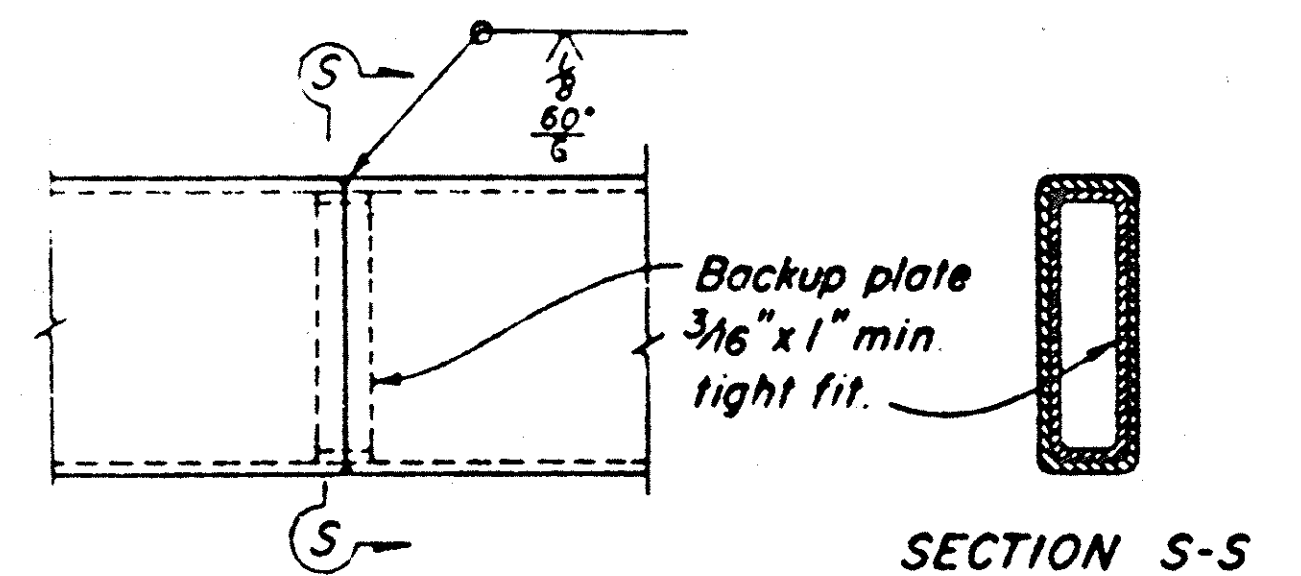
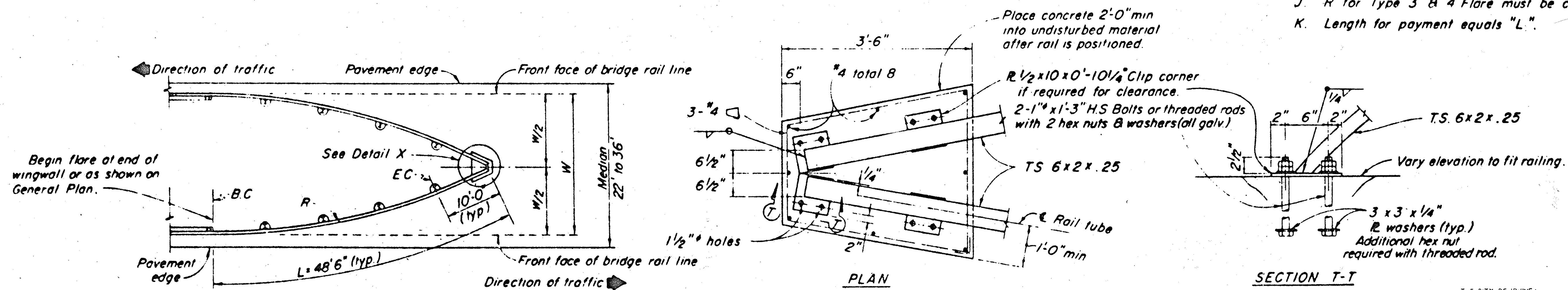




