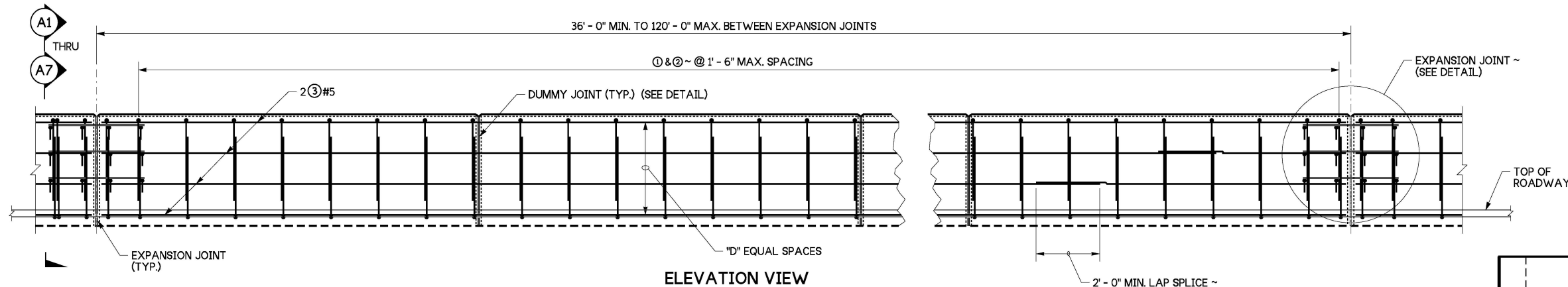
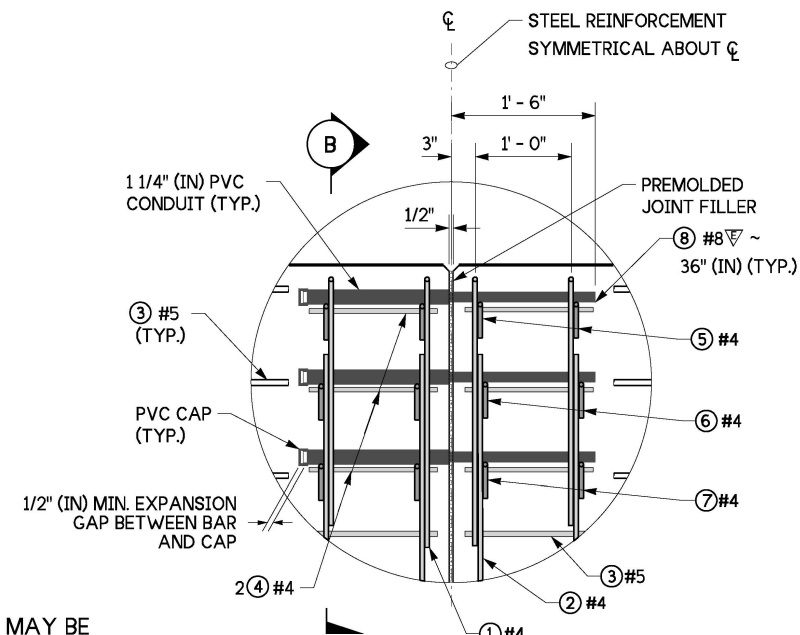


