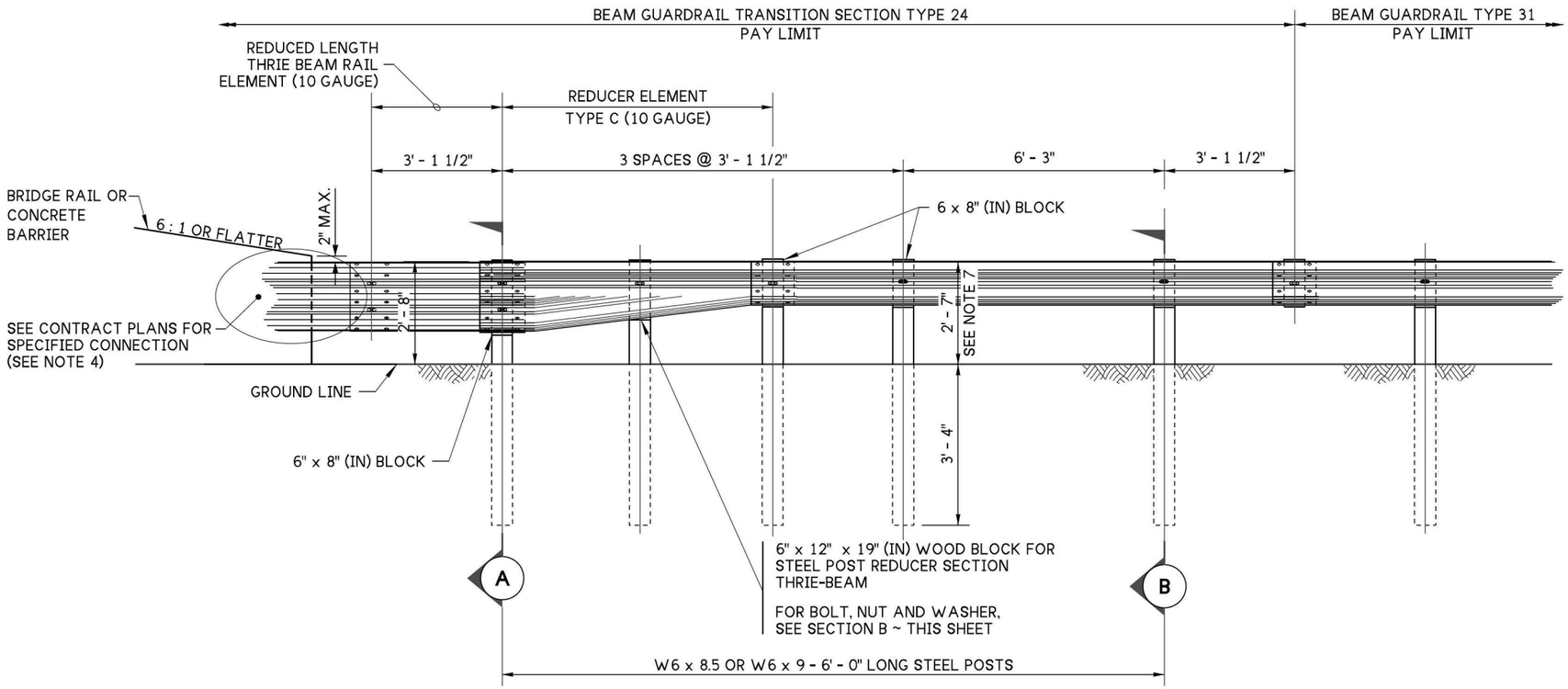
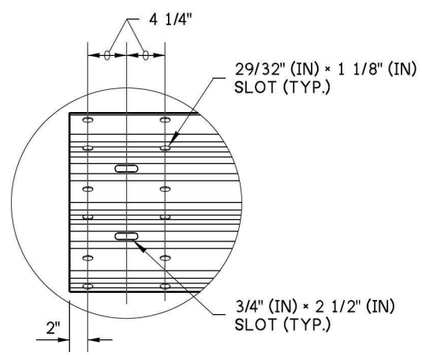
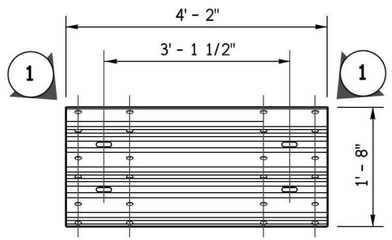


