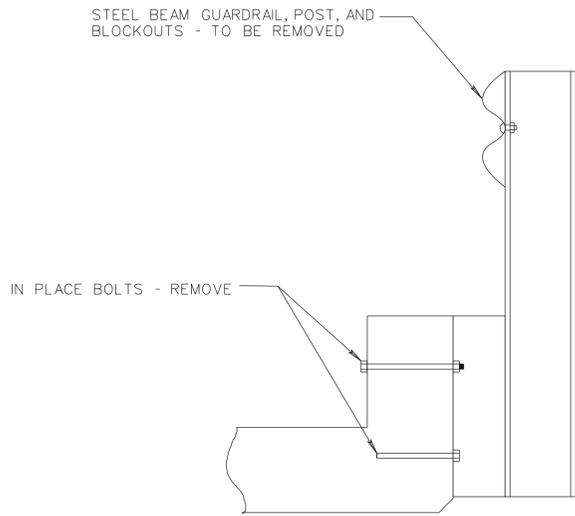
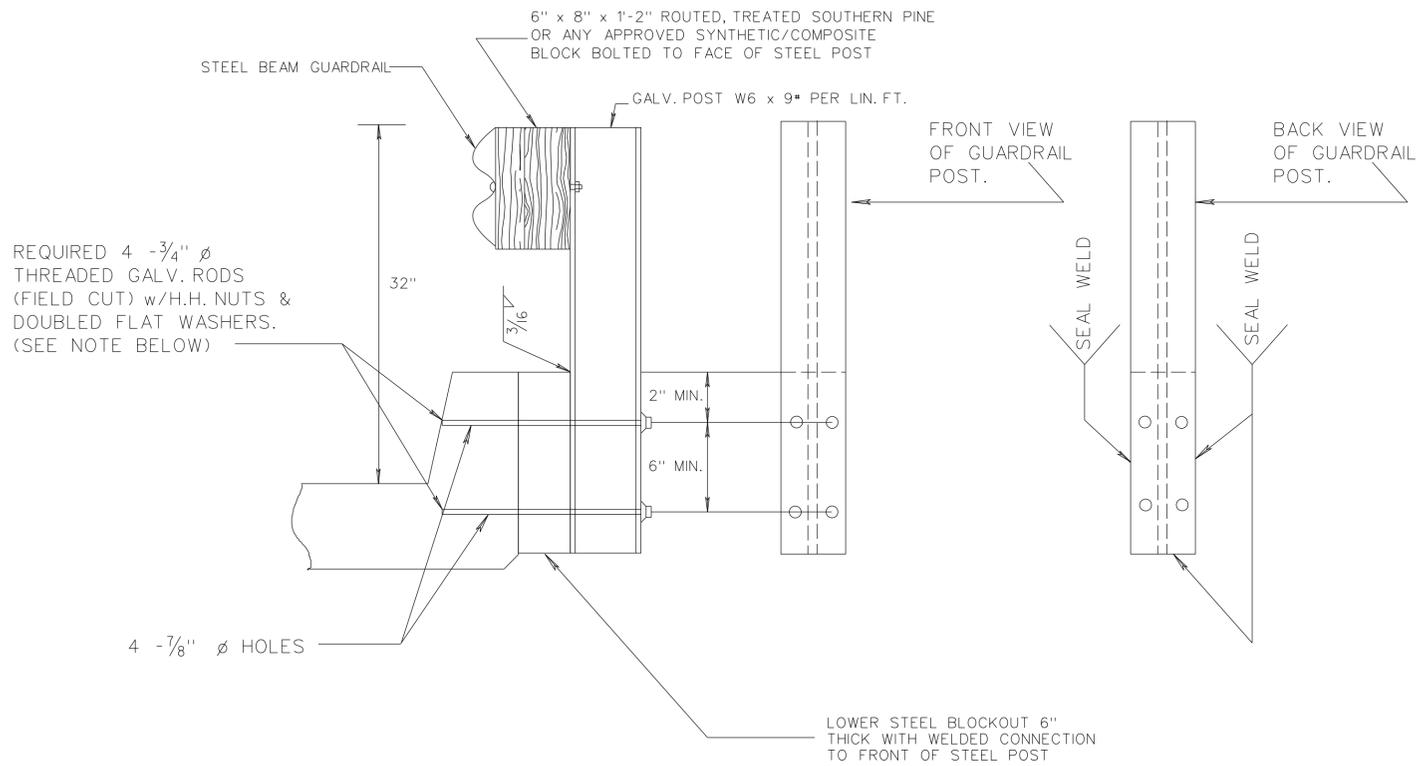


PROJECT REFERENCE NO.	FISCAL YEAR	SHEET NO.

CURB CONNECTION DETAIL WITH LOWER BLOCKOUT



IN PLACE GUARDRAIL - TO BE REMOVED



REQUIRED GUARDRAIL CONNECTION DETAILS

DRILLING, NEW BOLTS, POSTS, AND SEAL WELD ARE REQUIRED FOR THE ATTACHMENT OF THE REQUIRED GUARDRAIL ON THE BRIDGE. THE SPACING FOR THE REQUIRED GUARDRAIL POST SHALL NOT EXCEED 6'-3" ON CENTER. THE CONTRACTOR SHALL BE REQUIRED TO FIELD VERIFY THE WIDTH OF THE BRIDGE CURB PRIOR TO INSTALLATION OF THE BOLTS. THE TOP BOLT SHALL BE RECESSED ON THE CURB SIDE ADJACENT TO TRAFFIC. THE BOTTOM BOLT SHALL HAVE A MINIMUM LENGTH EQUAL TO THE TOP BOLT AND EMBEDDED IN NON-SHRINK EPOXY GROUT. COST FOR THE DRILLING, EPOXY, AND OTHER INCIDENTAL WORK REQUIRED FOR THE CURB INSTALLATION SHALL BE CONSIDERED A SUBSIDIARY OBLIGATION OF 630A-004. THREADED RODS SHALL MEET THE REQUIREMENTS OF ASTM A325 OR A449. HEX NUTS SHALL MEET THE REQUIREMENTS OF ASTM A563 GRADE "B" OR BETTER. BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153.