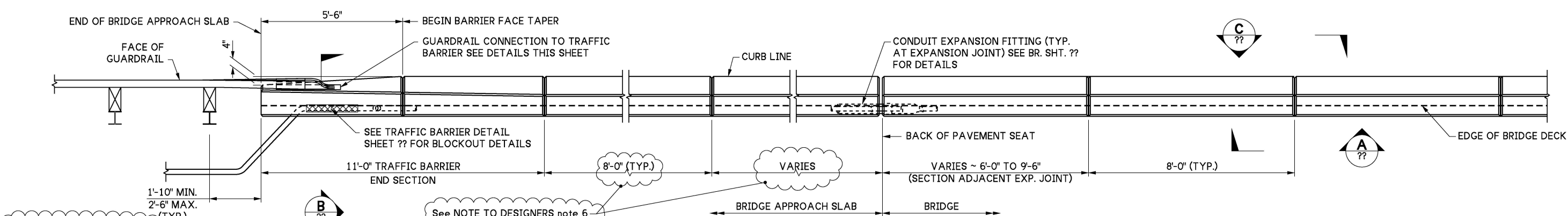


LAST REVISED: 03/31/2026

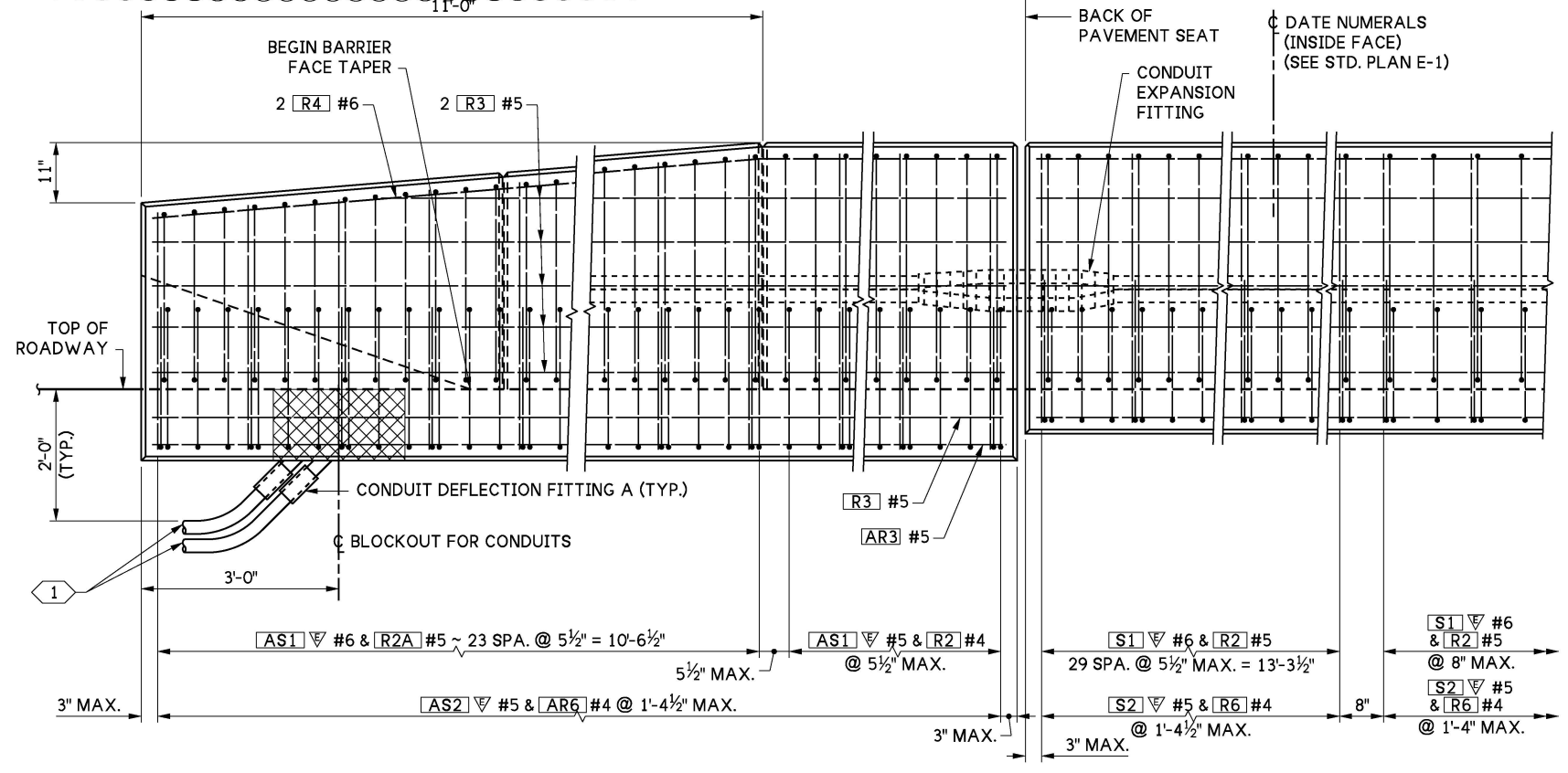
10.2-A6-1



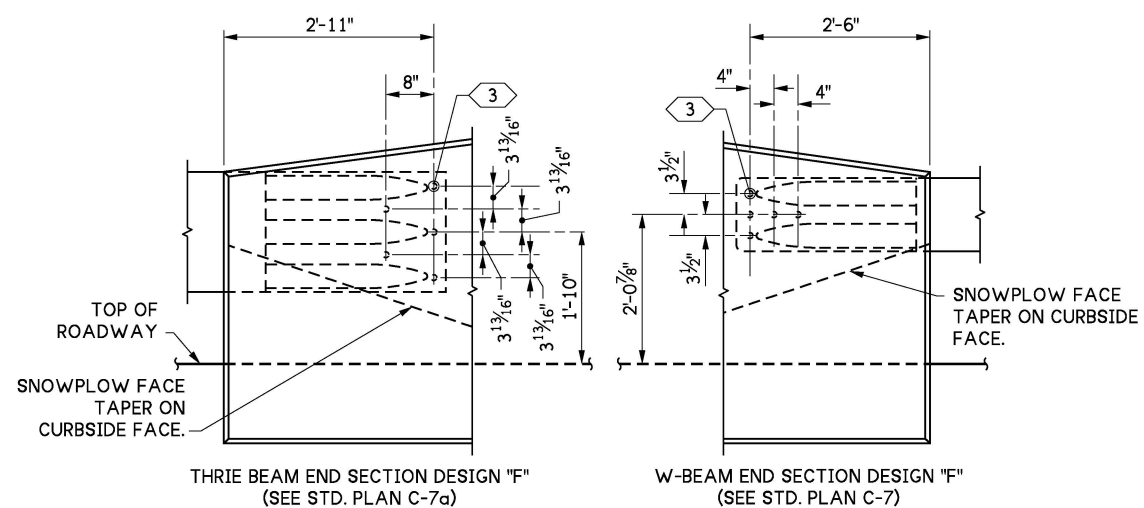
- NOTE TO DESIGNERS**
1. If transverse bridge deck slope is greater than 8%, S1 and S2 bar bends need to be modified to account for the difference between the actual slope and 8% on the low side only of the bridge or median barrier. The barrier geometry needs to be checked also.
 2. The non-applicable text should be removed from the actual bridge plan.
 3. General Notes or traffic barrier details shall include the test level (TL-5) of the barrier.
 4. These standard drawings have been prepared for a standard guardrail connection, if attaching to a concrete barrier or other element additional engineering and detailing are required.
 5. The S1 bars require a min #4 bar nested in the hook in the supporting element. This may be a slab bar which meets other needs, otherwise specify a bar in the plans in this area.
 6. Vary segments on approach slab between 6' and 10' to fit so that segments are roughly equal in length. In general an 8' typical is used, however, it may not work well for approach slabs given the 11' to end taper. If multiple intermediate barrier segments are present, all intermediate sections should be the same length as each other, the segment next to the expansion joint may differ. Change the dimensions on the plans accordingly.

