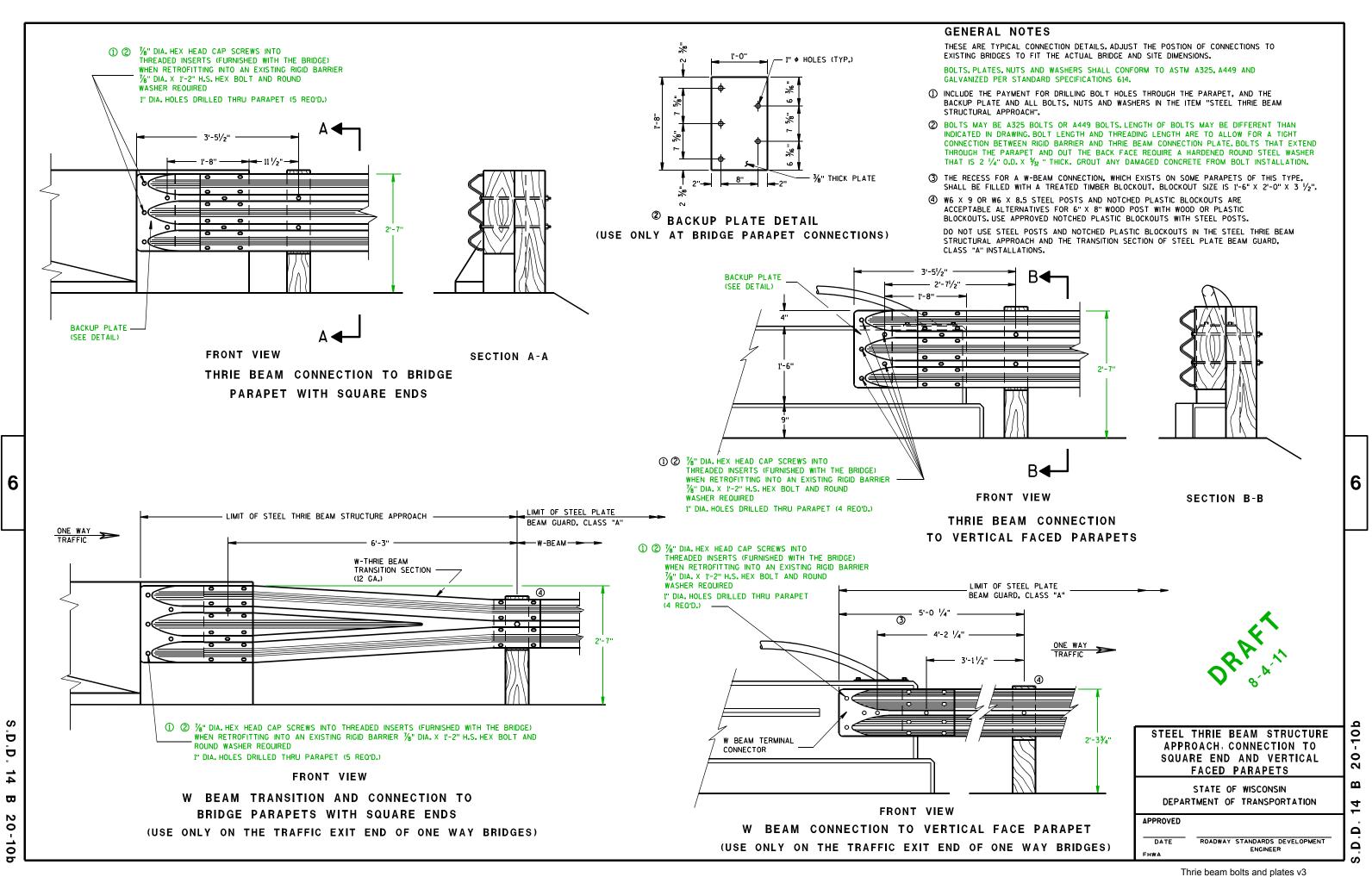
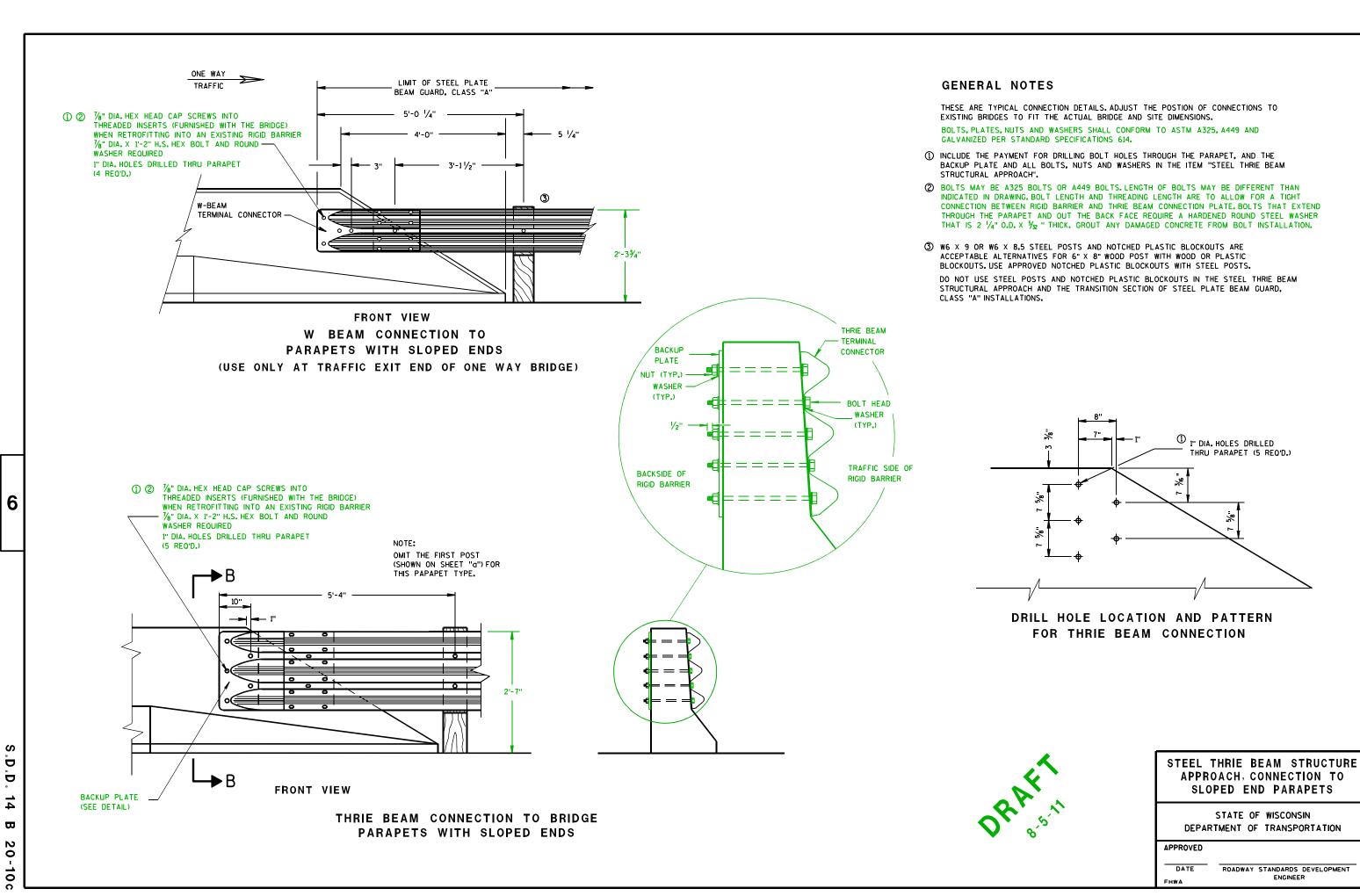


