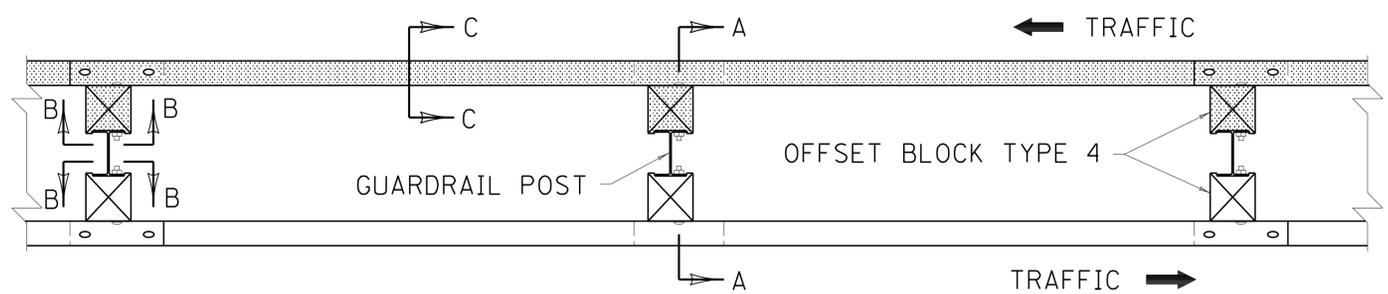
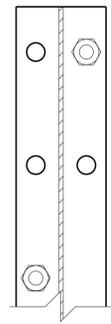


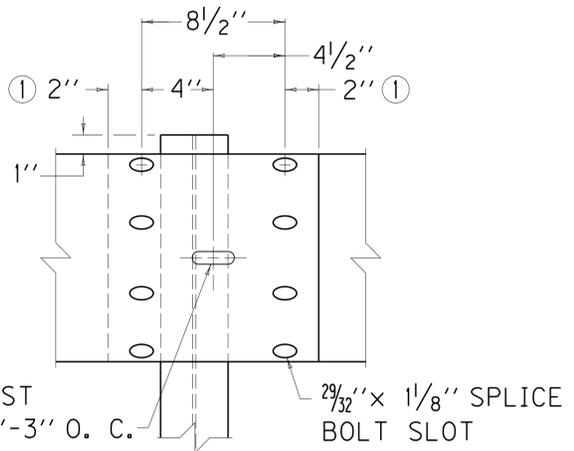
ELEVATION VIEW



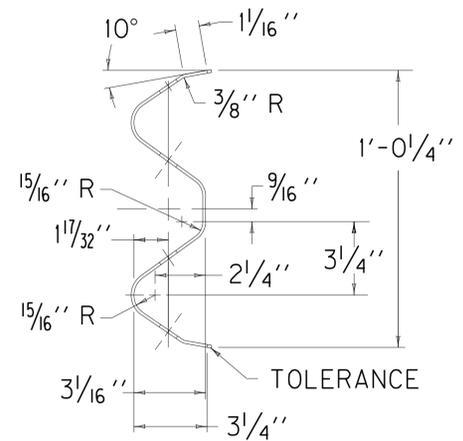
PLAN VIEW
(DOUBLE FACE RAIL OR SINGLE FACE RAIL)



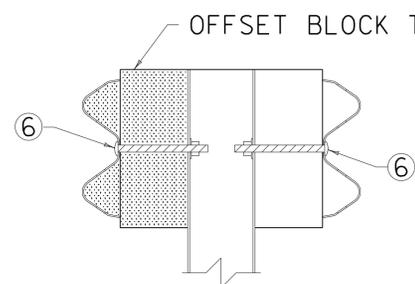
SECTION B-B



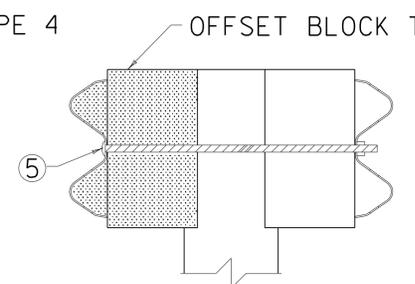
RAIL SPLICE ②



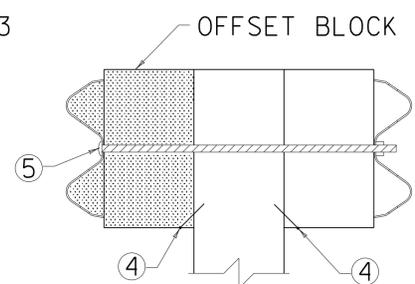
SECTION C-C
(RAIL CORRUGATED SHEET STEEL BEAM)



SECTION A-A
DOUBLE FACE RAIL WITH STEEL POST (W6x9)
(TIMBER OFFSET BLOCK)



SECTION A-A
DOUBLE FACE RAIL WITH ROUND TIMBER POST



SECTION A-A
DOUBLE FACE RAIL WITH TIMBER POST

NOTES

- THE CONTRACT UNIT PRICE BID SHALL BE:
 GUARDRAIL-STEEL W BEAM-SINGLE FACE - LIN. FT.
 OR
 GUARDRAIL-STEEL W BEAM-DOUBLE FACE - LIN. FT.
- 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.
- THE RAIL ELEMENT SHALL COMPLY WITH AASHTO M-180 -CLASS A, TYPE II.
- ALL LAPS SHALL BE PLACED IN THE DIRECTION OF TRAFFIC FLOW.
- ① TOLERANCE + 1/4", -1/4"
 - ② 8 -5/8" x 1/4" LONG BUTTON HEAD BOLTS AND HEX HEAD RECESS NUTS REQUIRED FOR EACH RAIL SPLICE.
 - ③ LENGTH EQUALS POST AND BLOCK WIDTH PLUS: 2" FOR BOLT OR 2 1/4" FOR THREADED ROD.
 - ④ GALVANIZED STEEL 10d COMMON COATED NAIL (DRIVE NAIL AT THE TOP OR BOTTOM CENTER OF BLOCK AND POST AFTER BOLT IS INSTALLED).
 - ⑤ 5/8" x ③ STEEL THREADED ROD AND TWO (2) HEX HEAD NUTS OR 5/8" x ③ BUTTON OR HEX HEAD BOLT AND HEX HEAD NUT.
 - ⑥ 5/8" x 8" BUTTON HEAD BOLT, HEX HEAD RECESS NUT AND ONE 5/8" ROUND WASHER (TYP.). BOLT SHALL HAVE A MINIMUM THREAD LENGTH OF 2".
- ⑥ REQUIRED FOR DOUBLE RAIL
- 7 BOTH 12'-6" AND 25' LENGTHS OF "W" BEAM GUARDRAIL SECTIONS WILL BE PERMITTED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

FILE NAME: G:\PWORK\JEFF.LAIL\0512631\SEPIA 012.DGN
 USER: Jeff.Lail
 DATE PLOTTED: December 11, 2012
 E-SHEET NAME:
 MicroStation v8.11.7.180

KENTUCKY DEPARTMENT OF HIGHWAYS	
STEEL BEAM GUARDRAIL ("W" BEAM)	
SUBMITTED 	12-11-12 DATE
012	