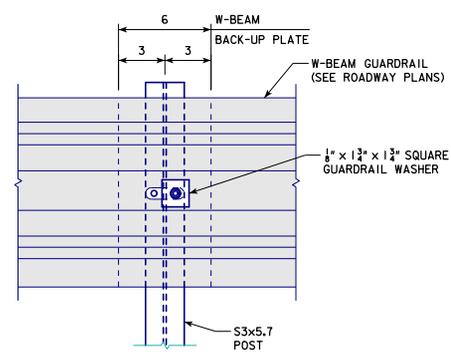
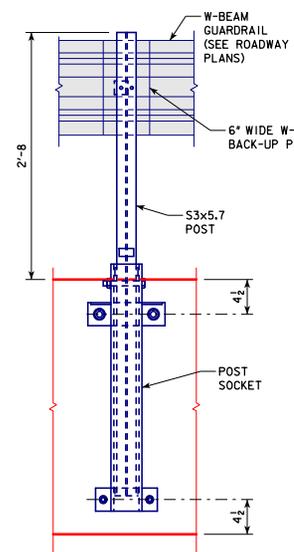
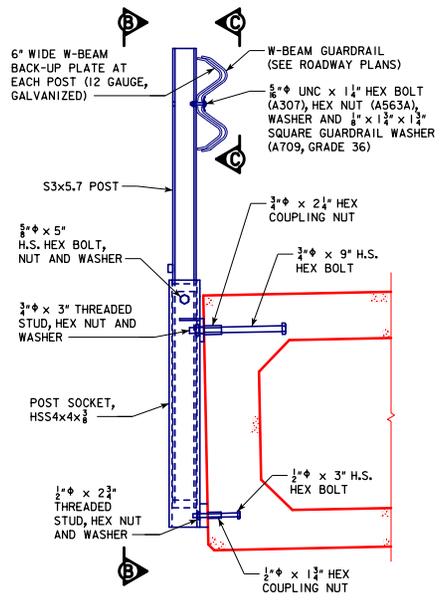
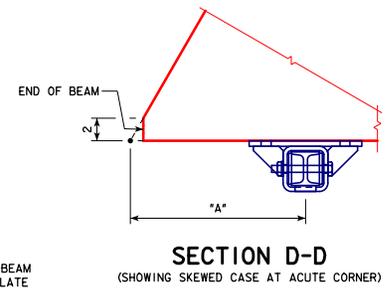


SPAN	"A" DIMENSION			"B" POST SPACES AT 3'-1 1/2"	"C"	TOTAL NUMBER OF POSTS ON BRIDGE
	0° SKEW	15° SKEW	30° SKEW			
30'-0"	1'-6 1/4"	1'-6 1/2"	1'-7 1/8"	9	28'-1 1/2"	20
40'-0"	1'-10"	1'-10 1/4"	1'-11 1/8"	12	37'-6"	26
50'-0"	2'-1 1/2"	2'-2"	2'-2 1/8"	15	46'-10 1/2"	32
60'-0"	2'-5 1/2"	2'-5 3/4"	2'-6 1/8"	18	56'-3"	38
70'-0"	1'-2 1/2"	1'-2 3/4"	1'-3 1/8"	22	68'-9"	46



BRIDGE RAIL POST NOTES:
 ALL MATERIAL INCLUDING BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED.
 ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A709 GRADE 50, UNLESS OTHERWISE NOTED OR SHOWN.
 POST SOCKETS SHALL CONFORM TO ASTM A500 GRADE B.
 ALL BOLTS SHALL BE ASTM A325, UNLESS OTHERWISE NOTED OR SHOWN.
 ALL THREADED STUDS SHALL BE ASTM A449.
 ALL NUTS, INCLUDING COUPLING NUTS SHALL BE ASTM A563, GRADE DH, UNLESS OTHERWISE NOTED OR SHOWN.
 ALL WASHERS SHALL BE ASTM F436.
 SHOP DRAWINGS OF THE STEEL POSTS SHOWING LAYOUT AND DETAILS SHALL BE SUBMITTED FOR REVIEW.
 ALL COSTS FOR FURNISHING AND INSTALLING THE STEEL POSTS, INCLUDING THE COST OF W-BEAM BACK-UP PLATES, SHALL BE INCLUDED IN THE PRICE BID FOR STRUCTURAL STEEL.

SECTION A-A

VIEW B-B

VIEW C-C

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 24'-0 ROADWAY, SINGLE SPAN CONCRETE BOX BEAM BRIDGES DECEMBER, 2016	
		BRIDGE RAIL POST DETAILS (SHEET 1 OF 2)	
		B24-64-16	