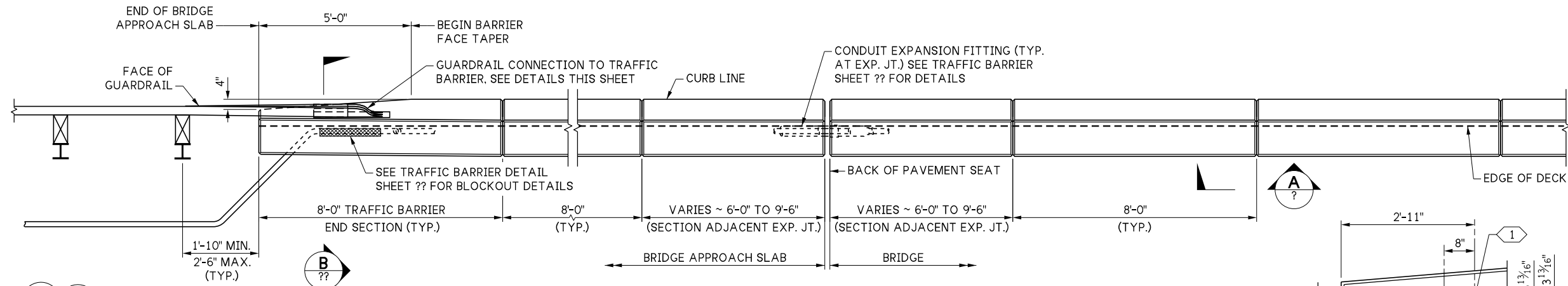


LAST REVISED: 07/22/2025



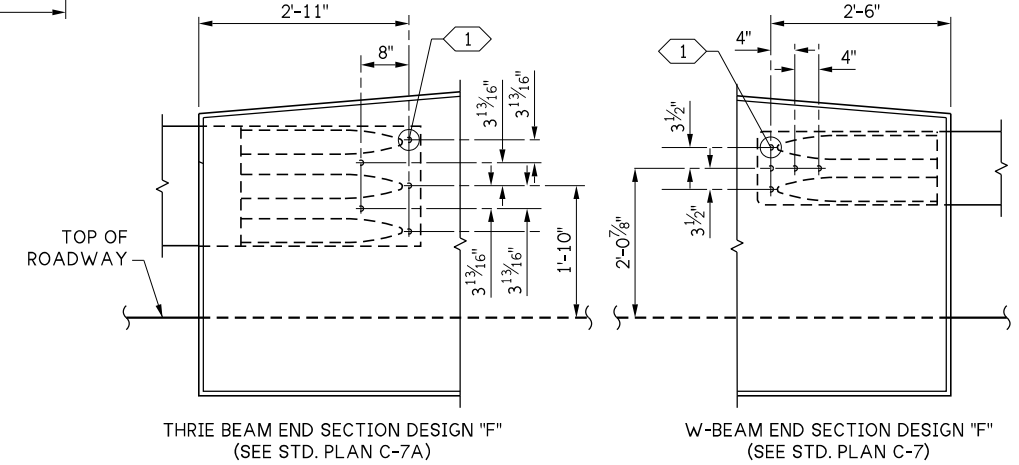
PLAN TRAFFIC BARRIER

NOTE TO DESIGNERS:

