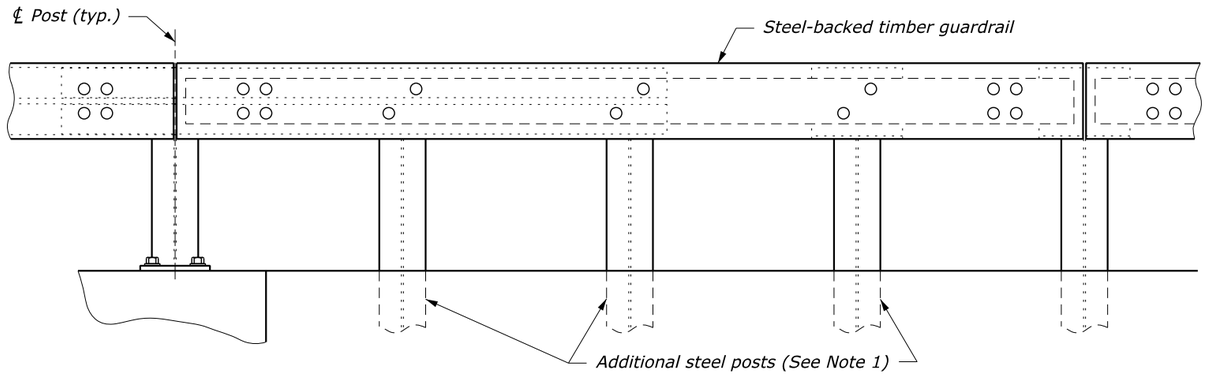
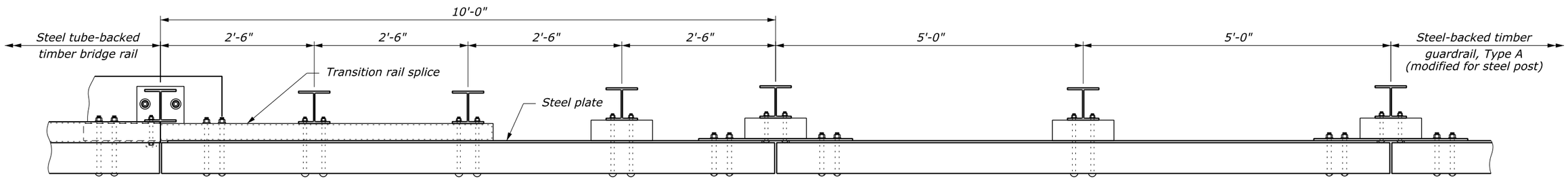
REG	STATE	PROJECT	SHEET NO.



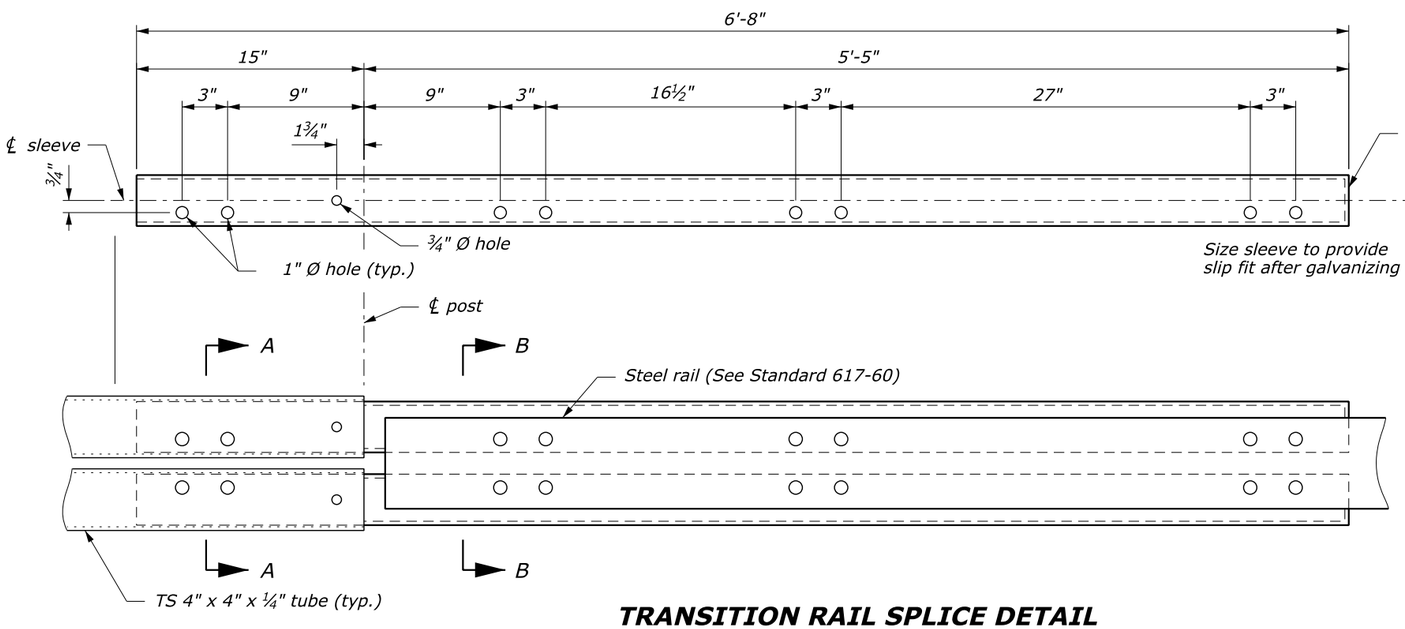
RAIL TRANSITION ELEVATION

NOTE:

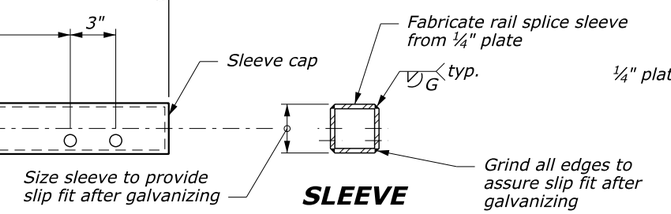
1. At each additional post provide 2⅝" Ø round head square neck bolts with plate washer and hex nut, a ¾" x 2½" slot in steel plate, and ¾" Ø holes in timber rail, steel post, and timber block. See Standard 617-60, Steel-backed timber guardrail, Type A (modified for steel post).



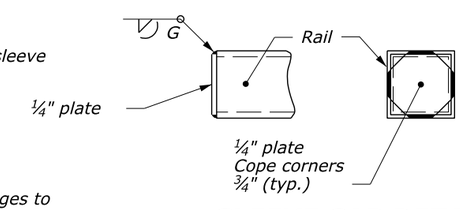
RAIL TRANSITION PLAN



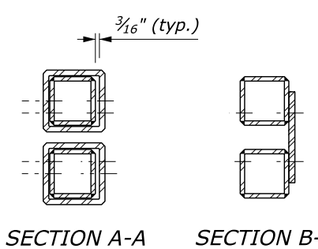
TRANSITION RAIL SPLICE DETAIL



SLEEVE



SLEEVE CAP DETAIL



NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY DETAIL

STEEL-BACKED TIMBER GUARDRAIL CONNECTION TO TUBULAR STEEL-BACKED TIMBER BRIDGE RAIL

DETAIL APPROVED FOR USE

APPROVED: MAY 2011

DETAIL ET 617-68

01-Jun-2011 09:33:20 AM M:\Standard\EFLHD_Detail-Drawings\V8 draft_do not use\ERIC'S CADD WORK\EFL_DET_w\VERDANA\st61768_EFL_TEMP.dgn