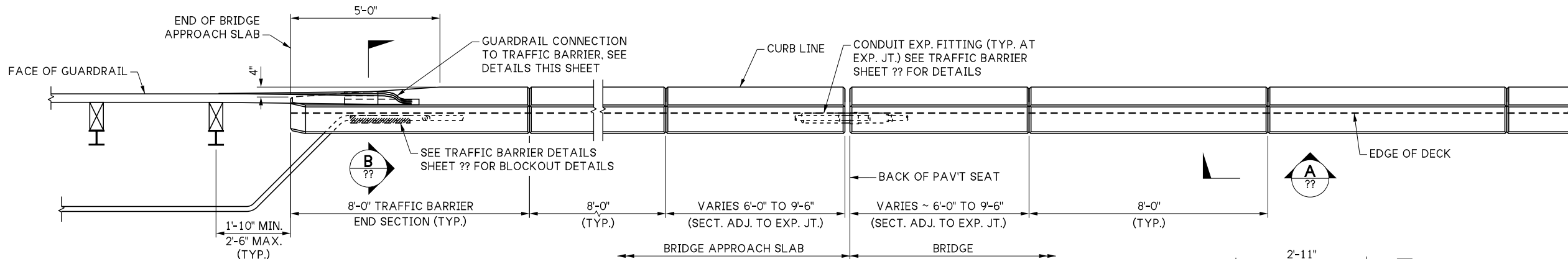
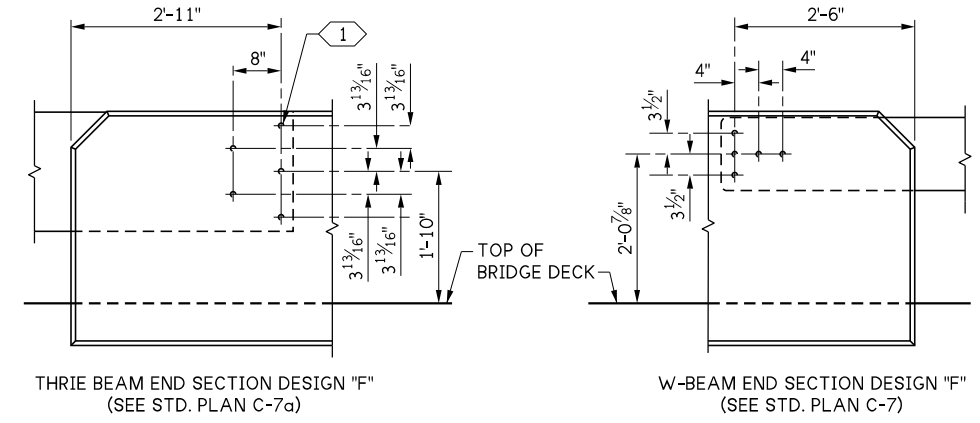


