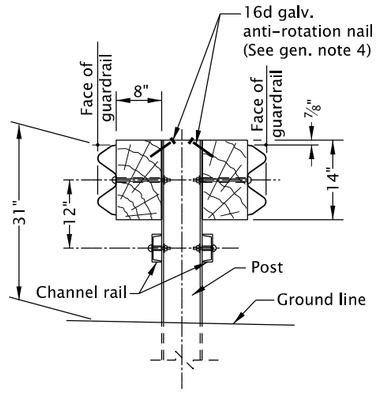
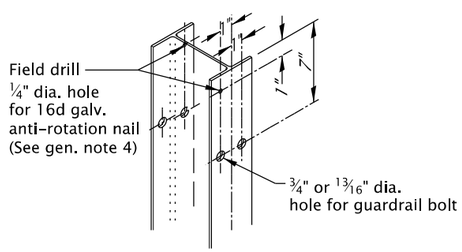
20-JUL-2020

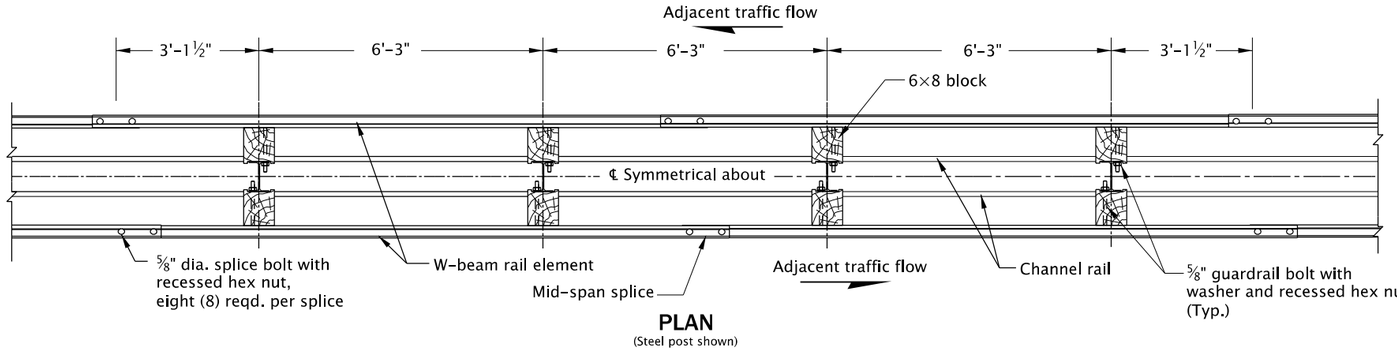
RD408.dgn



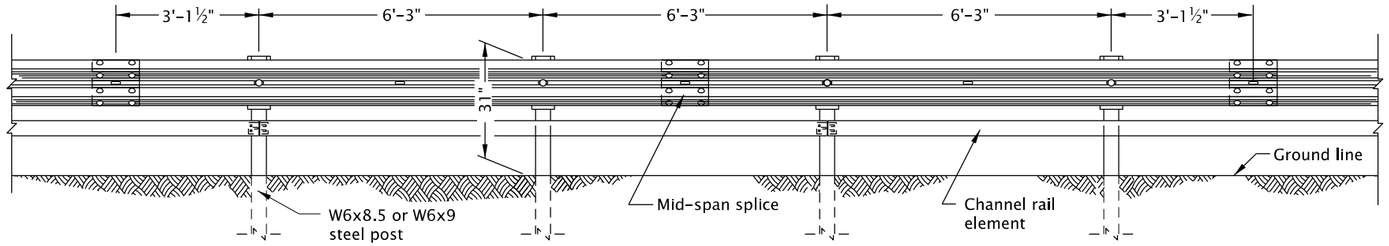
TYPICAL SECTION
(Steel post shown)



STEEL POST
(All dimensions typ. both sides)



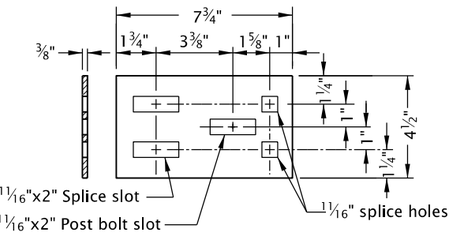
PLAN
(Steel post shown)



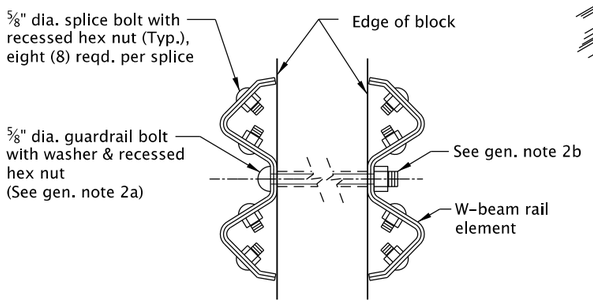
ELEVATION
(Steel post shown)

