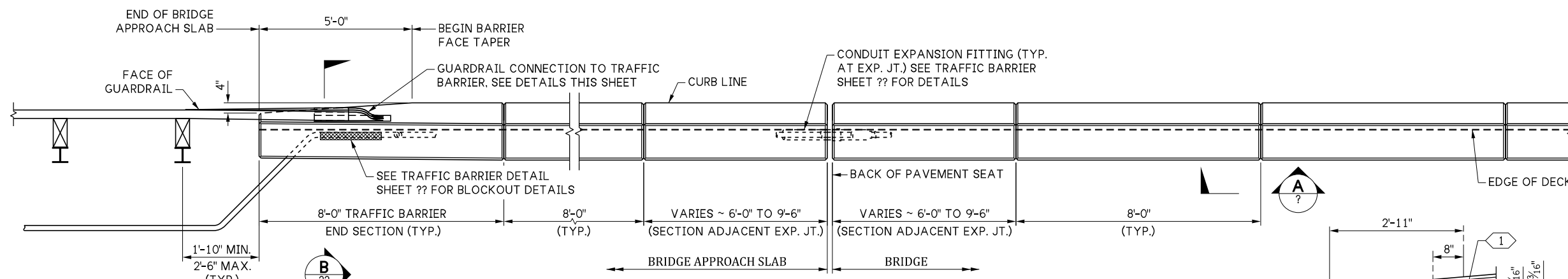


LAST REVISED: 07/24/2025



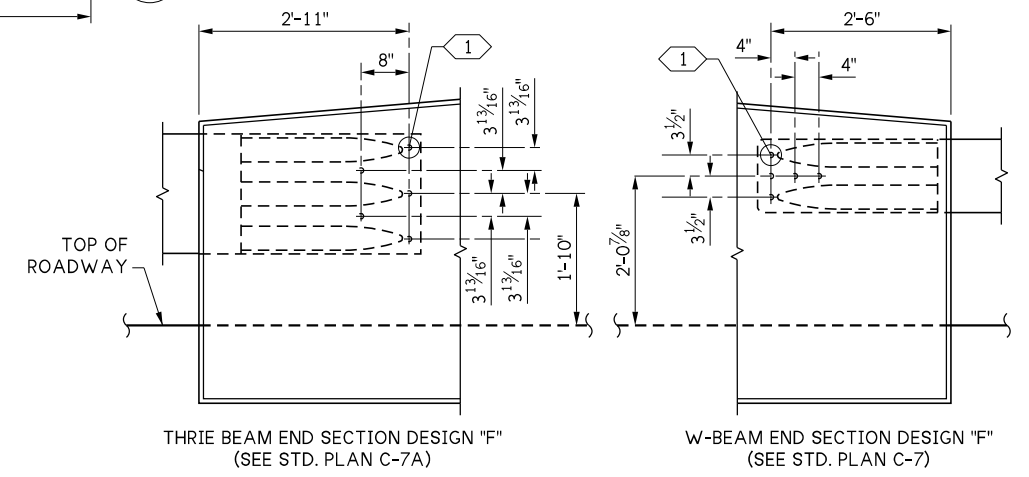
**PLAN TRAFFIC BARRIER**

**NOTE TO DESIGNERS:**

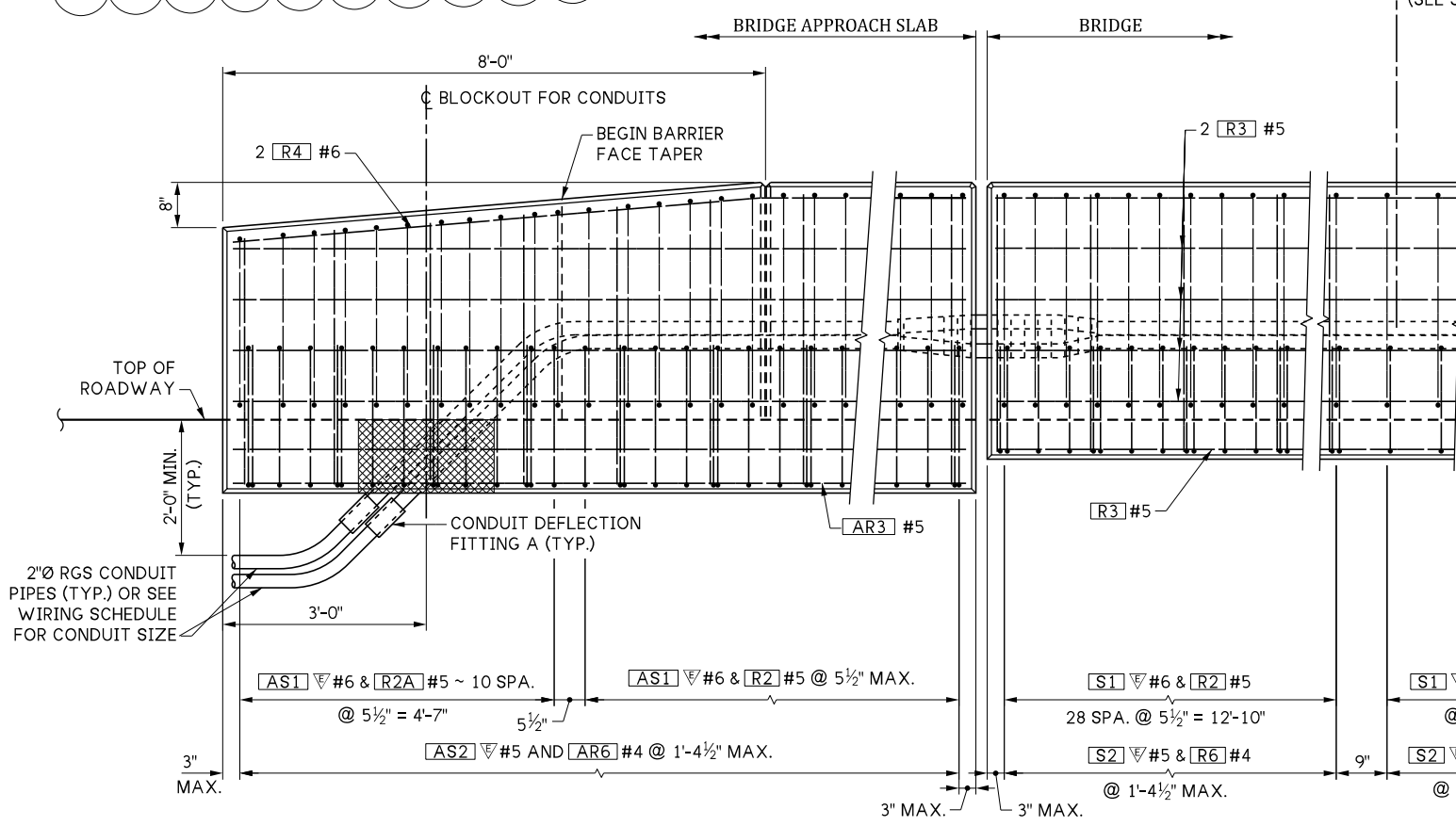
1. If transverse bridge deck slope is greater than 8%, S1 and S2 bar bends need to be modified to account for the difference between the actual slope and 8% on the bridge or median barrier. The barrier geometry needs to be checked also.
2. the non-applicable text should be removed from the actual bridge plans
3. General Notes or traffic barrier details shall include the test level (TL-4) of the barrier.

**NW REGION:**

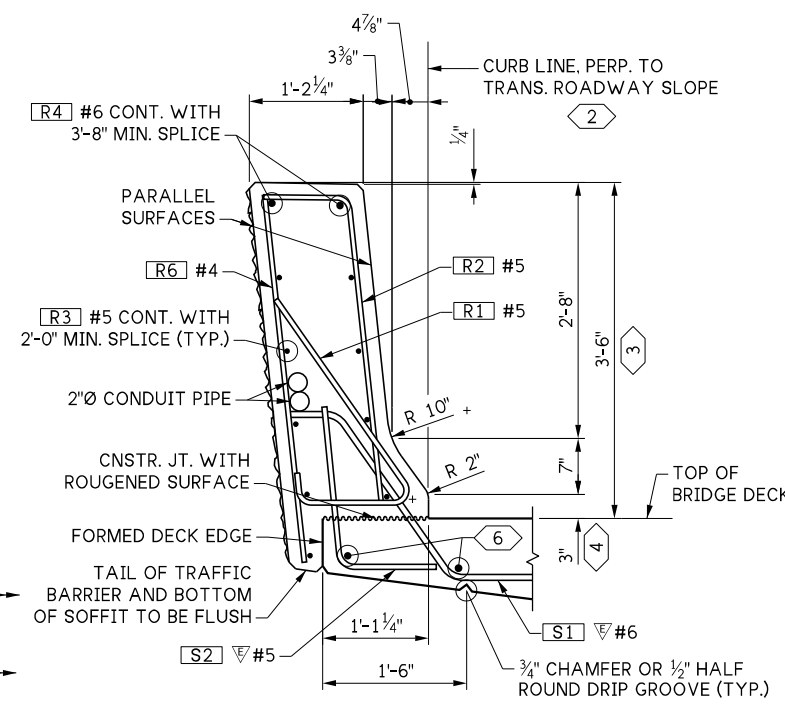
1. Terminate each conduit pipe at separate type 1 junction boxes off end of bridge as shown on layout.



**OUTSIDE ELEVATION TRAFFIC BARRIER - GUARDRAIL CONNECTION**  
(WHERE 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 SEE OTHER PLAN SHEET FOR DETAILS.

10.2-A5-1B

FILE NAME	10.2-A5-1B_Traffic Barrier Shape F 42 TL5 - 1 of 3.dgn		
BRIDGE DES. ENG.			
BRIDGE PROJ. ENG.			
SUPERVISOR			
DESIGNED BY			
CHECKED BY			
ENTERED BY			
PRELIM. PLAN BY			
ARCH. / SPEC.			
	REVISION	DATE	BY

REGION NO. 10 STATE WASH  
 JOB NUMBER  
 CONTRACT NO.  
**WSDOT**  
 PRELIMINARY PLAN NOT FOR CONSTRUCTION

SEE CERTIFICATION SHEET DATE	SEE CERTIFICATION SHEET DATE
STAMP BOX	STAMP BOX

STANDARD DESIGN DRAWINGS TRAFFIC BARRIERS  
 TRAFFIC BARRIER SHAPE F 42" (TL-5) DETAILS 1 OF 3  
 SHEET OF SHEETS