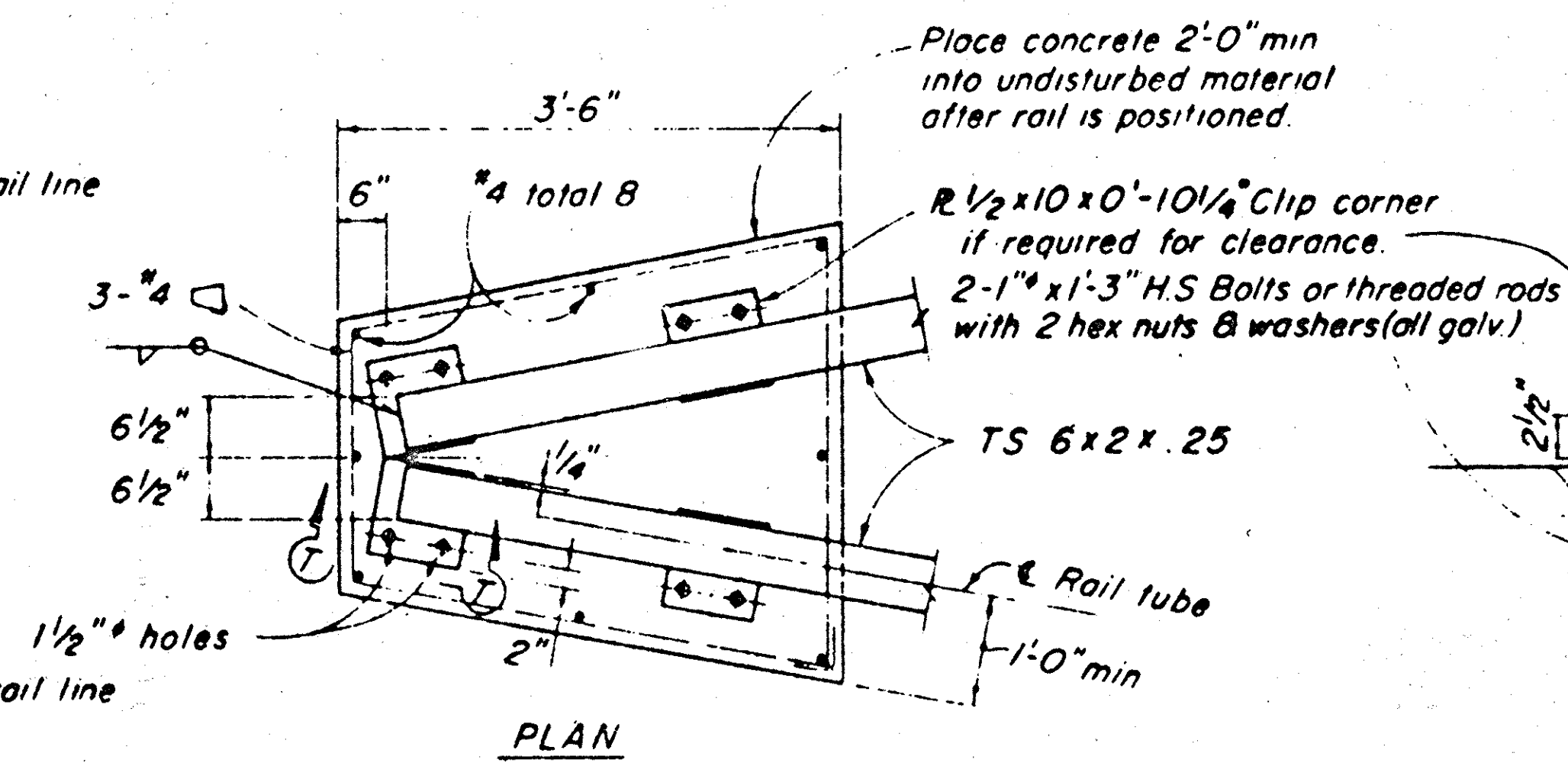
TUBE-WELDED SPLICE
3" x 1'-0"

Notes

- Tubing shall be shop bent or fabricated to fit horizontal curves of less than 950' radius.
- Posts shall be normal to grade and spaced at 10'-0" cc max.
- Top of rail elevations to be determined by the Engineer unless shown on the plans.
- Torque rail to post nuts to 175 ft lbs.
- No more than one bolted tube splice per post is permitted.
- Galvanize rail assembly after fabrication.
- For details not shown see Barrier Railing and Metal Railing Details sheets.
- Front face of bridge rail line is parallel or concentric to pavement edge.
- Dimensions marked * are valid for tangent roadway alignment only. Modify for curved roadway.
- R for Type 3 & 4 Flare must be calculated for each offset.
- Length for payment equals "L".



