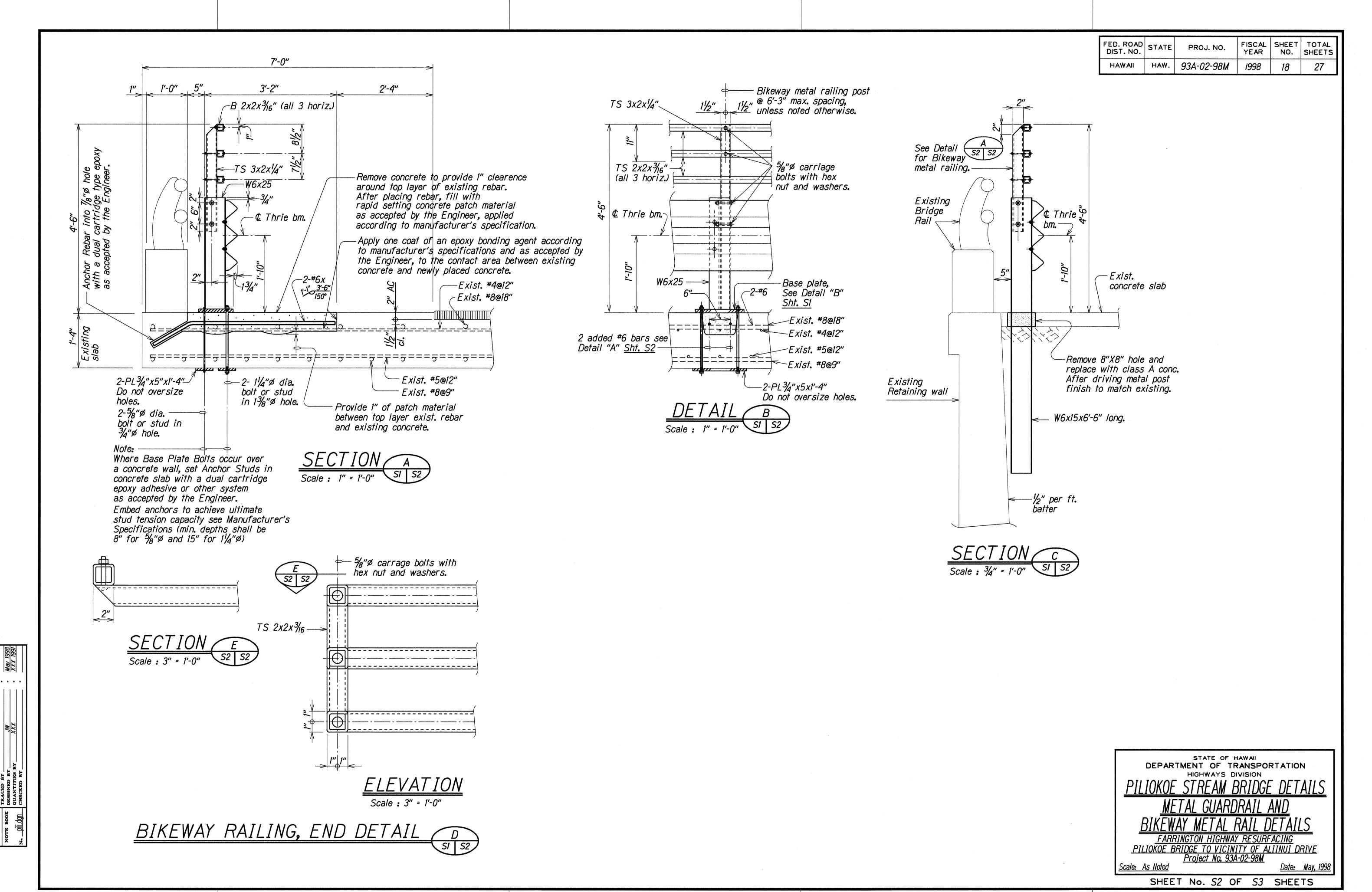


MY XXX



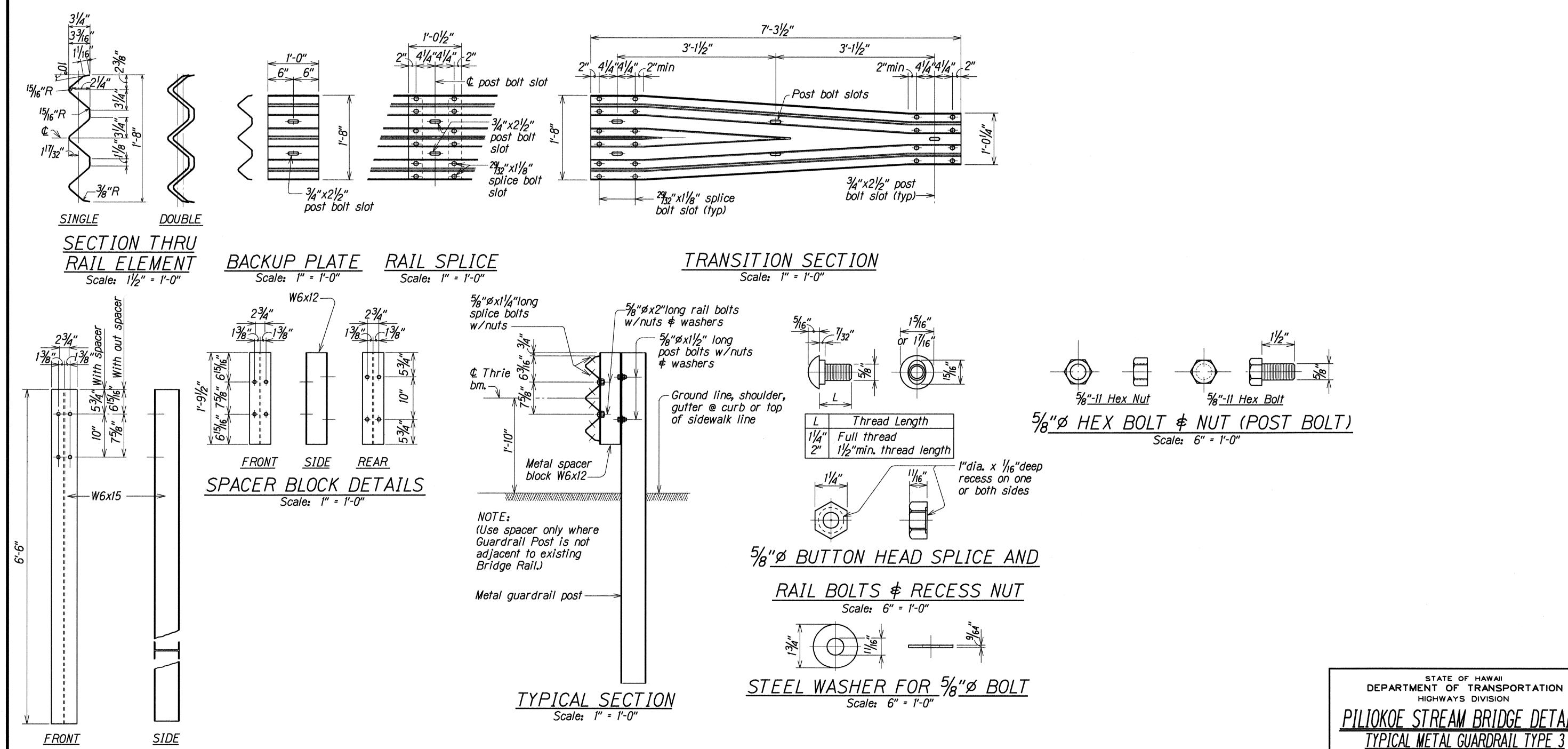
<u>GENERAL NOTES</u>

- 1. Refer to Hawaii Standard Specifications for Road, Bridge and Public Works Construction, (Hawaii 1994 edition and Special Provisions).
- 2. The Contractor shall verify all grades and dimensions. The Engineer shall be informed of all discrepancies before commencing with any work.
- 3. Any damage to the Existing Structure due to the Contractor's operation shall be repaired at his expense, at no cost to the State.
- 4. The work involved in the placing new Thrie Beam Guardrail and Bikeway Metal Railing shall include removal and disposal of existing Guardrail, to complete the work. This work will be paid for at the contract lump sum.
- 5. All reinforcing steel shall conform to the requirements of ASTM A 615 and shall be deformed, Grade 60 unless noted otherwise.
- 6. All Bolts, Anchor Bolts, Studs, Nuts, Washers, Structural Steel Shapes, Rails and Plates shall be hot-dip galvanized after fabrication.
- 7. All Bolts shall conform to ASTM A 325 Specifications. All Studs and Threaded Rods shall conform to ASTM A 449 specifications.
- 8. All Steel Shapes, Rails and Plates shall conform to ASTM A 36 specifications.
- 9. Where Double Nested Beam occur, 12" "Back-Up Plate" not required.
- 10. Do not cut existing rebar in concrete.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR		TOTAL SHEETS
HAWAII	HAW.	93A-02-98M	1998	19	27

NOTES:

1. For details not shown, see "DOT Standard Plan" sht. #TE-57.



POST DETAILS

Scale: 1" = 1'-0"

METAL GUARDRAIL TYPE 3 THRIE BEAM AND APPURTENANCES DETAILS

SHEET No. S3 OF S3 SHEETS

HIGHWAYS DIVISION

THRIE BEAM AND APPURTENANCE DETAILS

<u>FARRINGTON HIGHWAY RESURFACING</u> PILIOKOE BRIDGE TO VICINITY OF ALIINUI DRIVE

Project No. 93A-02-98M

Date: May. 1998