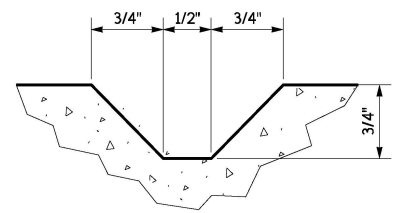
PLAN VIEW



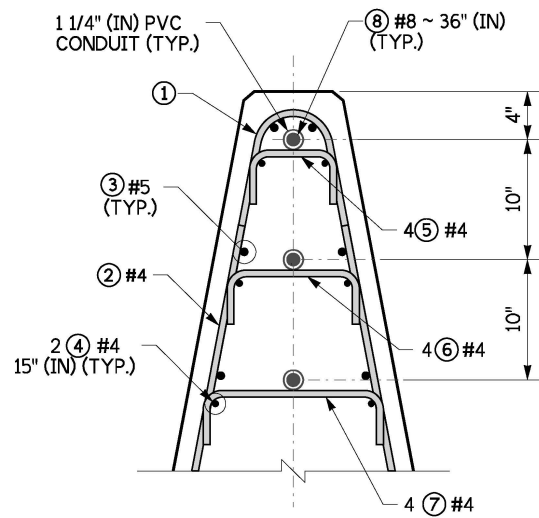
ELEVATION VIEW



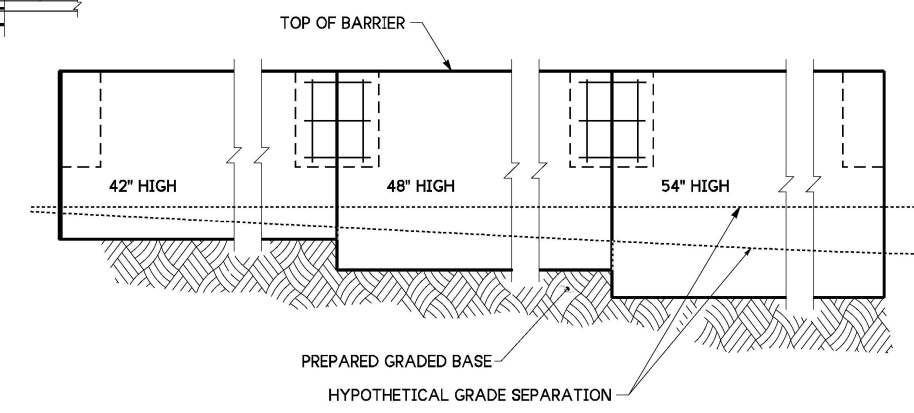
ENSURE NO CEMENT CONCRETE ENTERS THE PVC CONDUIT WHEN POURING
 E = EPOXY COATED
 EXPANSION JOINT DETAIL



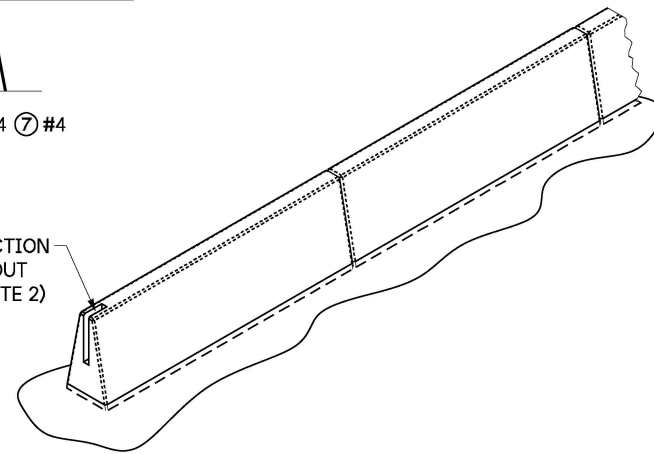
TYPICAL SECTION DUMMY JOINT DETAIL



SECTION (B)

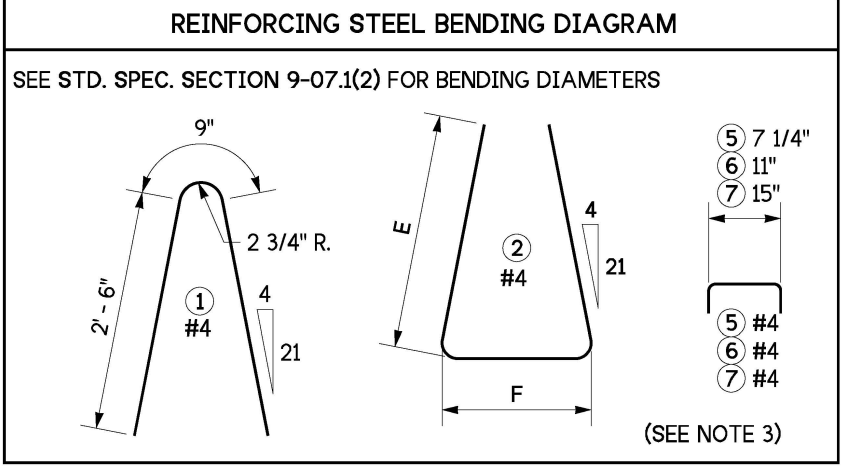


BARRIER TRANSITION DETAIL



ISOMETRIC VIEW

NOTE:
 STEEL WIRE REINFORCEMENT DEFORMED FOR CONCRETE MAY BE SUBSTITUTED FOR REINFORCING STEEL IN ACCORDANCE WITH STANDARD SPECIFICATION SECTION 6-10.3



