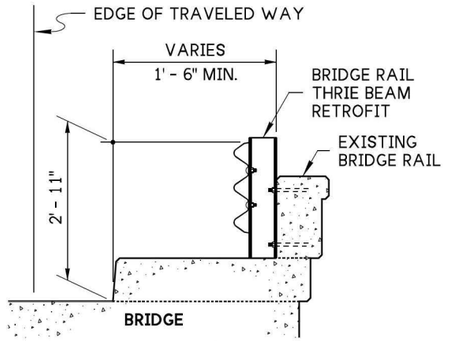
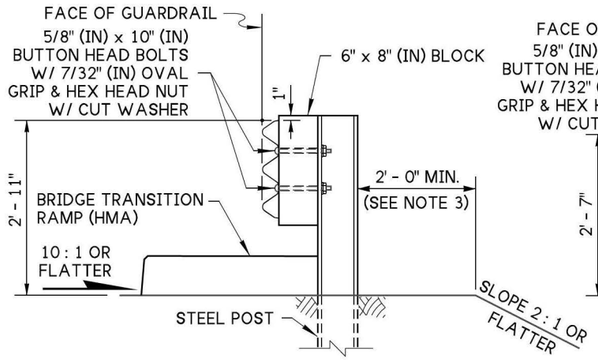
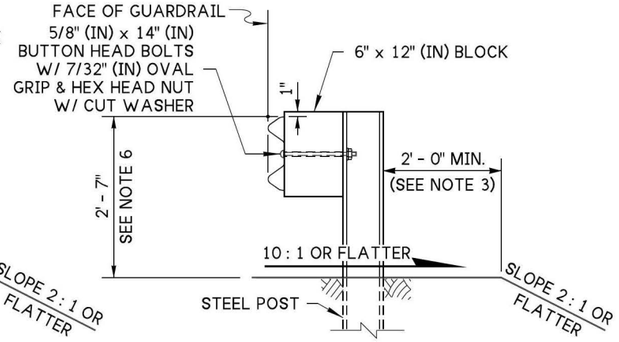
DRAWN BY: FERN LIDDELL



SECTION (A)



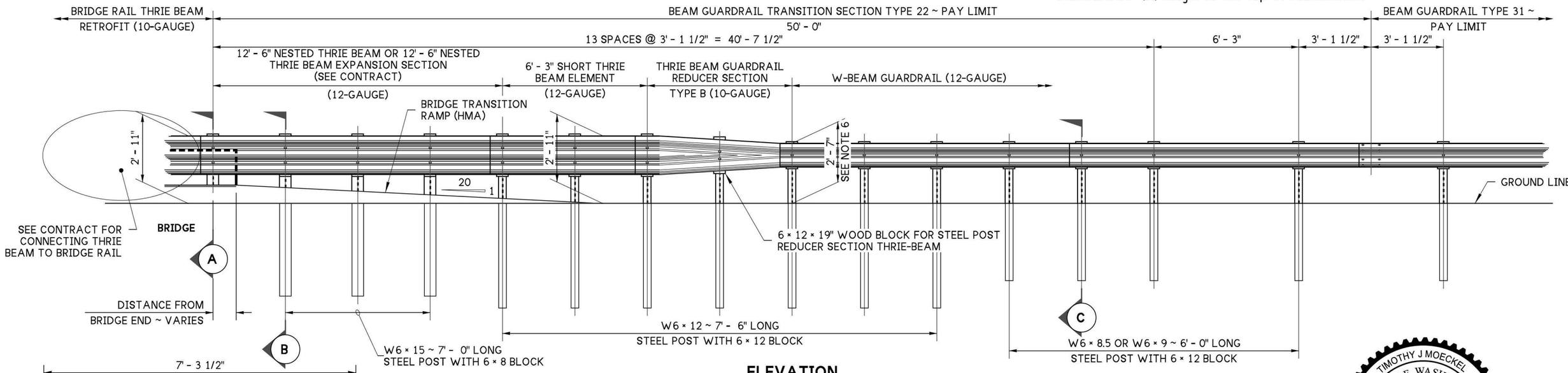
SECTION (B)
(SEE NOTE 1)