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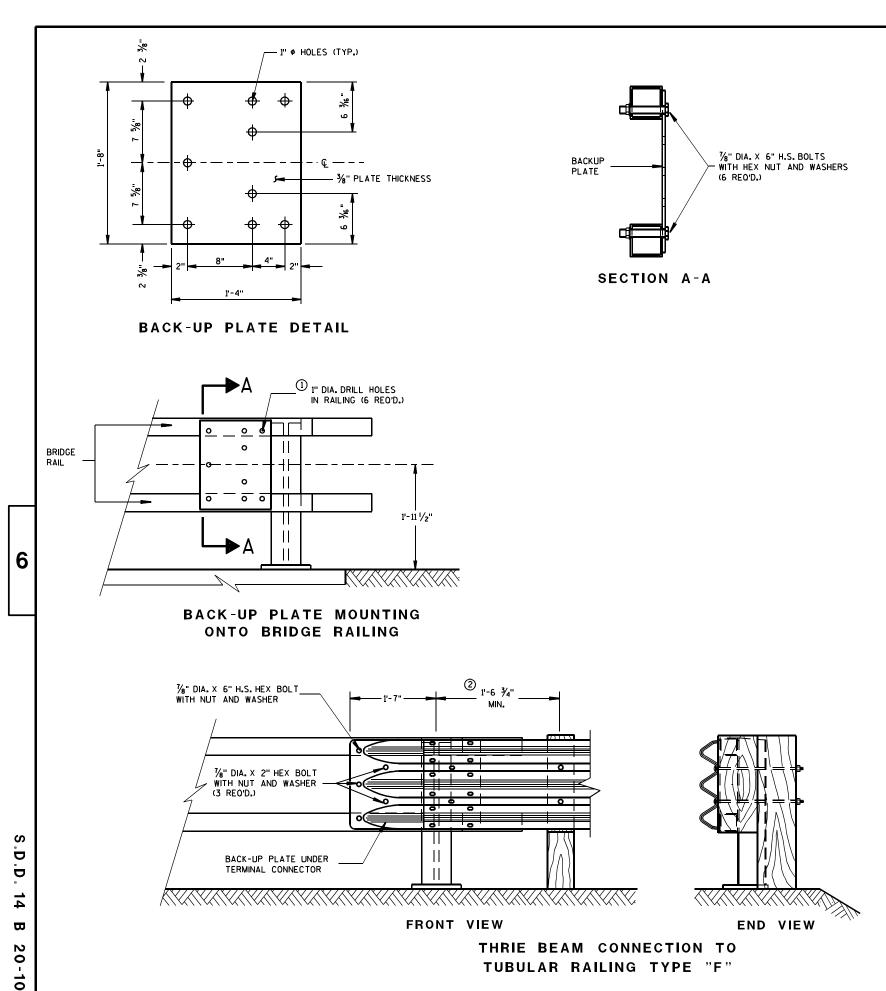
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Thrie beam bolts and plates v3