BARRIER HEIGHT	DIMENSION TABLE (SEE NOTE 3)					HORIZONTAL BARS (QTY.)
	A	B	D	E	F	
3' - 6"	8"	2' - 0"	3	2' - 6"	1' - 8"	8
4' - 0"	9 1/8"	2' - 2 1/4"	4	3' - 0"	1' - 10"	10
4' - 6"	10 1/4"	2' - 4 1/2"	5	3' - 6 1/2"	2' - 0"	12

NOTES

1. Reinforcing steel dimensions and clearances are shown for stationary form construction. When slipform construction is used, increase reinforcing steel clearances to the outside surfaces of the barrier to 2 1/2" (in) and adjust the rebar dimensions as required.
2. When connecting between cast-in-place and pre-cast single-slope barrier, provide a Blockout, Rebar Grid, and added rebar, as shown in Standard Plan C-70.10.
3. The actual dimensions will vary as the grades change and the barrier transitions in height and width. The dimensions may be interpolated for intermediate barrier heights.
4. For barrier with a 2' - 10" reveal, see sheet 2. For High-Performance Barrier with a 3' - 6" reveal, see Sheet 3.
5. The barrier embedment depth shall be equal to or greater than the grade separation.

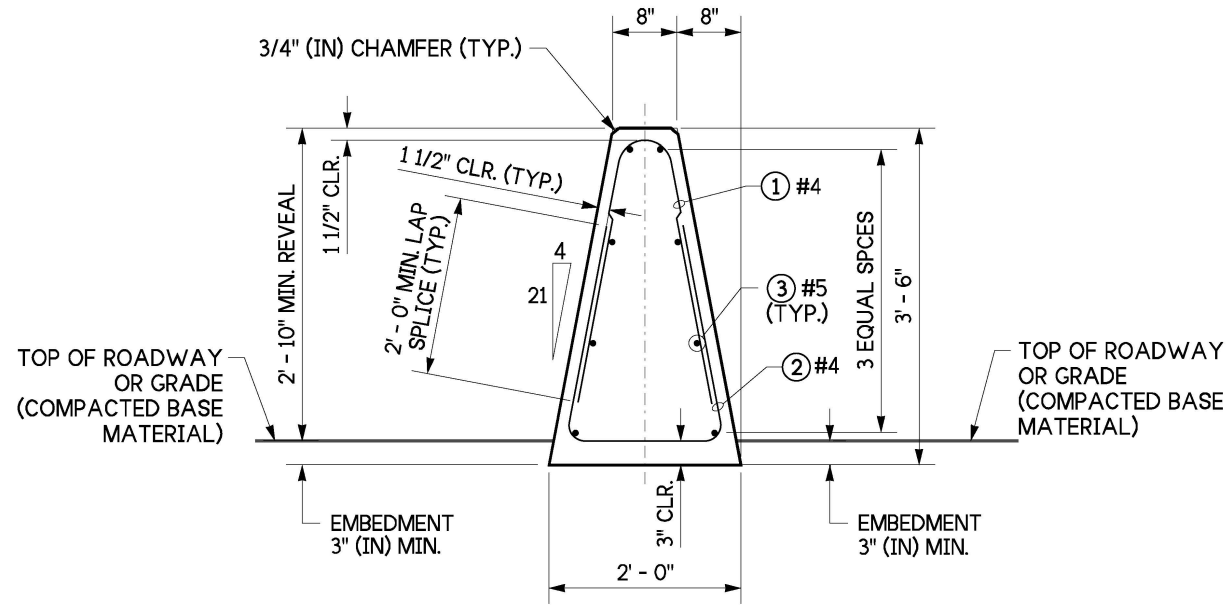


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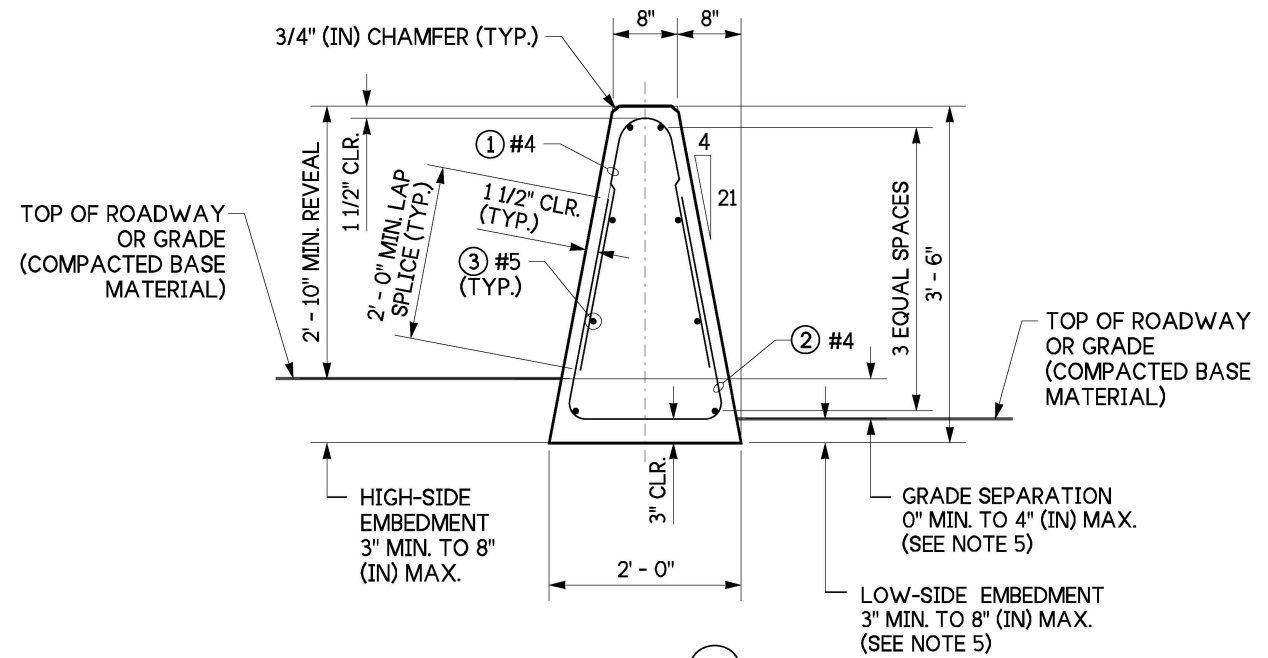
SINGLE-SLOPE CONCRETE BARRIER (CAST-IN-PLACE) DUAL-FACED STANDARD PLAN C-80.10-03