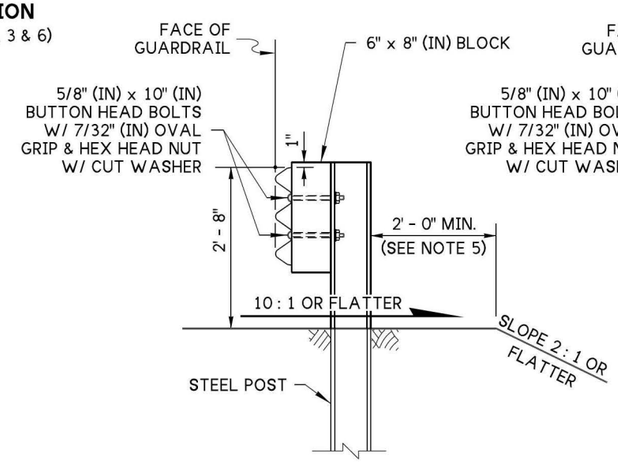
ELEVATION
(SEE NOTE 2, 3 & 6)



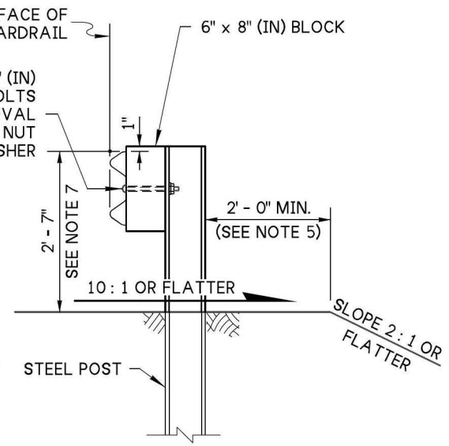
TYPICAL RAIL END DETAIL (1)
THRIE BEAM RAIL ENDS ~
MIRROR IMAGE OF DETAIL



REDUCED LENGTH THRIE-BEAM
RAIL ELEMENT
10 GAUGE



SECTION (A)
(SEE NOTE 2)



SECTION (B)
(SEE NOTE 2)

NOTES

1. This guardrail transition is for connection to a vertical concrete shape, a single slope, or a safety-shape barrier. The toe of the single slope and the safety-shape barrier shall be tapered or the barrier blocked out so that the toe of the barrier does not project beyond the face of the approach guardrail.
2. For details of typical components, see **C-1b** (posts and blocks), **C-1d** (reducer sections), and **C-20.10** (w-beam guardrail).
3. All rail sections shall be lapped in the direction of traffic.
4. See **Standard Plan C-24.10** for details regarding connection to bridge rail or concrete barrier.
5. See **Standard Plans A-50.10**, or **A-50.40** for beam guardrail transition grading details at bridge ends.
6. Install the transition parallel to the adjacent roadway, and in-line/ tangent with the concrete barrier or structure that it is attaching to. Install transition rails that are straight, not curved/on a radius.
7. For initial W-Beam guardrail installation, construct the guardrail within ± 1" (in) of the standard 31" (in) height to the top of rail element.

Sep 2, 2026

BEAM GUARDRAIL (TYPE 31)
TRANSITION SECTION TYPE 24
(POSTED SPEED 45 MPH AND BELOW)
STANDARD PLAN C-25.30-02

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
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STATE DESIGN ENGINEER
Washington State Department of Transportation