

GENERAL NOTES:

- All lanes shall be open to traffic during the morning peak hours from 6:30 a.m. to 8:00 a.m. and during the afternoon peak hours from 3:30 p.m. to 5:00 p.m. and during off work hours. Only one lane of Highway shall be closed at any other time.
- 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 shoulder on the lower side of the super.
- Existing shoulders beyond stabilized shoulders shall be trimmed and dressed. Trimming & 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 directly but shall be considered incidental to the various contract items.
- Any damage to the existing pavement by the contractor shall be repaired at his expense and to the satisfaction of the Engineer.
- No material or equipment shall be stockpiled or parked within the Highway Rights of Way except at locations designated by the Engineer.
- Contractor shall verify all utilities prior to commencement of any construction activities.
- All existing guide posts and guard rails with post removed including hardware shall remain the property of the State. The work necessary in removing and salvaging shall include hauling and stockpiling of existing posts and rails at the State Baseyard in Kapaa. Measurements and payments shall be under the applicable "Item No's. 202.0410 and 202.0420."
- All depressions and holes resulting from the removal of existing concrete and wood posts shall be properly backfilled and compacted. Payment for this work shall be considered incidental to "Item No. 606.3110"
- B.C.T. payment length is not included in quantity for "Metal Guard Rail w/Steel Post" --- L.F.
- No open section of guard rail will be permitted after daily work ceases. All existing and new guard rails to be functional during non-working hours.
- 55-1 tack coat shall be applied at the longitudinal joint connecting the existing pavement to the new stabilized shoulder and over areas to be resurfaced. Measurement and payment for this item shall be considered incidental to "Item No. 301.0200".
- Special Guard Rail Post over box culvert and bridge shall be paid under "Guard Rail, Type 3-single with steel Post."
- The cost of demolishing existing Headwall & portion of existing conc. drop intake and backfilling of gutter in the area of drainage improvements shall be considered incidental to various contract items of work.
- All Reinforcing bars required for conc. drop intakes & headwalls shall not be paid for separately but shall be considered incidental to the various contract items.
- Guard Rail Posts shall be 8'-0" long where shoulders are less than 2'-0" wide from the face of the Guard Rail. 8'-0" Posts required for Guard Rail installation of not more than 1800 L.F. shall be considered incidental to "Item No. 606.3110"
- Structure Excavation for Drainage System will not be paid for separately but shall be considered incidental to structure.