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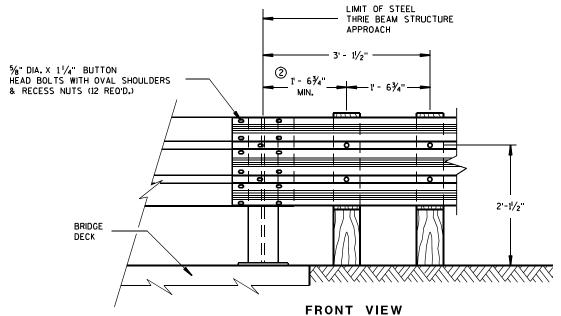
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GENERAL NOTES

BOLTS, PLATES, NUTS AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION A 325 AND BE GALVANIZED IN ACCORDANCE WITH ASTM A 153.

- 1 INCLUDE THE PAYMENT FOR DRILLING HOLES IN RAILING IN THE ITEM "STEEL THRIE BEAM STRUCTURE APPROACH".
- ② VARY THIS DIMENSION DEPENDING ON ABUTMENT TYPE, WINGWALL DETAILS, AND ANGLE OF SKEW. PLACE THE FIRST WOOD POST OFF THE BRIDGE SHALL AS CLOSE AS FEASIBLE TO THE STEEL END POST.



THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"

20-10 APPROACH, CONNECTION TO BRIDGE RAILING TYPES "F" AND "W" STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION APPROVED