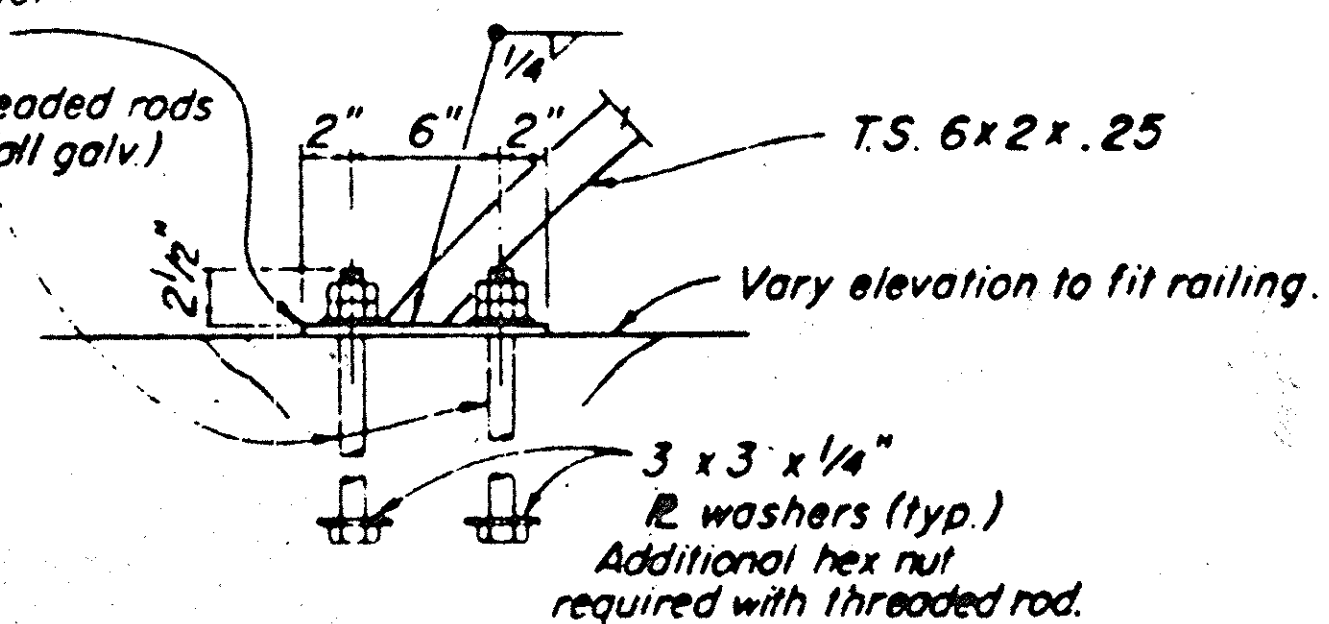
TYPE 3 FLARE
Approach rail in median



PLAN

"AS BUILT"

DETAIL X
No scale



SECTION T-T

PLANS PREPARED BY:
R.G.B. ENGINEERING, INC.
3183 "G" AIRWAY AVENUE
COSTA MESA, CA 92626
PH. (714) 557-5651
John E. Stevenson 3/16/78
JOHN E. STEVENSON R.C.E. 22446 DATE

THE CITY OF IRVINE: CITY ENGINEER C.E. 20614		DATE
WALNUT AVENUE BRIDGE OVER PETERS CANYON WASH		PROJECT NO.
BRIDGE APPROACH GUARD RAILING TYPE B (LAYOUT)		SHEET 17
CITY OF IRVINE COMMUNITY DEVELOPMENT DEPARTMENT		OF 25