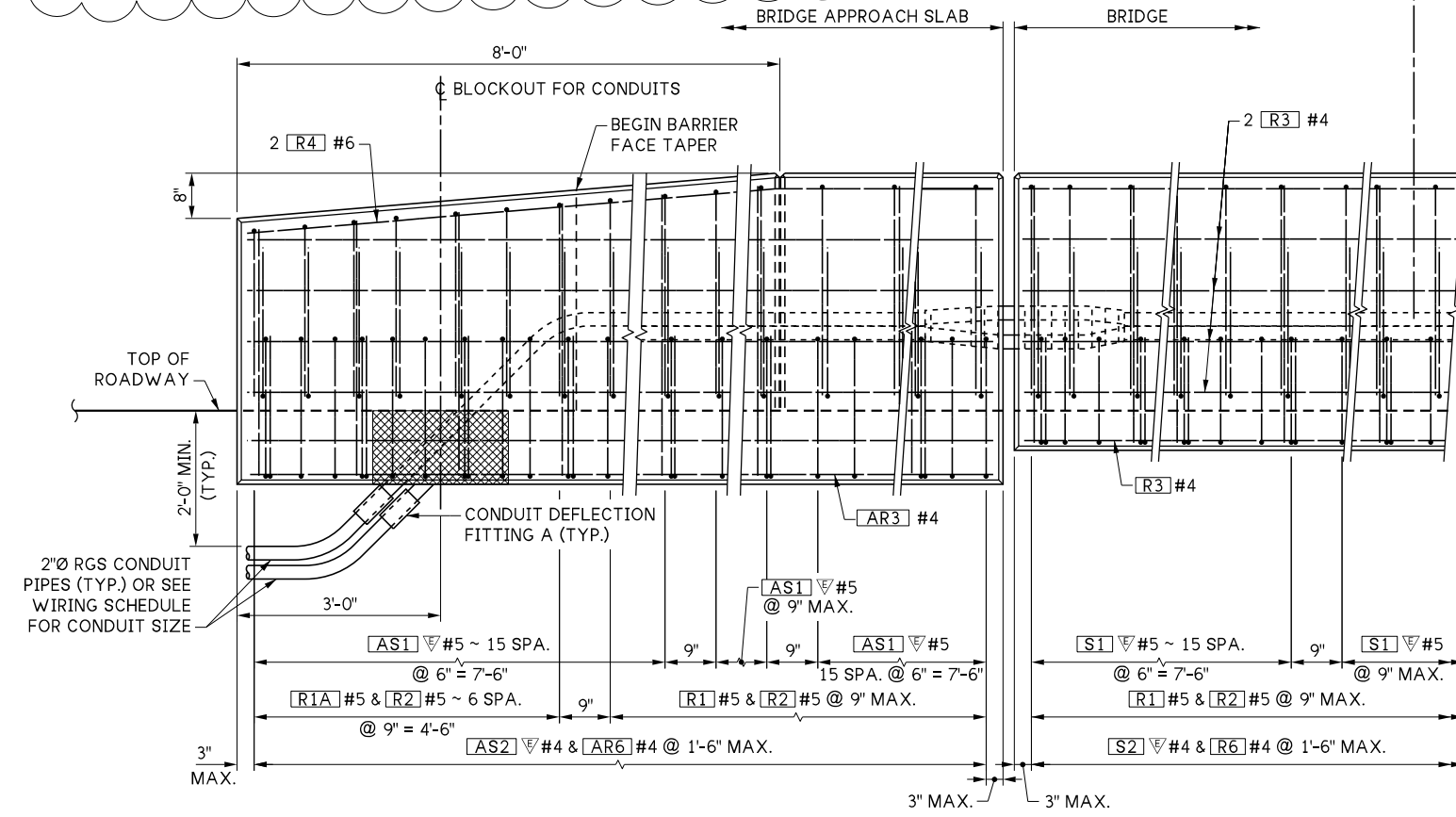
1. If transverse bridge deck slope is greater than 8%, S1 and S2 bar bends need to be modified to account for the difference between the actual slope and 8% on the bridge or median barrier. The barrier geometry needs to be checked also.
2. the non-applicable text should be removed from the actual bridge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

NW REGION:

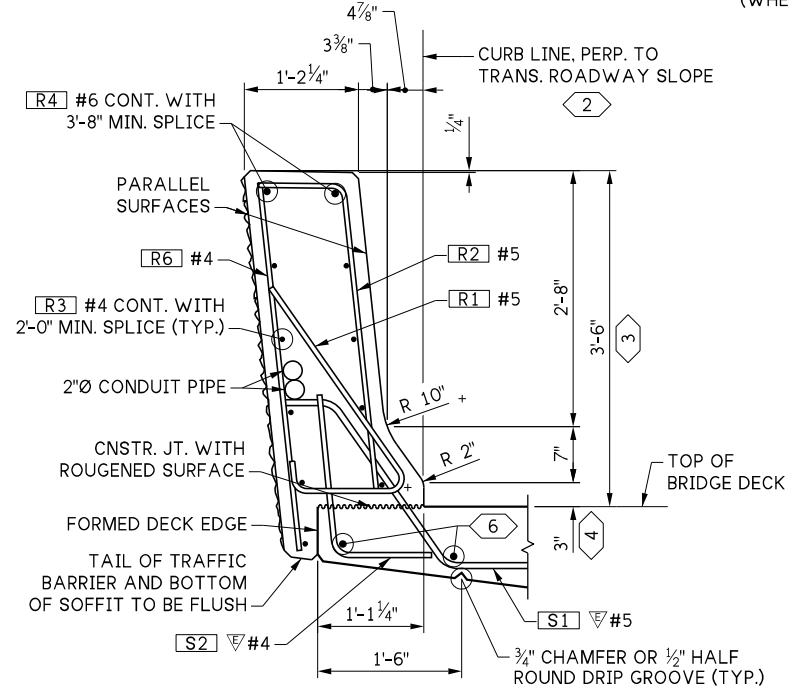
1. Terminate each conduit pipe at separate type 1 junction boxes off end of bridge as shown on layout.



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-A5-1A

FILE NAME	10.2-A5-1A_Traffic Barrier Shape F 42 TL4 - 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.	STATE
10	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	PLAN REF NO
TRAFFIC BARRIER SHAPE F 42" (TL-4) DETAILS 1 OF 3	SHEET OF SHEETS