LAST REVISED: 07/16/2025



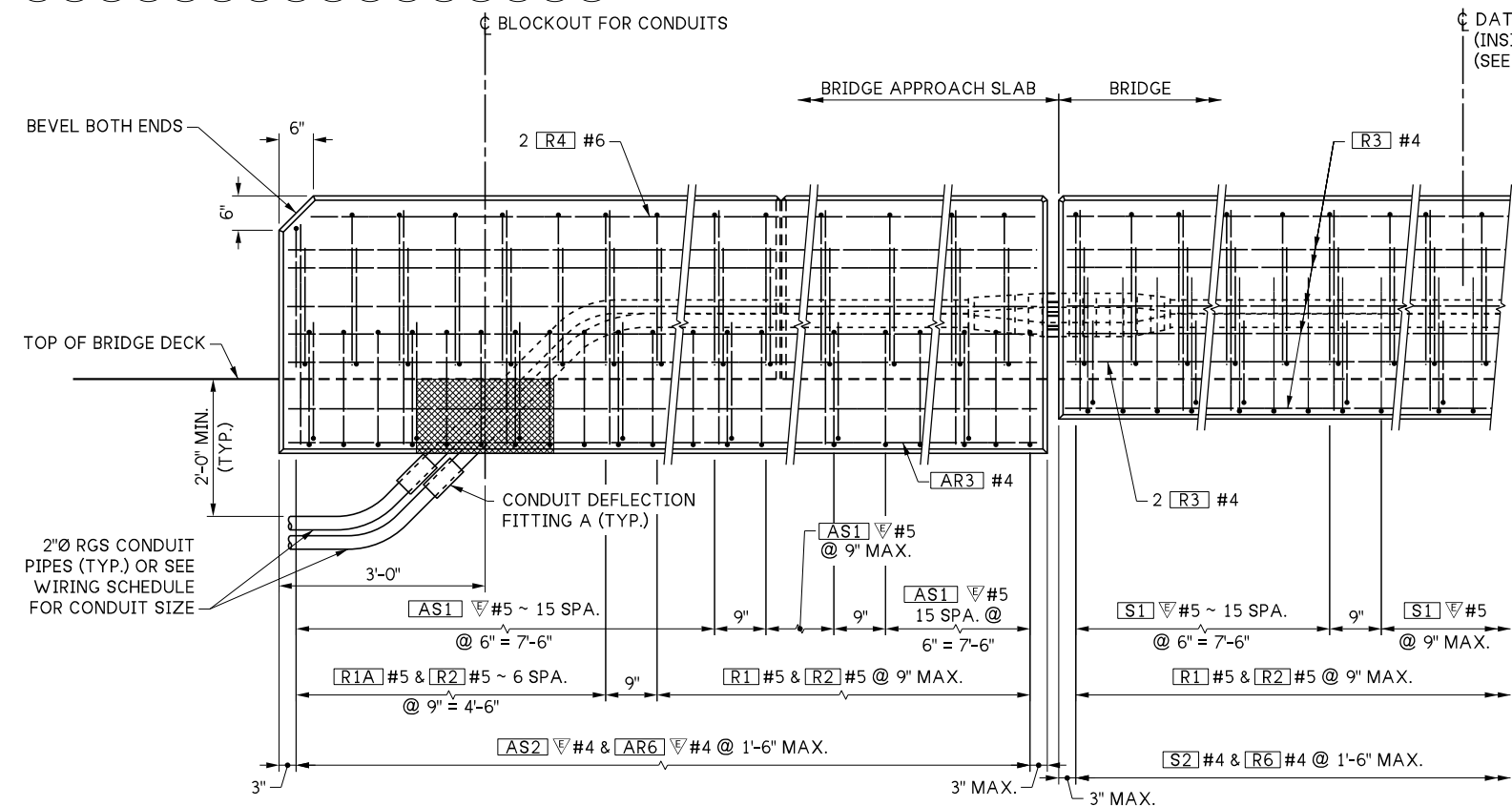
PLAN TRAFFIC BARRIER
5



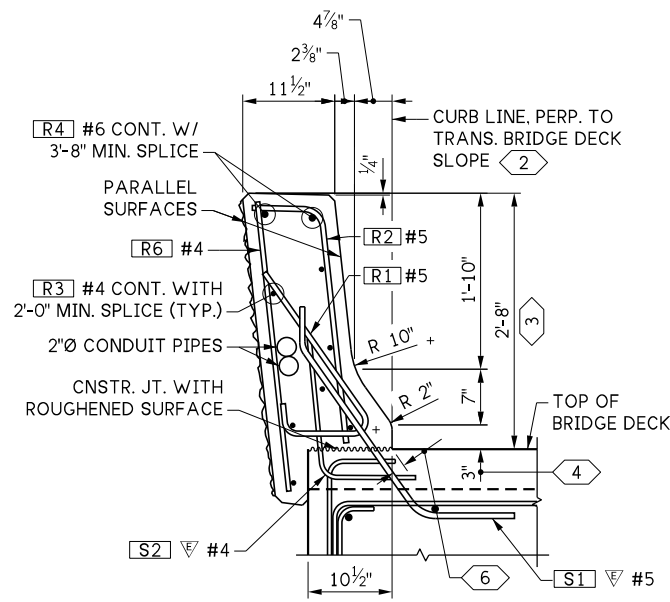
OUTSIDE ELEVATION TRAFFIC BARRIER - GUARDRAIL CONNECTION
(WHERE SHOWN ON LAYOUT)

NOTE TO DESIGNERS:
1. If transverse bridge deck slope is greater than 8%, S1 and S2 bar bends need to be modified to account for the difference between the actual slope and 8% on the bridge or median barrier. The barrier geometry needs to be checked also.
2. the non-applicable text should be removed from the actual bridge plans

NW REGION:
Terminate each conduit pipe at separate type 1 junction boxes off end of bridge as shown on layout.



OUTSIDE ELEVATION END OF TRAFFIC BARRIER
SHOWN WITH BRIDGE APPROACH SLAB



TYPICAL SECTION TRAFFIC BARRIER
SHOWN ON BRIDGE

- KEY NOTES:**
- 1 PROVIDE 5 - 7/8" Ø ROCKET / KOHLER F-50, LANCASTER MALLEABLE, OR DAYTON / RICHMOND F-62 FLARED THIN SLAB FERRULE INSERTS OR APPROVED EQUAL (TYP.). RESIN BONDED ANCHORS MAY BE SUBSTITUTED.
 - 2 FOR TRANSVERSE BRIDGE DECK SLOPES GREATER THAN 8%, CHANGE THE NOTE TO THE FOLLOWING: FOR THE LOW SIDE OF THE BRIDGE OR MEDIAN BARRIER - "PERPENDICULAR TO 8% TRANSVERSE BRIDGE DECK SLOPE". FOR THE HIGH SIDE OF THE BRIDGE BARRIER - "PERPENDICULAR TO TRANSVERSE BRIDGE DECK SLOPE".
 - 3 HEIGHT MAY VARY IF REQUIRED TO PROVIDE A PROFILE THAT IS PLEASING TO THE EYE.
 - 4 TOE HEIGHT MAY VARY. 2" MIN. TO 6" MAX.
 - 5 BARRIER CONTINUOUS BETWEEN BRIDGE DECK EXPANSION JOINTS. CONSTRUCTION JOINTS WITH SHEAR KEYS ARE PERMISSIBLE AT DUMMY JOINT LOCATIONS. FORM JOINTS BETWEEN DUMMY JOINTS SHALL NOT BE PERMITTED.
 - 6 1 1/2" CLEAR.

10.2-A2-1

FILE NAME: 10.2-A2-1_Shape F Traffic Barrier on Flat Slab 1 of 3.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.	 PRELIMINARY PLAN NOT FOR CONSTRUCTION	SEE CERTIFICATION SHEET DATE STAMP BOX	SEE CERTIFICATION SHEET DATE STAMP BOX	STANDARD DESIGN DRAWINGS TRAFFIC BARRIERS TRAFFIC BARRIER - SHAPE F FLAT SLAB - DETAILS 1 OF 3	PLAN REF NO SHEET OF SHEETS
PLOT DATE: 07-Oct-2025 PLOT TIME: 8:40:23 AM 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/F-Shape on Flat Slab/_DGN/10.2-A2-1_Shape F Traffic Barrier on Flat Slab 1 of 3.dgn					