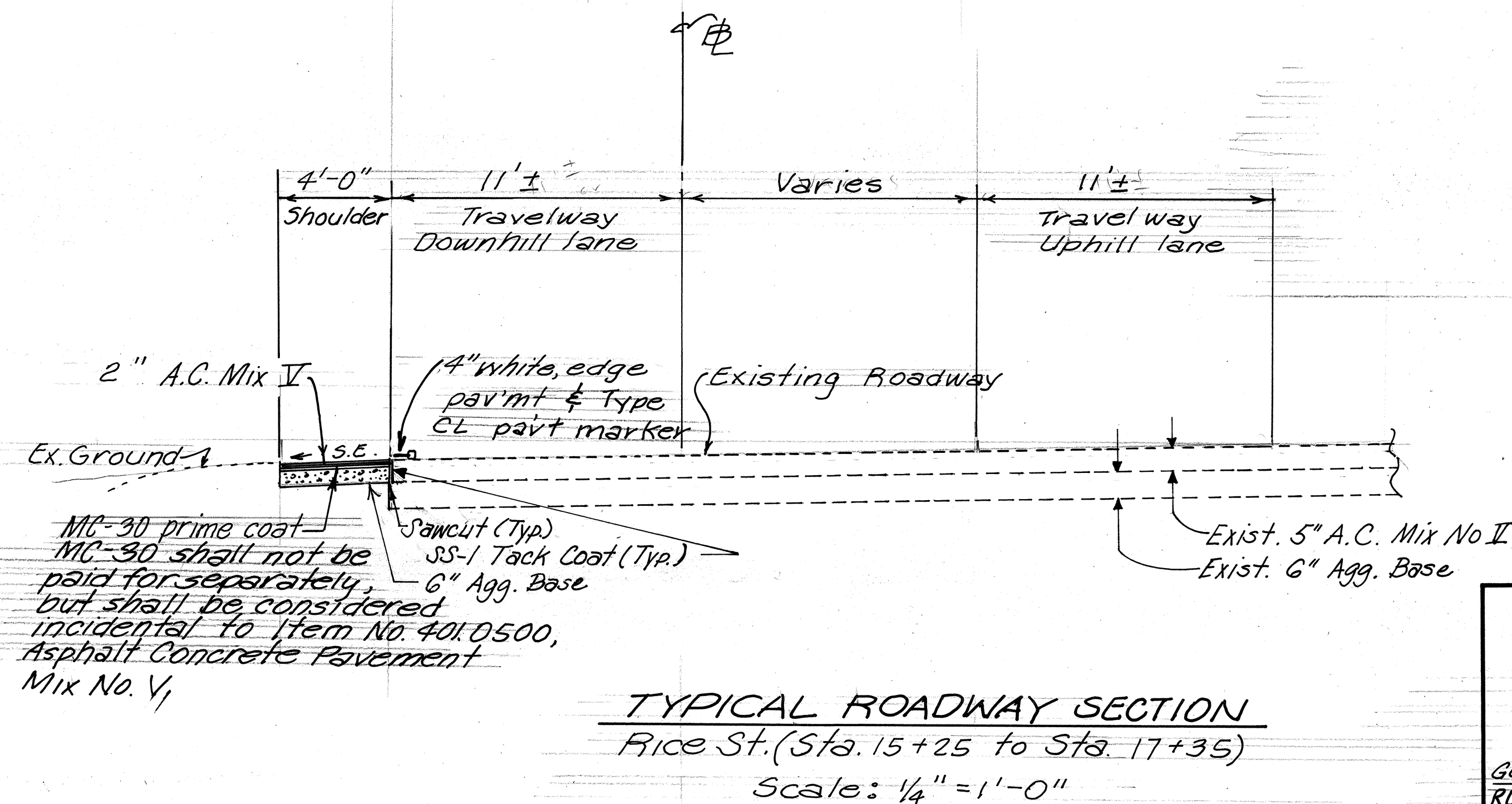
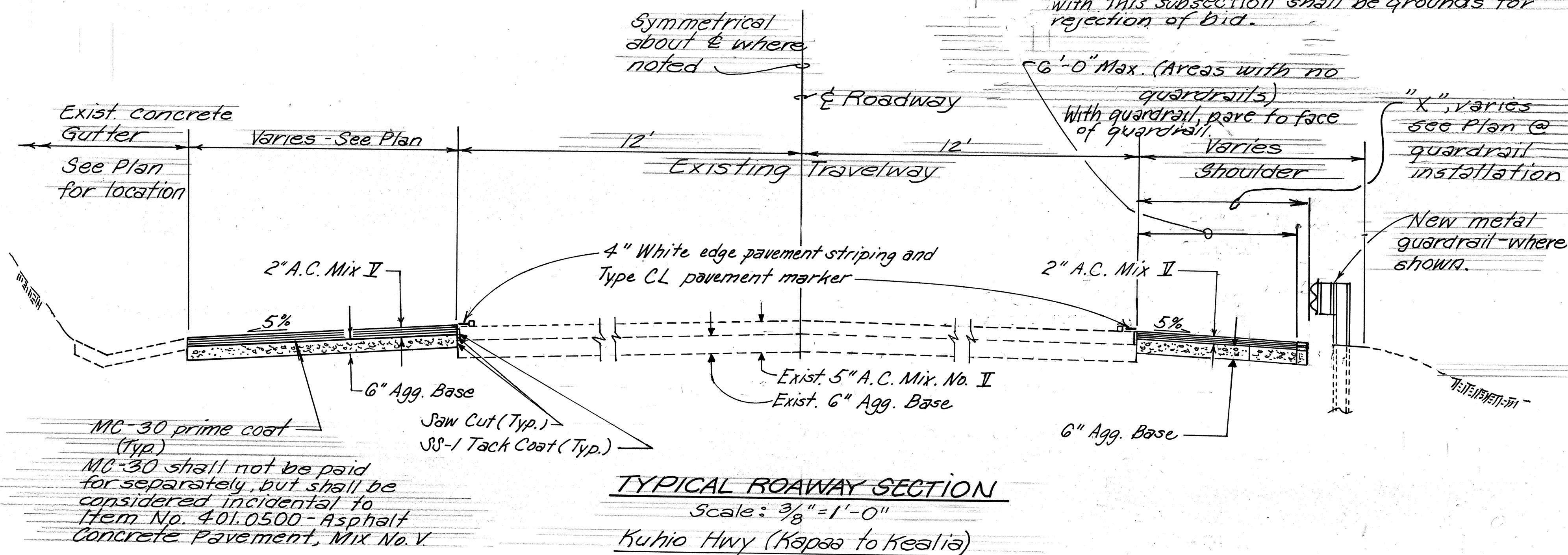


