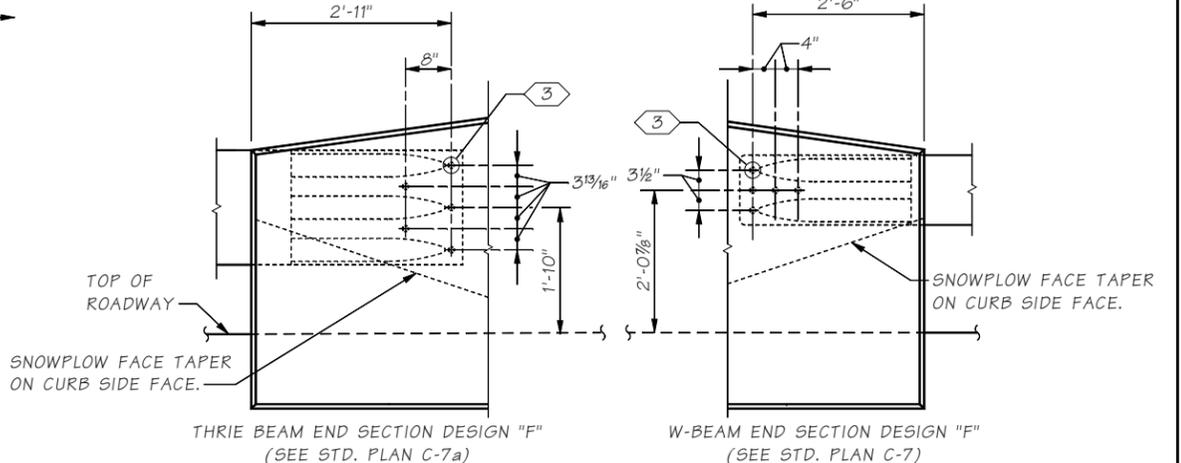


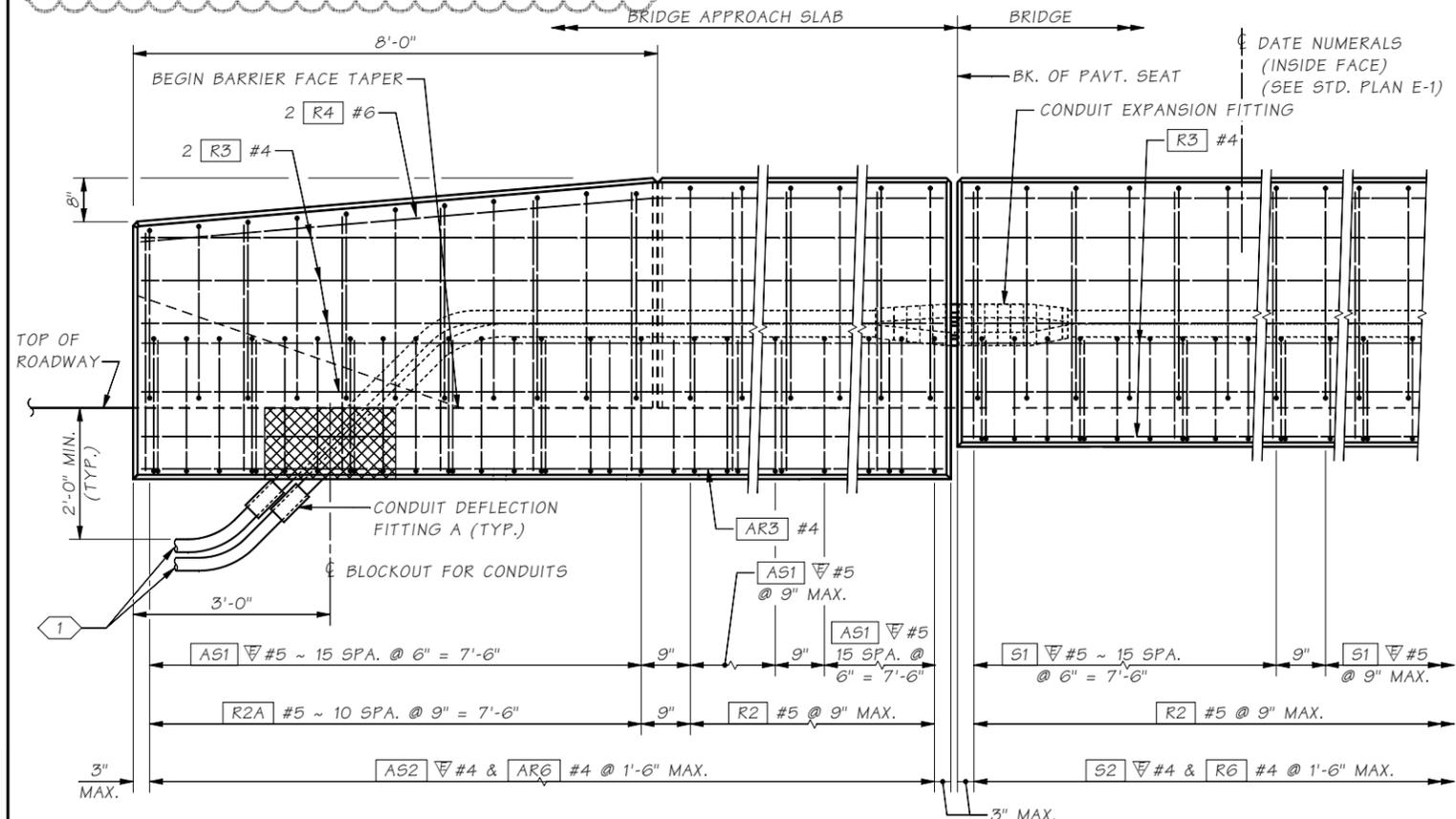
PLAN TRAFFIC BARRIER

**NOTE TO DESIGNERS**

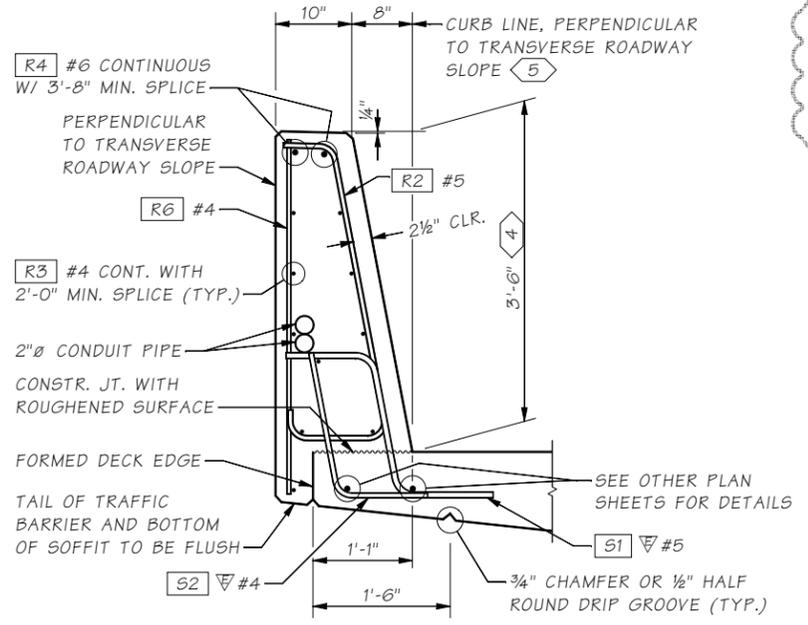
- If transverse bridge deck slope is greater than 8%, S1 and S2 bar bends need to be modified to account for the difference between the actual slope and 8% on the low side only of the bridge or median barrier. The barrier geometry needs to be checked also.
- The non-applicable text should be removed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



OUTSIDE ELEVATION TRAFFIC BARRIER - GUARDRAIL CONNECTION



OUTSIDE ELEVATION END OF TRAFFIC BARRIER SHOWN WITH BRIDGE APPROACH SLAB



TYPICAL SECTION TRAFFIC BARRIER SHOWN ON BRIDGE

**NW REGION:**  
TERMINATE EACH CONDUIT PIPE AT SEPARATE TYPE 1 JUNCTION BOXES OFF END OF BRIDGE AS SHOWN ON LAYOUT.

- NOTES:**
- 2"Ø RGS CONDUIT PIPES (TYP.) OR SEE WIRING SCHEDULE FOR CONDUIT SIZE.
  - 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.
  - 3/8"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.
  - HEIGHT MAY VARY IF REQUIRED TO PROVIDE A PROFILE PLEASING TO THE EYE.
  - 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."

Last revised on : 03/27/2020

JOB NO. 10.2-AG-1A SHEET

Bridge Design Engr.	M:\STANDARDS\Traffic Barriers\Single Slope\Working and New Versions\SS42TB1-TL4.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist						
DATE	REVISION	BY	APPD			

**BRIDGE AND STRUCTURES OFFICE**

**Washington State Department of Transportation**

**STANDARD TRAFFIC BARRIERS**

TRAFFIC BARRIER - SINGLE SLOPE 42"  
DETAILS 1 OF 3

BRIDGE SHEET NO.

SHEET

OF

SHEETS