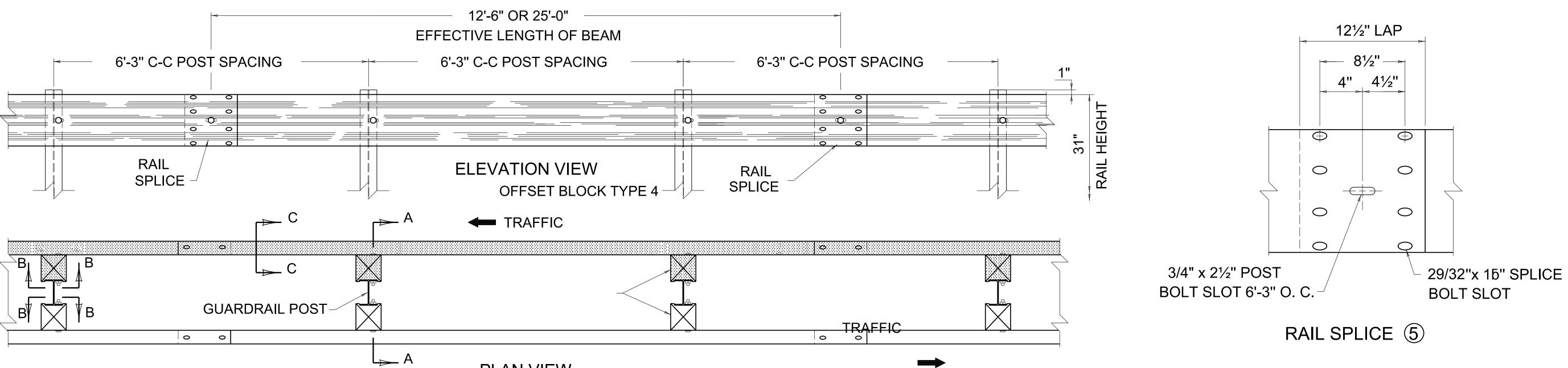


SION DIRECTOR 02-26-20SION DIRECTOR 02-26-20 02-26-20IGHWAY ENGINEER 02-26-20

SUBMITTED DIVISION DIRE



~ NOTES ~

BID ITEM AND UNIT TO BID GUARDRAIL-STEEL W BEAM-S FACE

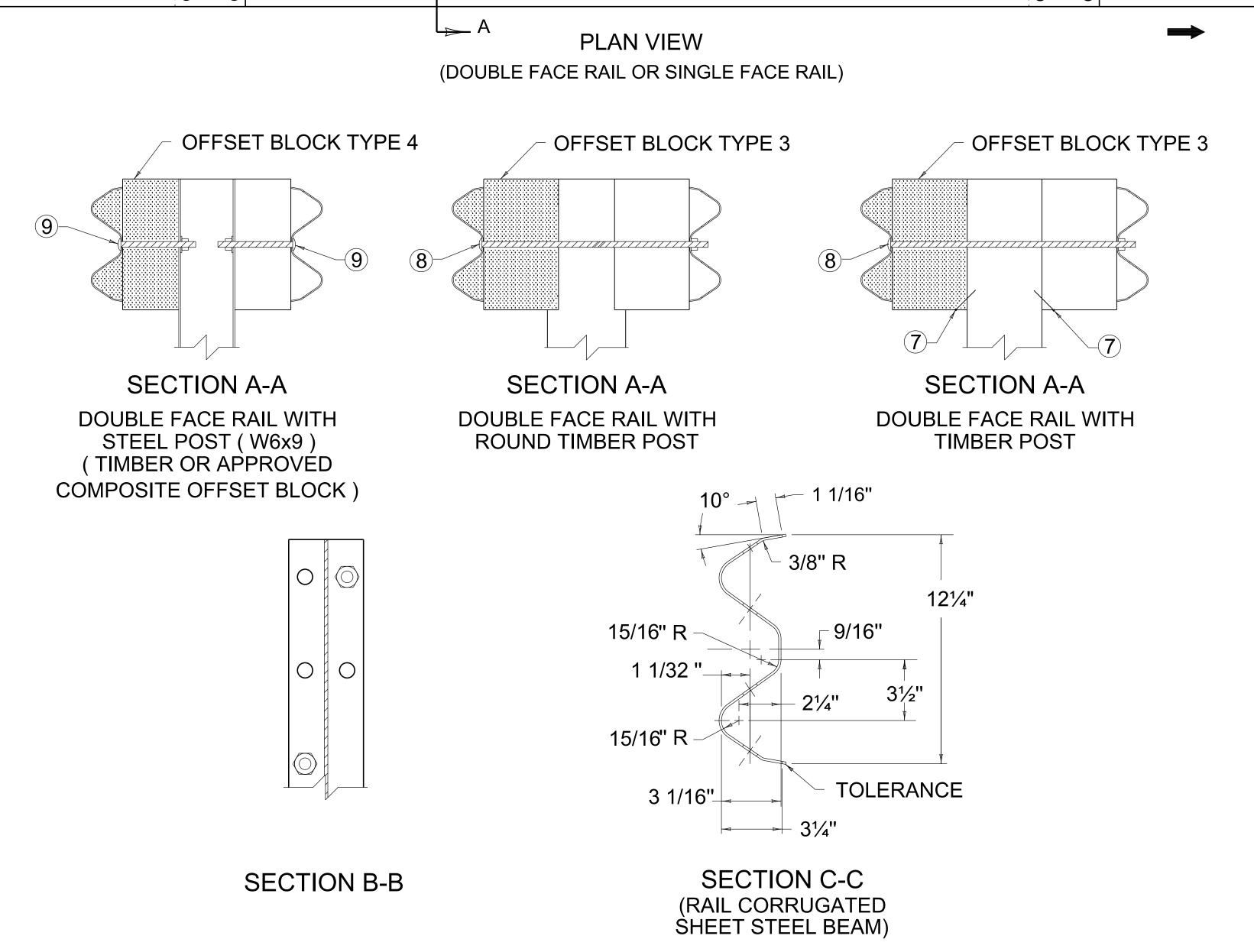
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GUARDRAIL-STEEL W BEAM-D FACE

- 1. DIMENSIONAL TOLERANCES NOT SHOWN OR IMPLIED ARE INTENDED TO BE THOSE CONSISTENT WITH THE PROPER FUNCTIONING OF THE PART, INCLUDING ITS APPEARANCE AND ACCEPTED MANUFACTURING PRACTICES.
- 2. THE RAIL ELEMENT SHALL COMPLY WITH AASHTO M-180 -CLASS A, TYPE II.
- 3. ALL LAPS SHALL BE PLACED IN THE DIRECTION OF TRAFFIC FLOW.
- (4) TOLERANCE + 11/4", -1/4,"
