed shall remain the property of the State. The work necessary in removing and salvaging shall include hauling to and stockpiling of existing concrete guide posts at the State Baseyard in Kapaa as directed by the Engineer. This work shall be measured and paid for under Item No. 202.0410.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-050-1(8)	1990	3	6



TYPICAL ROADWAY SECTION

Scale: 3/8" = 1'-0"

Table 1

Sta. Limits		"X"
144+25± to 147+00±	RT.	2'-6"
156+15± to 158+75±	LT.	0'-6"
156+05± to 158+60±	RT.	2'-6"
175+95± to 179+55±	RT.	1'-4"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES TYPICAL SECTION

KAUMAKANI HIGHWAY
GUARDRAIL & SHOULDER IMPROVEMENTS
KAUMAKANI TO MAKAWELI
F.A. PROJECT NO. HES-050-1(8)
Scale: 1" = 50' Aug, 1989

SHEET No. 3 OF 6 SHEETS