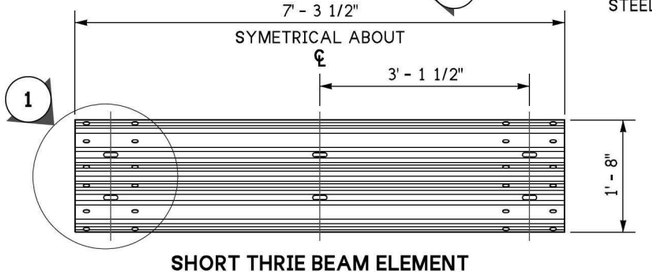
SECTION (C)
(SEE NOTE 1)

NOTES

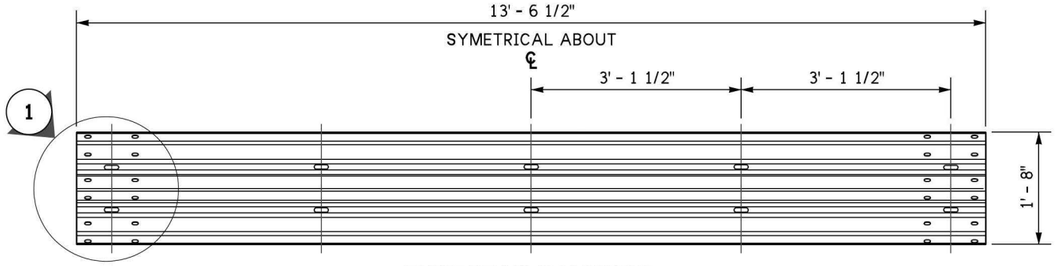
1. For details of typical components, see **Standard Plan C-1b**, (posts and blocks), **C-1d** (reducer sections) and **C-20.10** (w-beam guardrail).
2. When a transition is required on the trailing end of the bridge, use a mirror image of this plan.
3. See **Standard Plans A-50.10**, or **A-50.40** for beam guardrail transition grading details at bridge ends.
4. Spacing may vary depending on application. See **Standard Specification Section 9-16.3(1)** for rail element requirements.
5. 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.
6. For initial W-Beam guardrail installation, construct the guardrail within ±1" (in) of the standard 31" (in) height to the top of rail element.



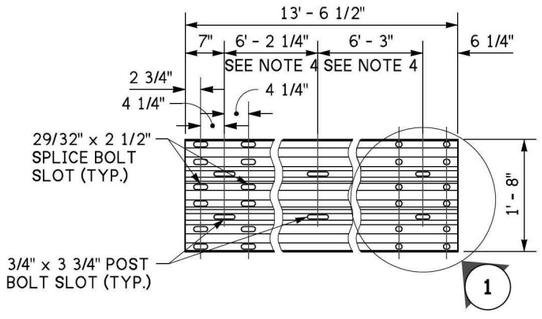
ELEVATION
(APPROACH END SHOWN)
THRIE BEAM INSTALLED AT FACE OF BRIDGE RAIL
(SEE NOTES 1, 2 & 5)



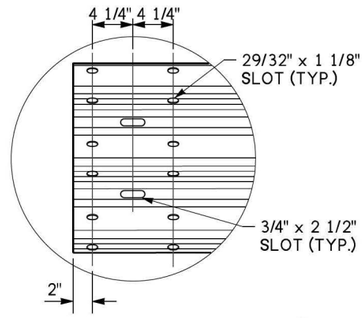
SHORT THRIE BEAM ELEMENT



THRIE BEAM GUARDRAIL



THRIE BEAM EXPANSION SECTION



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

Sep 2, 2026

BEAM GUARDRAIL (TYPE 31) TRANSITION SECTION TYPE 22 STANDARD PLAN C-25.22-07

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
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Washington State Department of Transportation