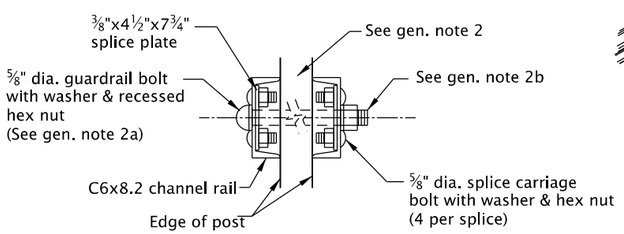
GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. See appropriate guardrail standard drawing(s) for details not shown.
2. Median barrier post spacing shall be 6' - 3" on centers. See end construction for variations.
   a) Use 5/8" dia. button head bolt or 5/8" dia. alternate treated both end bolt with washer and recessed hex nut when barrier separates to double post mounting.
   b) Post bolts to extend beyond the tightened nuts within limits of 1/4" to 1/2".
3. Lap guardrail in direction of adjacent traffic.
4. Blocks shall be toe-nailed to prevent rotation when wood posts are used (see Std. Dwg. RD403). Blocks shall be routed or toe-nailed when steel posts are used to prevent rotation (see Std. Dwg. RD404).
5. Wood blocks shown. Blocks of an approved alternate material may be used. See ODOT's QPL.

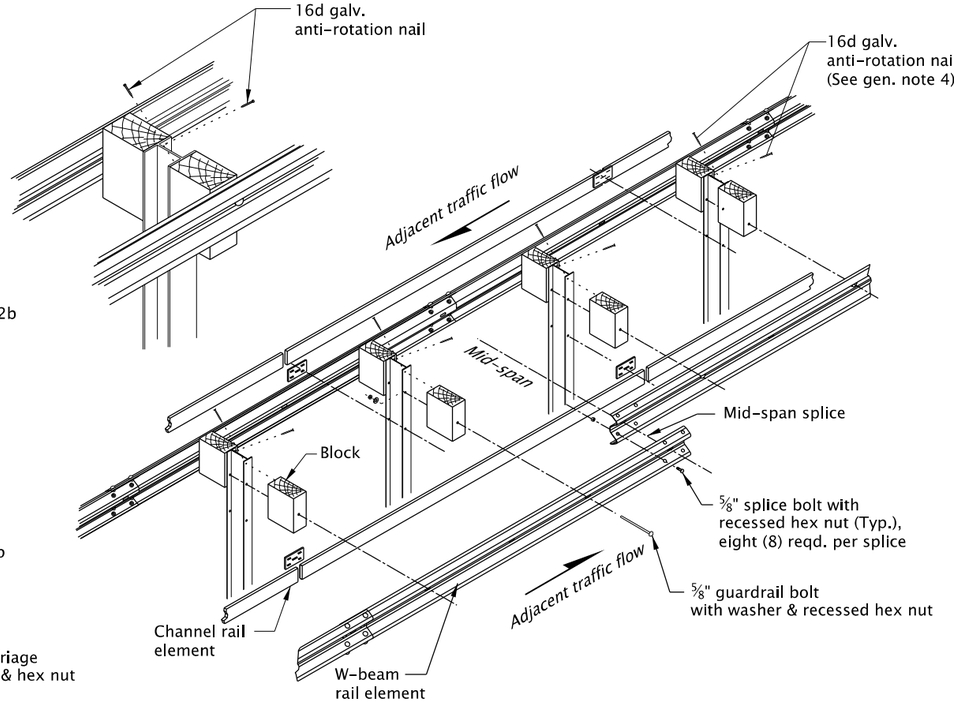


SPLICE PLATE

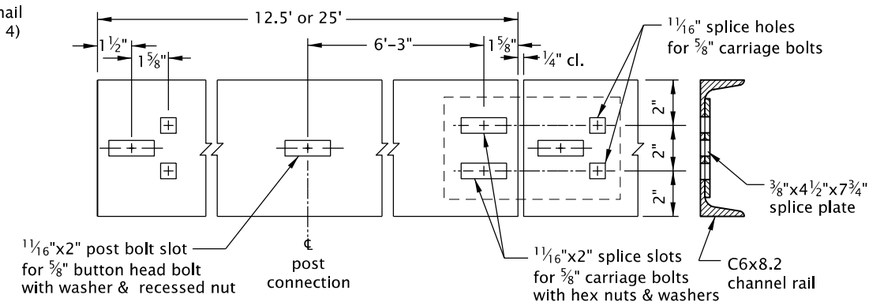




FITTINGS



ASSEMBLY DETAILS



CHANNEL RAIL
Note: Clearance to be 1 9/16" at rail splice for bridge expansion joints.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

MIDWEST GUARDRAIL SYSTEM METAL MEDIAN BARRIER (DOUBLE SIDES)

2024

DATE	REVISION DESCRIPTION

CALC. BOOK NO. N/A | SDR DATE 20-JUL-2020 | **RD408**

Effective Date: June 1, 2026 - November 30, 2026