STEEL THRIE BEAM STRUCTURE

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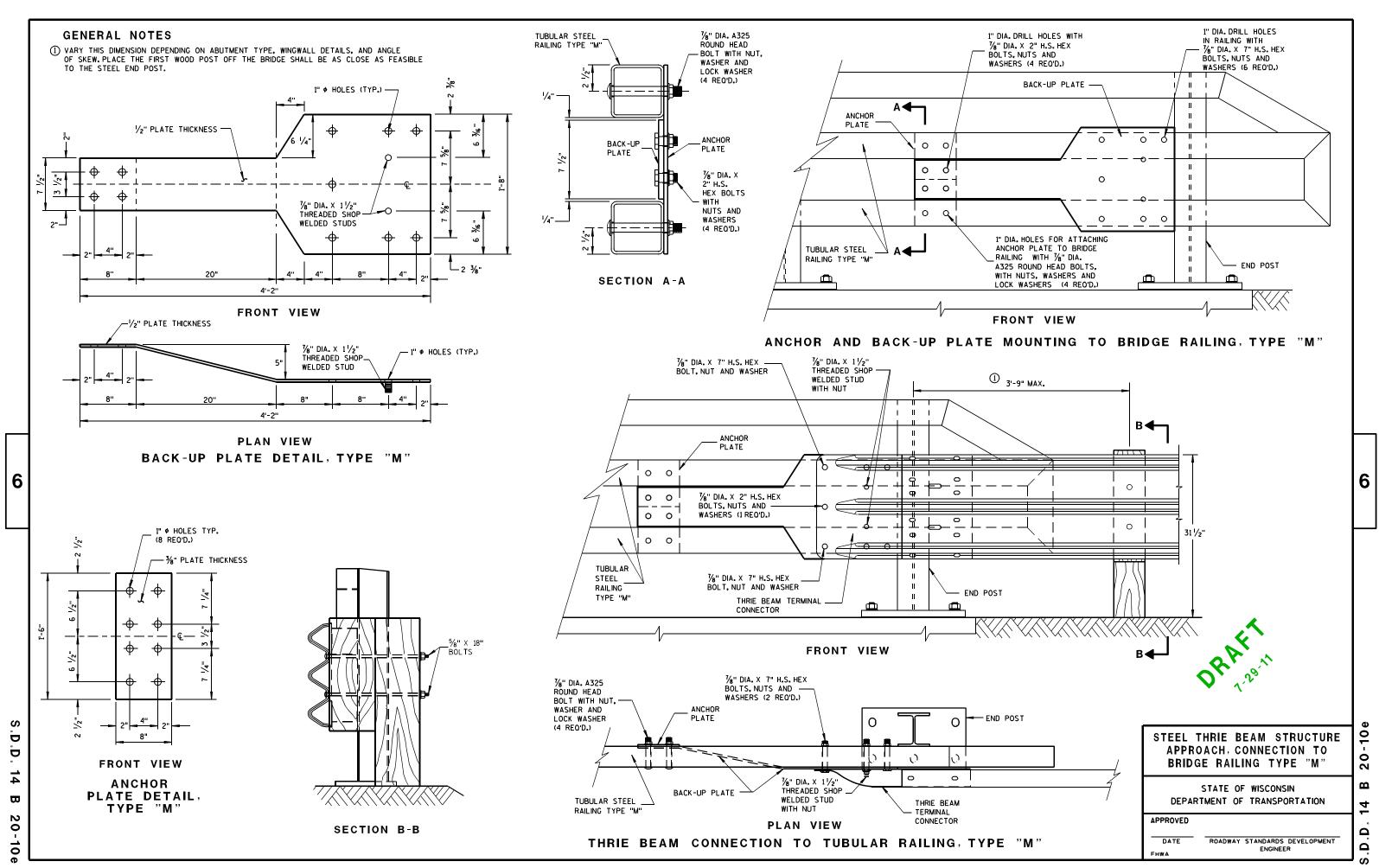
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DATE ROADWAY STANDARDS DEVELOPMENT

ENGINEER

08/05/2011



CONNECTOR PLATE DIMENSION (PER ASSEMBLY)				
PLATE	QUANTITY	SHAPE	SIZE (A × B × C × D)	THICKNESS
Pl	1	в₫	20" × 20"	3/6"
P2	1	B₽₹	20" × 20" × 28 % 6"	¾ 6"
P3	1	B _ AD	39" × 35/8" × 20" × 195/6"	¾6 ··
S1	4	B♠	181/6" × 35/8" × 183/4"	1/4"
S2	1	B C D	10 ¹ / ₄ " × 2 ⁷ / ₁₆ " × 10 ³ / ₈ " × ¹ / ₂ "	1/4"
S3	1	B₽₽D	3" × 11/16" × 31/8" × 1/2"	1/4"
S4	1	в₫	6½" × 2¾6"	1/4"
S5	1	в₫	6½" × ½6"	1/4"
S6	1	в≜	7¾" × 1¾"	1/4"
S7	1	ABC	2%6" × 6" × 3%" × 5%"	1/4"
S8	1	AB C	1 ⁵ / ₃₂ " × 7 ¹ / ₂ " × 2 ¹ / ₂ " × 7 ³ / ₈ "	1/4"
S9	1	C B	6½6" × 6¾6" × 1⅓2"	1/4"
S10	1	A DC	11/8" × 91/8" × 35/8" × 91/16 "	1/4"
S11	1	c 📥	8½" × 8¾" × 1⅓6 "	1/4"

STEEL THRIE BEAM STRUCTURE APPROACH



STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTOR PLATE DETAIL

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

DATE ROADWAY STANDARDS DEVELOPMENT

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Thrie beam bolts and plates v3

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