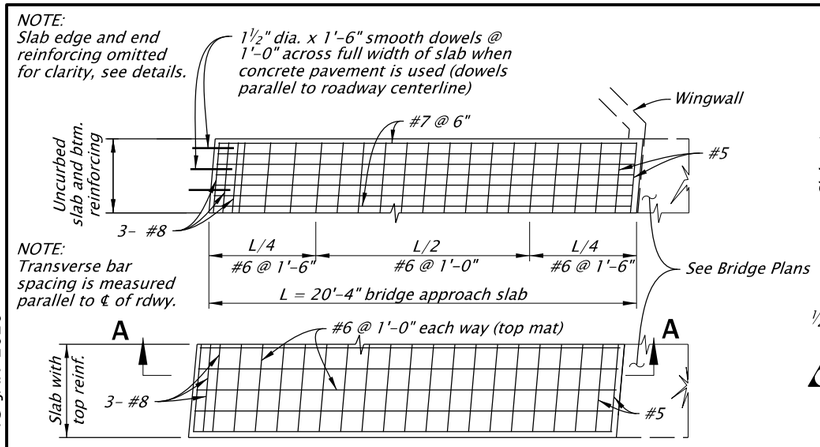
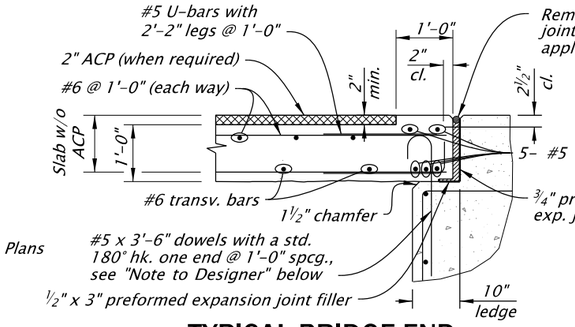
13-JAN-2026

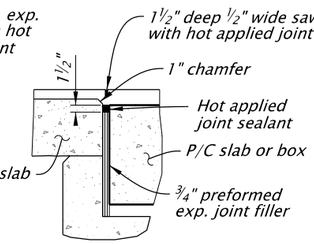
BR165.dgn



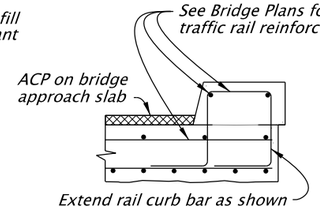
1 PLAN - TYPICAL APPROACH SLAB



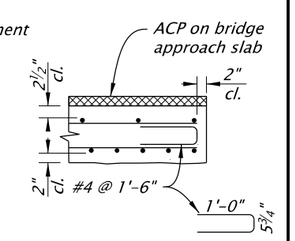
1 TYPICAL BRIDGE END WITHOUT EXPANSION JOINT BLOCKOUT



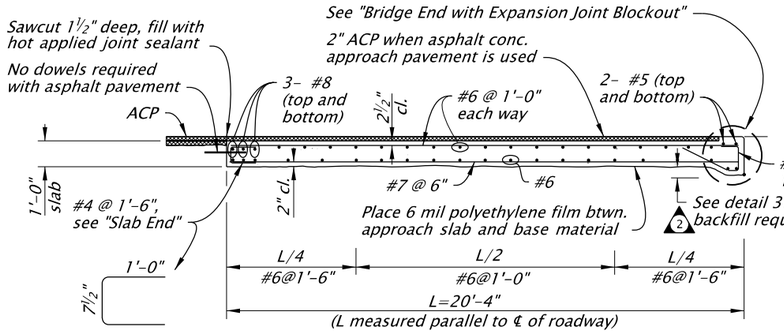
1 DETAIL "A" JOINT DETAIL with SLABS or BOXES