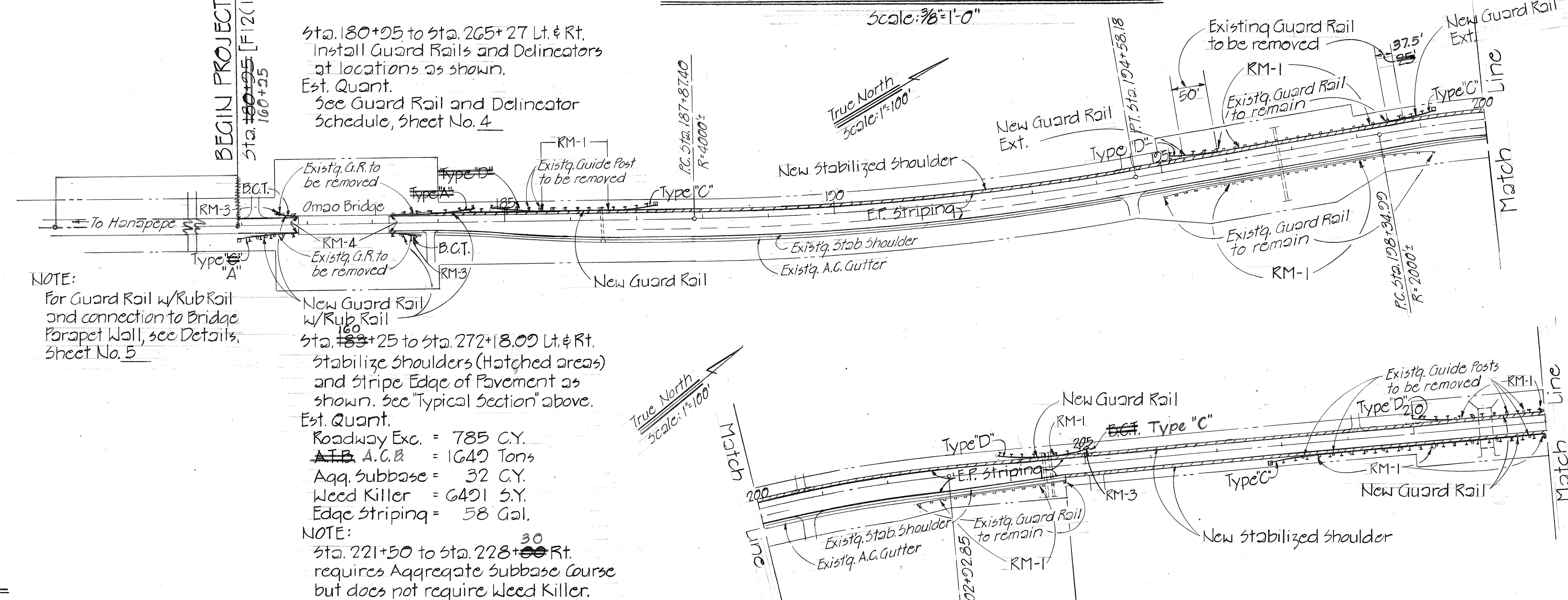
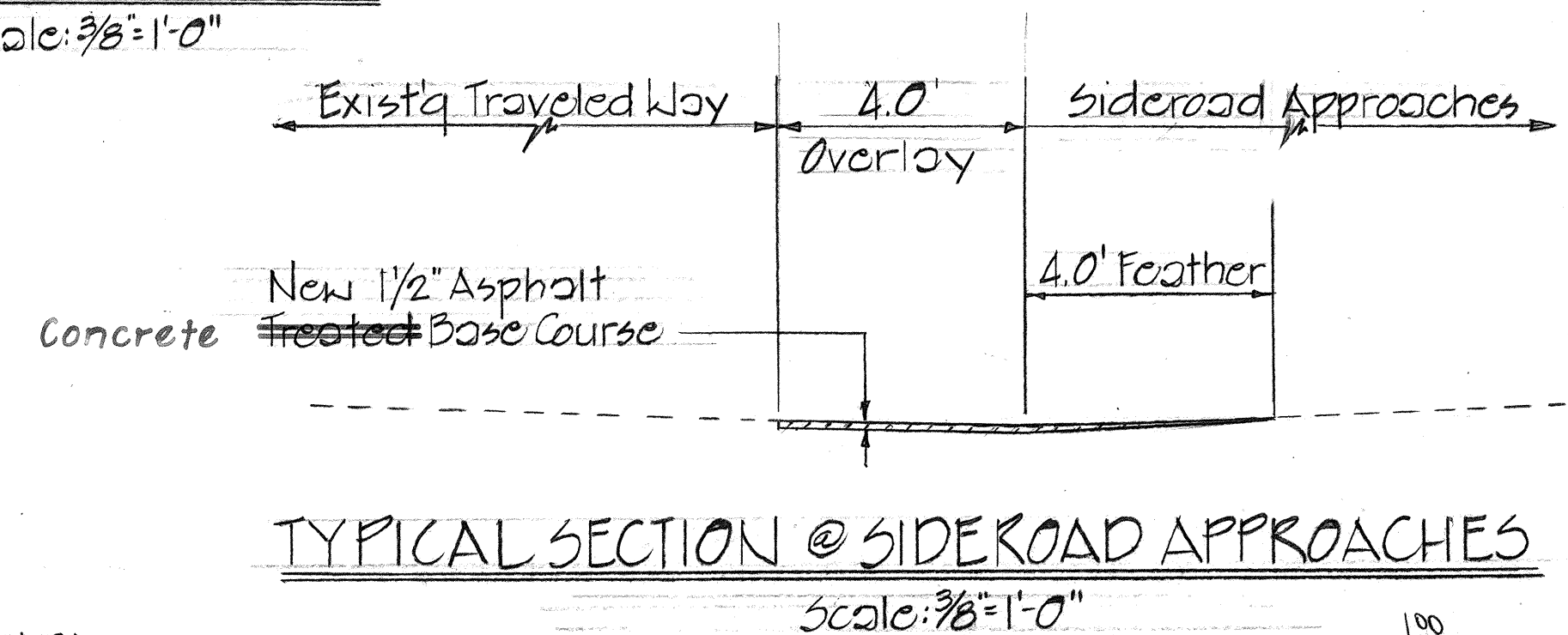
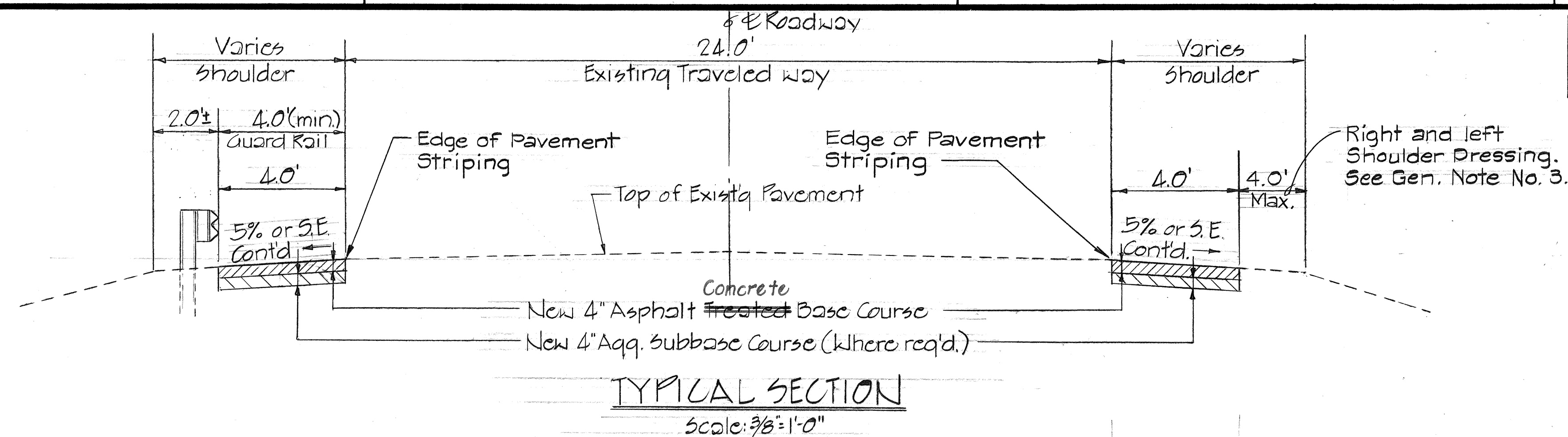
CONSTRUCTION NOTE FOR HANAMAULU SECTION

Sta. 175+25 to Sta. 170+10 Rt [F12(18)]

- Remove Portion of Exstg Guard Rail and Install New Guard Rail and Delineators as indicated by the Engineer.
- Est. Quant.

Remove & Salvage Guard Rail = 75 L.F.
Metal Guard Rail w/Steel Post = 137.5 L.F.
Reflector Marker w/Post (RM-1) = 3 Ea.

Notes: Terminal Section (Type A) length is included in Metal Guard Rail w/Steel Post.



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-03-82	1982	2	14

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
GUARD RAIL AND SHOULDER IMPROVEMENTS
AT OMAO BRIDGE TO HULEIA BRIDGE & HANAMAULU
PROJ. NO. HWY-K-03-82

PLANS, TYPICAL SECTION 5
AND GENERAL NOTES 5

Scale: As shown

SHEET NO. 1 OF 1 SHEETS