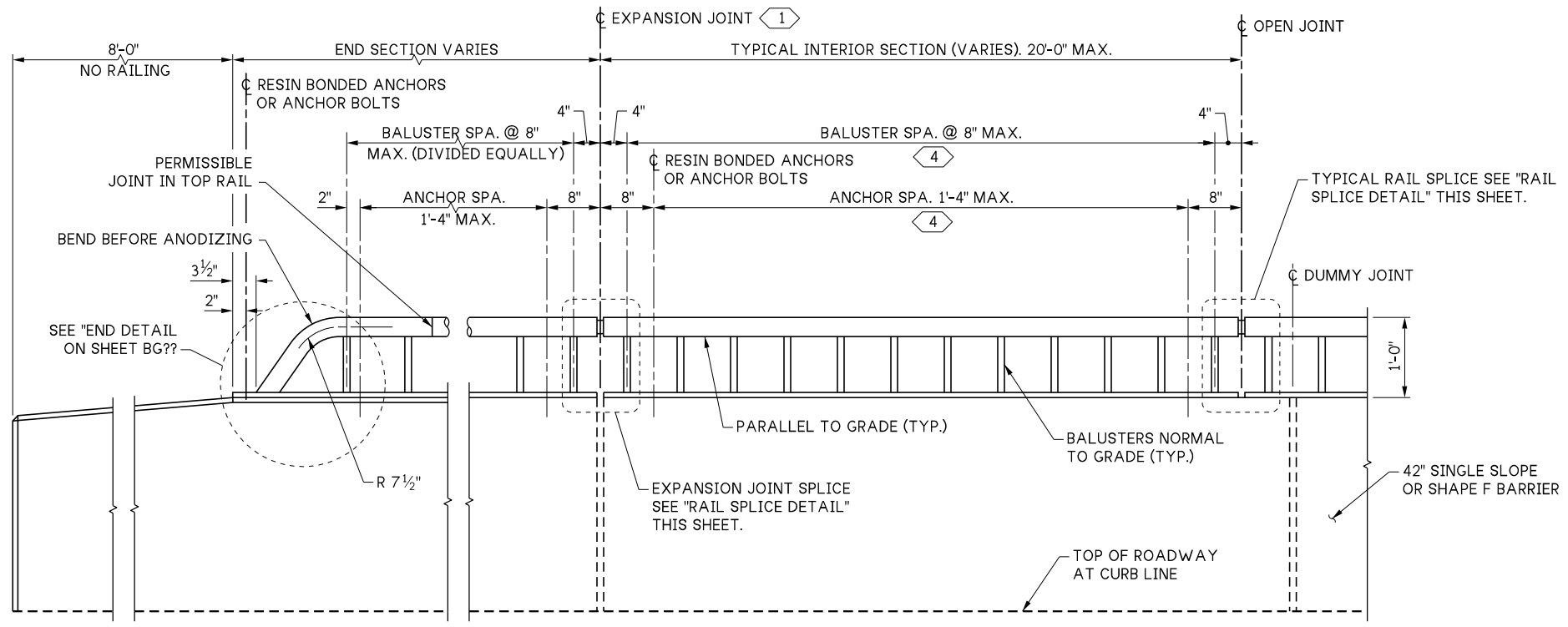


LAST REVISED: 06/09/2025



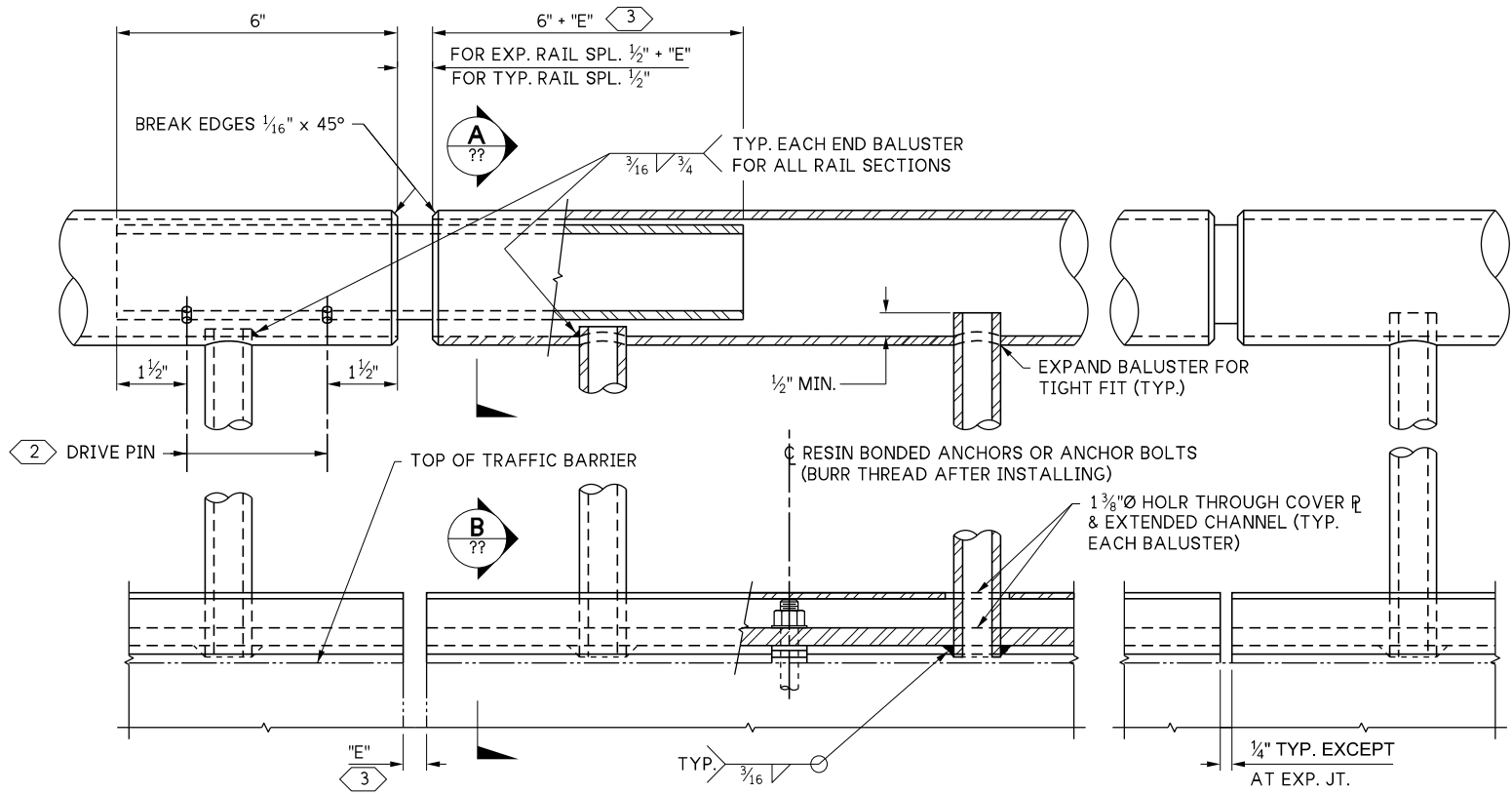
ELEVATION

BALUSTER AND GUARDRAIL SECTION ATTACHMENT DETAILS NOT SHOWN.

*** NOTE TO DESIGNER:**
Designer to choose color for their project in consultation with the Bridge Architect.

RAILING NOTES:

- PIPE RAILING, PIPE RAILING SPLICES, COVER PLATES AND BOTTOM EXTRUDED CHANNELS SHALL BE BENT TO THE HORIZONTAL CURVE WHERE THE RADIUS OF CURVATURE IS LESS THAN 200'. THESE ITEMS MAY BE HEATED TO NOT MORE THAN 400°F FOR A PERIOD NOT TO EXCEED 30 MINUTES TO FACILITATE FORMING OR BENDING TO HORIZONTAL CURVATURE.
- SHOP DRAWINGS OF RAILING SHALL BE SUBMITTED AS A TYPE 2 WORKING DRAWING SHOWING COMPLETE DIMENSIONS AND DETAILS OF FABRICATION AND INCLUDING AN ERECTION DIAGRAM. MATERIAL SPECIFICATIONS SHALL BE PROVIDED IN THE SHOP DRAWINGS FOR ALL COMPONENTS.
- CUTTING SHALL BE DONE BY SAWING OR MILLING AND ALL CUTS SHALL BE TRUE AND SMOOTH. FLAME CUTTING WILL NOT BE PERMITTED.
- WELDING OF ALUMINUM SHALL CONFORM TO STD. SPEC. SECTION 9-28.14(3).
- ALL ALUMINUM PARTS SHALL BE GIVEN A * [CLEAR OR BRONZE] ANODIC COATING OF AT LEAST 0.0006" THICK AND SEALED TO MEET THE REQUIREMENTS OF ASTM B 580 WITH A UNIFORM FINISH.
- PIPE RAILING, PIPE BALUSTERS, AND PIPE RAILING SPLICES SHALL BE ADEQUATELY WRAPPED TO INSURE SURFACE PROTECTION DURING HANDLING AND TRANSPORTATION TO THE JOB SITE.