General Notes:

1. Scope of work: The project consist of stabilizing shoulders, removing and installing guardrail 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 6:30 A.M. to 8:30 A.M. and during the afternoon peak hours from 3:30 P.M. to 5:30 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 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 travel way.
4. Existing shoulders beyond paved shoulders shall be trimmed and dressed. Trimming and dressing of shoulders shall include but is 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. Measurement and payment for this item shall be considered incidental to "Item No. 401.0500.
6. Any damage to the existing pavement by the Contractor shall be repaired at his expense and 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. The Contractor shall verify all utilities prior to commencement of any construction activities. Any damages incurred to existing utility facilities as a result of his operations shall be repaired and replaced immediately by the Contractor. All repairs and replacement work shall be in accordance with the Standards and specifications of the State or the affected Utility Co. On any reasonable delay by the Contractor, the State shall repair said damages and bill the Contractor for the repair costs.
9. All depressions and holes resulting from the removal of the existing concrete posts shall be properly backfilled and compacted. Payment for this work shall be considered incidental to "Item No. 202.0420.
10. Removal of existing guardrail prior to installation of new 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 guardrail shall be functional during non-working hours.
11. All terminal sections except B.C.T. lengths are included in "Item No. 606.3111".
12. Existing groundline indicated in the "Typical Section" is entirely arbitrary and is not intended to represent any specific location.
13. All existing guardrails with posts removed, including all hardware shall become the property of the Contractor. Contractor shall be responsible for disposing of the guardrail & posts. No stock piling within the state R/W will be allowed.

14. All saw cutting work shall be incidental to Item No. 203.0100 - Roadway Excavation.

15. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, to perform with his own organization, work amounting to not less than 50% of the total contract cost, less deductible amounts allowed. Non-compliance with this subsection shall be grounds for rejection of bid.



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(28)	1994	3	10

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GENERAL NOTES & TYPICAL SECTION	
GUARDRAIL AND SHOULDER IMPROVEMENTS ROUTE 51-RICE ST., ROUTE 56-KUHIO HWY F.A. PROJ. No. STP-0700(28)	
Scale: As Shown	June, 1993.
SHEET No. 3 OF 10 SHEETS	