SHEET 1 OF 3 SHEETS

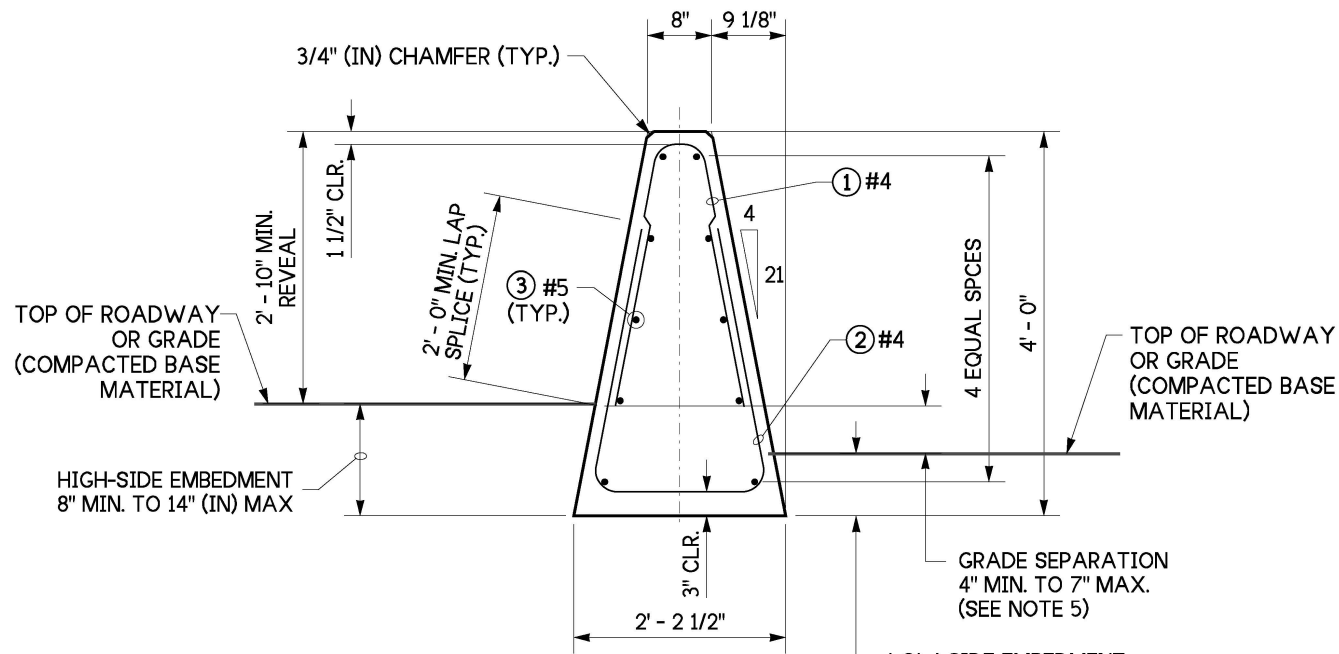
APPROVED FOR PUBLICATION
Mark A. Davis
 Oct 16, 2023
 STATE DESIGN ENGINEER
 Washington State Department of Transportation



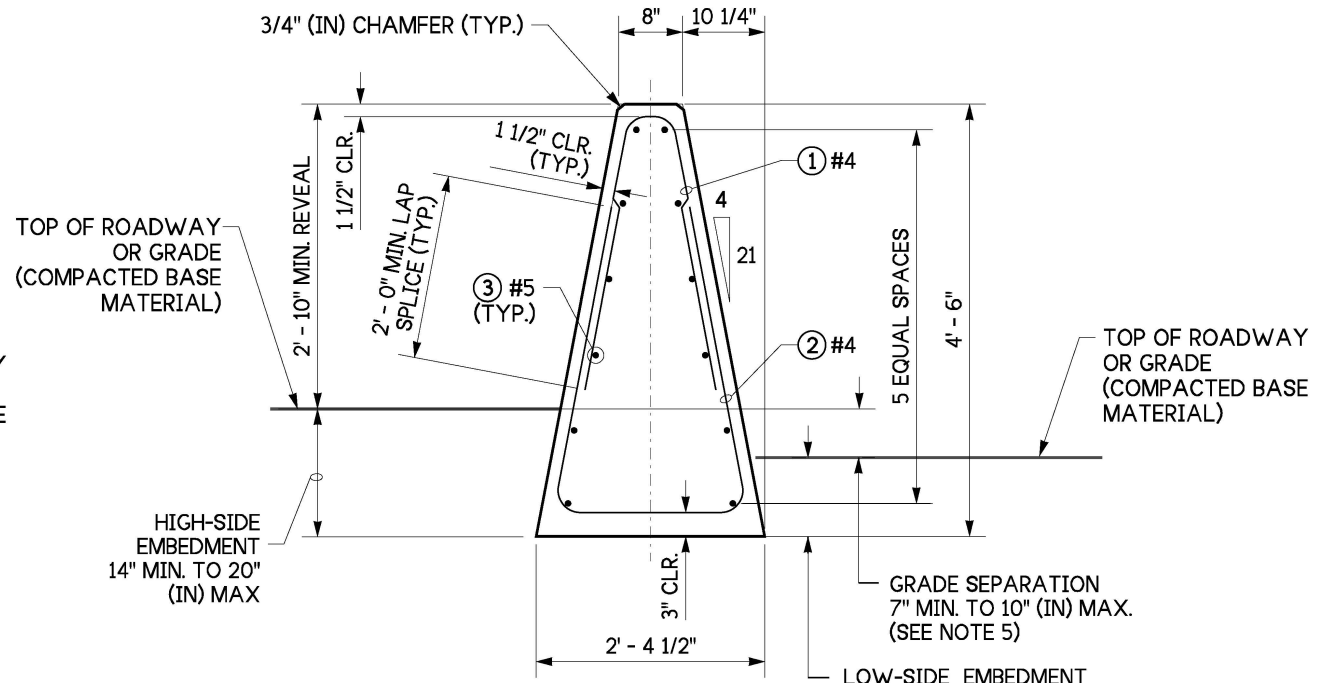
SECTION (A1)
 (3' - 6" BARRIER SHOWN LEVEL)