RAIL SPLICE DETAIL

KEY NOTES:

- PROVIDE EXPANSION RAIL SPLICE AT TRAFFIC BARRIER EXPANSION JOINTS. RAIL SPLICE JOINTS ARE NOT REQUIRED AT TRAFFIC BARRIER DUMMY JOINTS.
- LOCATE ON OPPOSITE SIDE OF TRAFFIC. DRIVE PINS SHALL BE DRIVEN FLUSH WITH THE OUTSIDE FACE OF THE RAILING.
- "E" DIMENSION SHALL BE EQUAL TO OPENING OF TRAFFIC BARRIER EXPANSION JOINTS.
- BALUSTER & ANCHOR SPACINGS SHOWN ARE MAXIMUM ALLOWABLE. VARY AS NECESSARY ADJACENT TO BRIDGE EXPANSION JOINTS.

10.5-A6-1

FILE NAME: 10.5-A6-1_Bridge Railing Type BP-12 Details 1 of 2.dgn BRIDGE DES. ENG. BRIDGE PROJ. ENG. SUPERVISOR DESIGNED BY CHECKED BY ENTERED BY PRELIM. PLAN BY ARCH. / SPEC.				REGION NO. 10 STATE WASH JOB NUMBER CONTRACT NO.	<p>PRELIMINARY PLAN NOT FOR CONSTRUCTION</p>	SEE CERTIFICATION SHEET DATE STAMP BOX	SEE CERTIFICATION SHEET DATE STAMP BOX	STANDARD DESIGN DRAWINGS BRIDGE RAILINGS BRIDGE RAILING TYPE BP-12 DETAILS 1 OF 2	PLAN REF NO SHEET OF SHEETS
PLOT DATE: 07-Oct-2025 PLOT TIME: 3:48:06 PM PLOTTED BY: deboejak REVISION DATE BY				FILE PATH: pw://projectstore.wsdot.wa.gov:WSDOT/Documents/_HQ/Bridge & Structures/Bridge Design/_Design Standards/Standard Drawings and Details/Barriers and Railings/Bridge Railings_Pedestrian and BP/_DGN/10.5-A6-1_Bridge Railing Type BP-12 Details 1 of 2.dgn					