- 8-5/8"x 1," LONG BUTTON HEAD BOLTS AND HEX HEAD RECESS NUTS REQUIRED FOR EACH RAIL SPLICE.
- 6 LENGTH EQUALS POST AND BLOCK WIDTH PLUS 2" FOR BOLT OR 21/4" FOR THREADED ROD.
- 7 GALVANIZED STEEL 10d COMMON COATED NAIL (DRIVE NAIL AT THE TOP OR BOTTOM CENTER OF BLOCK AND POST AFTER BOLT IS INSTALLED).
- 8 5/8"x 6 STEEL THREADED ROD AND TWO (2) HEX HEAD NUTS OR 5/8"x 6 BUTTON OR HEX HEAD BOLT AND HEX HEAD NUT.
- 9 5/8"x8" BUTTON HEAD BOLT, HEX HEAD RECESS NUT AND ONE b" ROUND WASHER (TYP.). BOLT SHALL HAVE A MINIMUM THREAD LENGTH OF 2".

REQUIRED FOR DOUBLE RAIL

10. BOTH 12'-6" AND 25' LENGTHS OF "W" BEAM GUARDRAIL SECTIONS WILL BE PERMITTED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

TRANSPORTATION
CABINET

STEEL BEAM ("W" BEAM)

STANDARD DRAWING NUMBER

GUARDRAIL