SECTION (A2)
 3' - 6" BARRIER FOR USE WITH A 0" TO 4" (IN) GRADE SEPARATION (SEE NOTE 3)



SECTION (A3)
 4' - 0" BARRIER FOR USE WITH A GREATER THAN 4" TO 7" (IN) GRADE SEPARATION (SEE NOTE 3)



SECTION (A4)
 4' - 6" BARRIER FOR USE WITH A GREATER THAN 7" TO 10" (IN) GRADE SEPARATION (SEE NOTE 3)



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SINGLE-SLOPE CONCRETE BARRIER (CAST-IN-PLACE) DUAL-FACED
STANDARD PLAN C-80.10-03

SHEET 2 OF 3 SHEETS

APPROVED FOR PUBLICATION

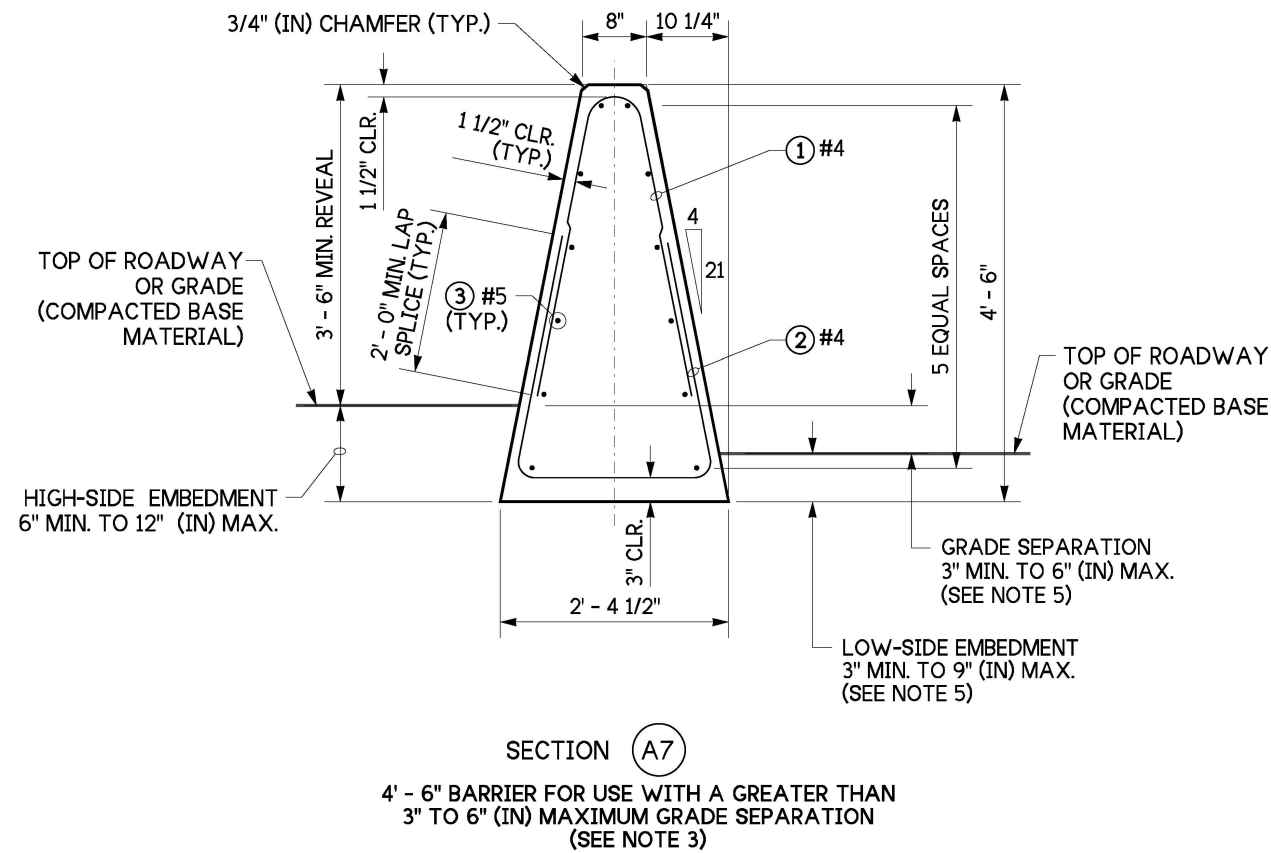
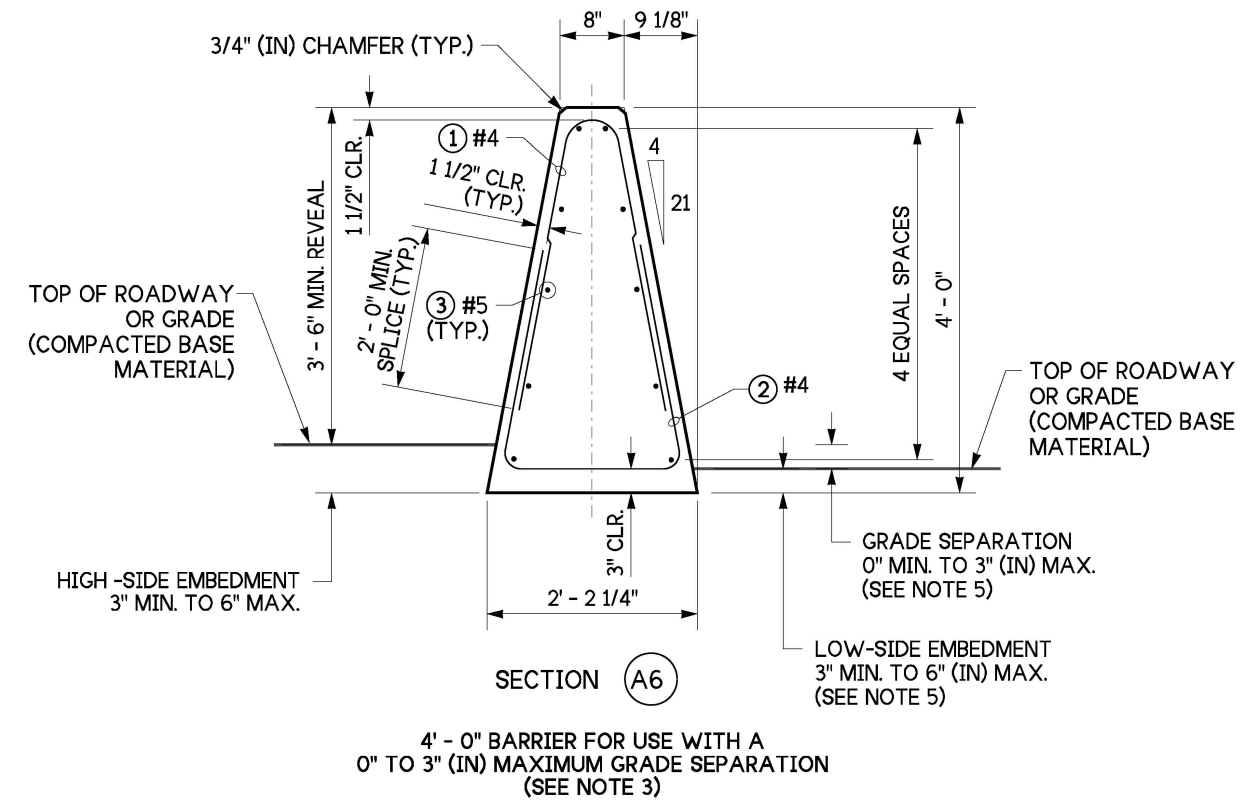
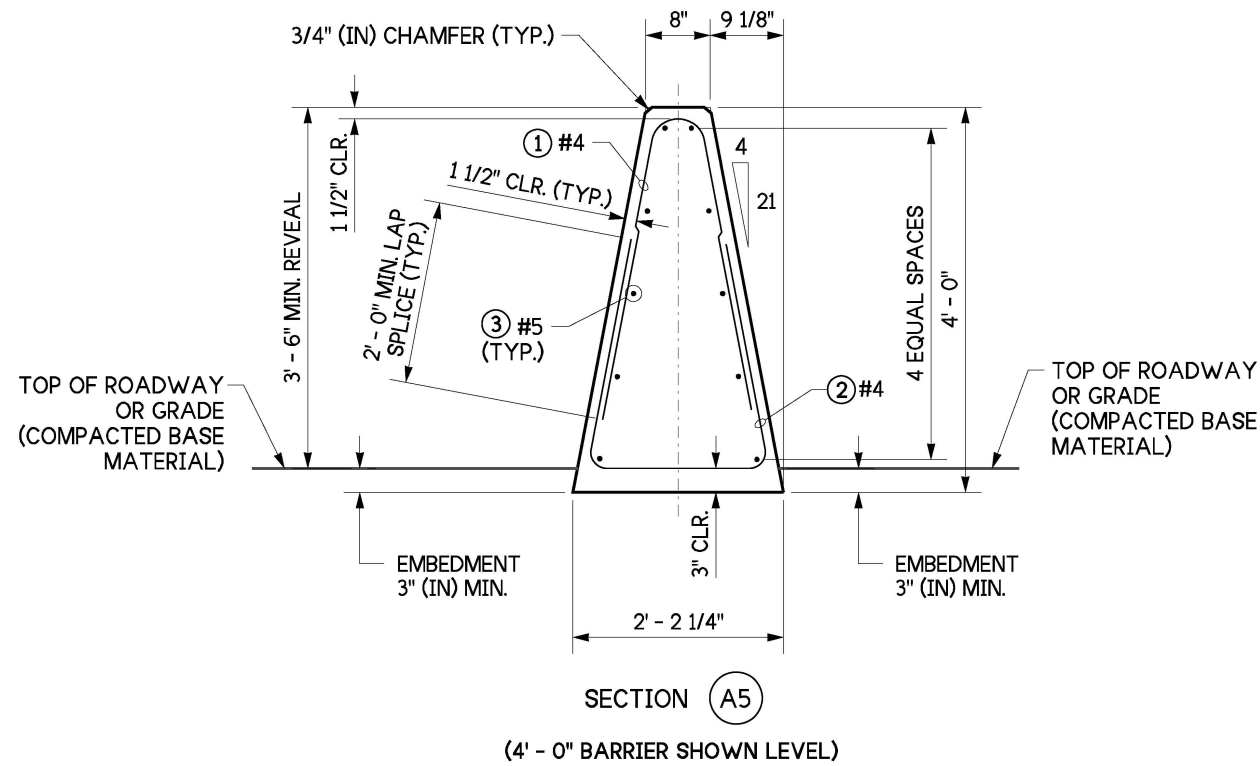
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SINGLE SLOPE BARRIER 2' - 10" MIN. REVEAL ~ 3" (IN) MIN. EMBEDMENT
IN ASPHALT, CONCRETE, OR COMPACTED BASE MATERIAL (EG., CSBC, SELECT BORROW, GRAVEL BORROW, NATIVE SOIL ETC.).



HIGH PERFORMANCE SINGLE SLOPE BARRIER 3' - 6" MINIMUM REVEAL
3" (IN) MINIMUM EMBEDMENT IN ASPHALT/CONCRETE, OR COMPACTED BASE
MATERIAL (EG., CSBC, SELECT BORROW, GRAVEL BORROW, NATIVE SOIL ETC.).



Oct 13, 2023

**SINGLE-SLOPE CONCRETE
BARRIER (CAST-IN-PLACE)
DUAL-FACED
STANDARD PLAN C-80.10-03**

SHEET 3 OF 3 SHEETS

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