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

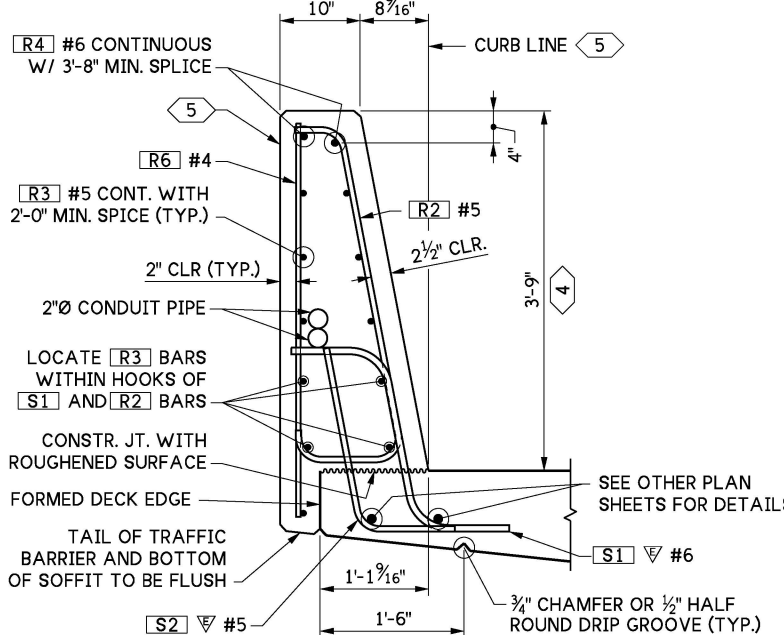
PLAN - TRAFFIC BARRIER



OUTSIDE ELEVATION - END OF TRAFFIC BARRIER
SHOWN WITH BRIDGE APPROACH SLAB



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



TYPICAL SECTION TRAFFIC BARRIER
SHOWN ON BRIDGE

- KEY NOTES:**
1. 2" Ø RGS CONDUIT PIPES (TYP.) OR SEE WIRING SCHEDULE FOR CONDUIT SIZE.
 2. 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. 7/8" Ø ROCKET/KOHLER F-50 LANCASTER MALLEABLE, OR DAYTON/RICHMOND F-62 FLARED THIN SLAB FERRULR INSERTS OR APPROVED EQUAL (TYP.). RESIN-BONDED ANCHORS MAY BE SUBSTITUTED.
 4. HEIGHT MAY VARY IF REQUIRED TO PROVIDE A PROFILE PLEASING TO THE EYE.
 5. PERPENDICULAR TO TRANSVERSE ROADWAY SLOPE.
FOR TRANSVERSE BRIDGE DECK SLOPES GREATER THAN 8%, CHANGE 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."

FILE NAME 10.2-A6-1_ Traffic Barrier - Single Slope 45 TL5 1 of 3.dgn				REGION NO.	STATE	 PRELIMINARY PLAN NOT FOR CONSTRUCTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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