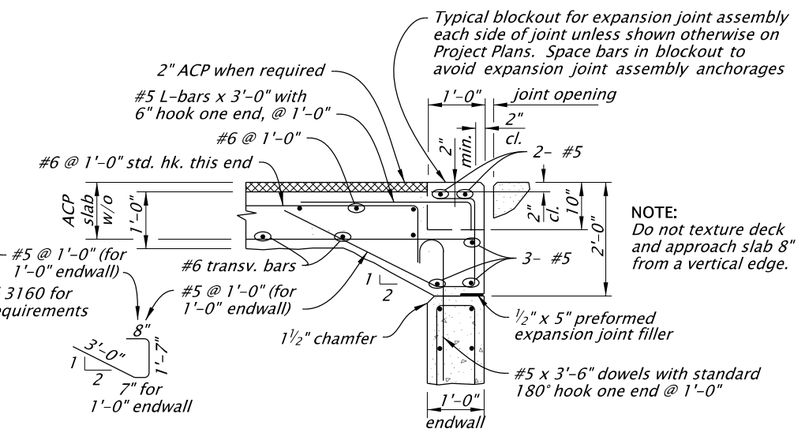
1 CURB EDGE



1 UNCURBED EDGE

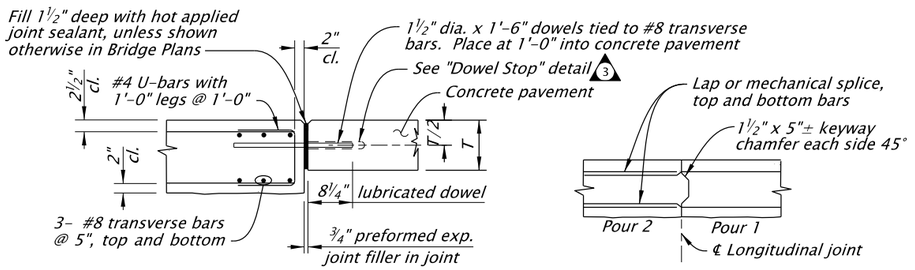


1 SECTION A-A



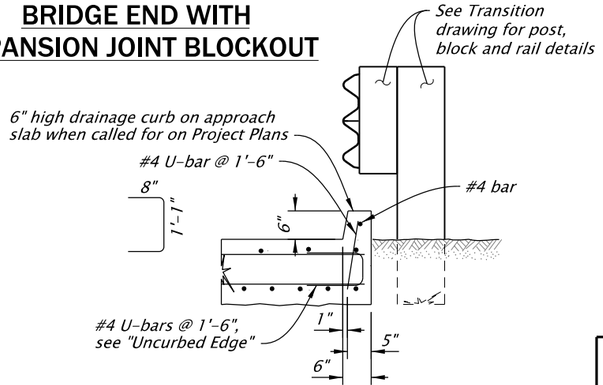
NOTE:
Do not texture deck and approach slab 8" from a vertical edge.

1 BRIDGE END WITH EXPANSION JOINT BLOCKOUT

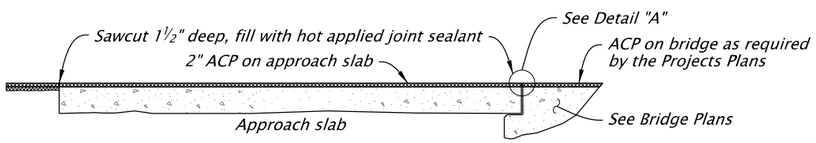


1 SLAB END

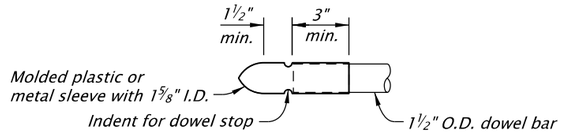
LONGITUDINAL JOINT



1 DRAINAGE CURB EDGE



1 APPROACH SLAB WITH ASPHALT PAVEMENT ON BRIDGE



3 DOWEL STOP

GENERAL NOTES:

1. *See Project Plans for bridge rail, median barrier, and/or guardrail transition details.*
2. *Bridge approach slab designed for HL-93 loading according to AASHTO LRFD Bridge Design Specifications with an allowance of 25 psf for present wearing surface and 25 psf for future wearing surface (Span = 17'-4").*
3. *Provide Class HPC-IC 4500 - 1 or 1½ concrete.* 4
4. *Provide reinforcing steel conforming to AASHTO Specification M31 (ASTM A615) Grade 60 or A706. Place steel 2" clear of nearest face of concrete unless shown otherwise. Use the following splice lengths unless shown otherwise:*

Bar Size		3	4	5	6	7	8	9	10	11
Splice Length	Uncoated	1'-4"	1'-6"	1'-11"	2'-3"	2'-7"	3'-0"	3'-4"	3'-9"	4'-2"
	Epoxy Coated	1'-8"	2'-3"	2'-10"	3'-4"	3'-11"	4'-5"	5'-0"	5'-8"	6'-3"

5. *Provide ¾" chamfer at all top transverse concrete edges (each end of approach slab and each end of bridge).*
6. *Longitudinal construction joints are allowed only when permitted by the Engineer or when shown on the Project Plans.*
7. *When a longitudinal construction joint is permitted, locate joint on a lane line.*
8. *Provide dowels conforming to AASHTO Specification M31 (ASTM A615) .*
9. *Use the details on this sheet unless shown otherwise on the Project Plans.*
10. *Flare approach slab as required. Maintain bottom longitudinal bars spacing requirements at midspan.*
11. *Support top and bottom mat reinforcing steel at 3'-0" max. centers each way. Use #4 C-bars with 8" legs, or approved bar support chairs for top mat.*
12. *For additional reinforcing bars needed in the approach slab, see bridge rail and transition drawings in project plans.*

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

BRIDGE APPROACH SLAB

2024

	DATE	REVISION DESCRIPTION
4	07-2020	Changed end panel to approach slab, Removed 30'-4" length; CAD updates.
3	01-2024	General text revisions.
2	07-2025	Add detail callout and Dowel Stop detail; minor text edits.
1	01-2026	Change concrete class.

CALC. BOOK NO. N/A | SDR DATE 13-JAN-2026 | **BR165**

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