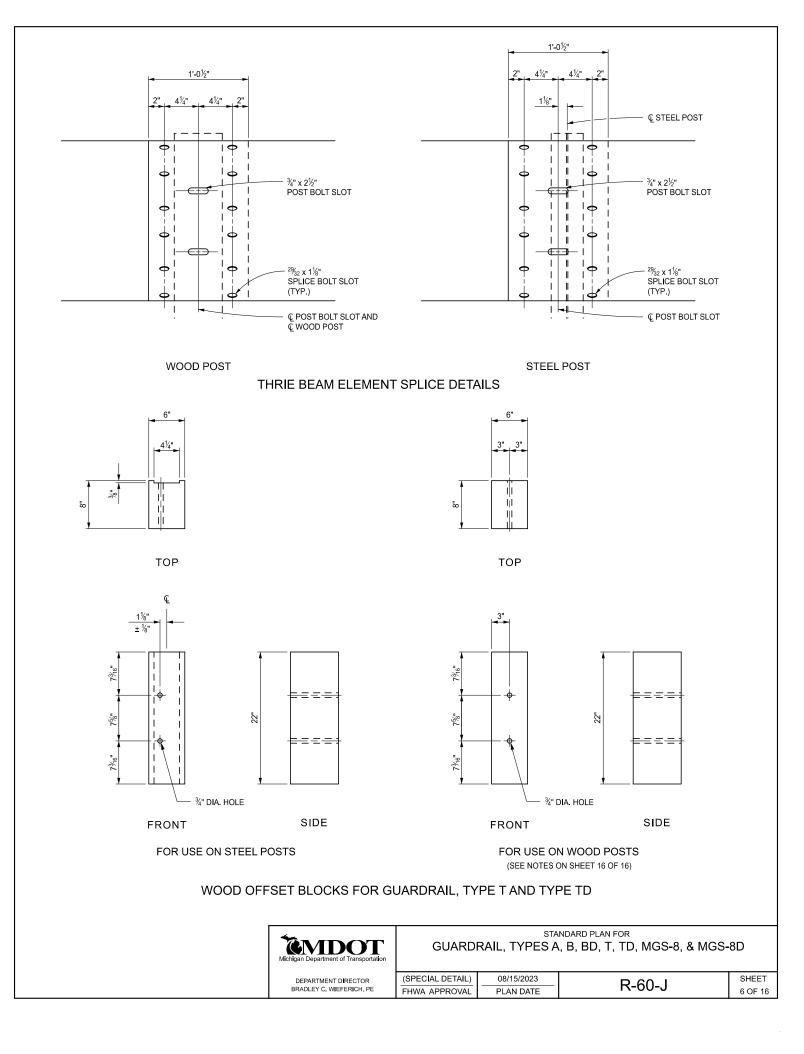
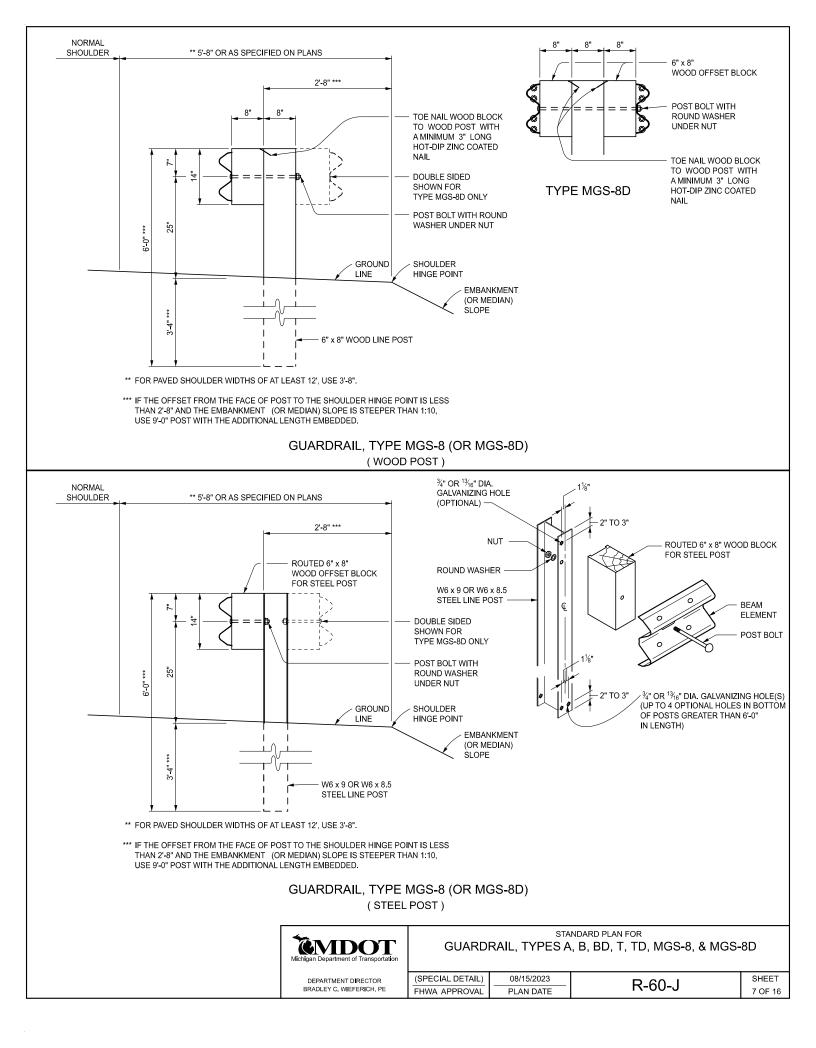
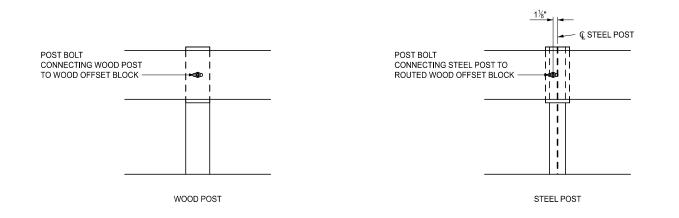


BLOCK AND POST CONNECTION DETAILS

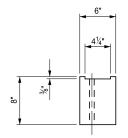
Michigan Department of Transportation	STANDARD PLAN FOR GUARDRAIL, TYPES A, B, BD, T, TD, MGS-8, & MGS-8D				
DEPARTMENT DIRECTOR BRADLEY C. WIEFERICH, PE	(SPECIAL DETAIL) FHWA APPROVAL	08/15/2023 PLAN DATE	R-60-J	SHEET 5 OF 16	

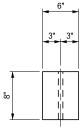






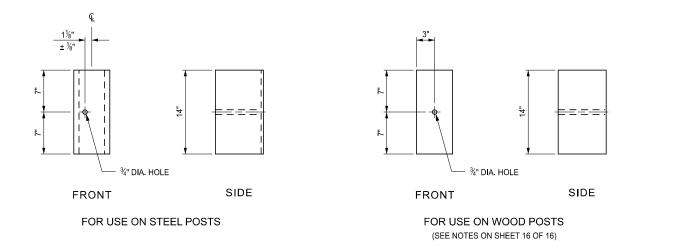
BLOCK AND POST CONNECTION DETAILS





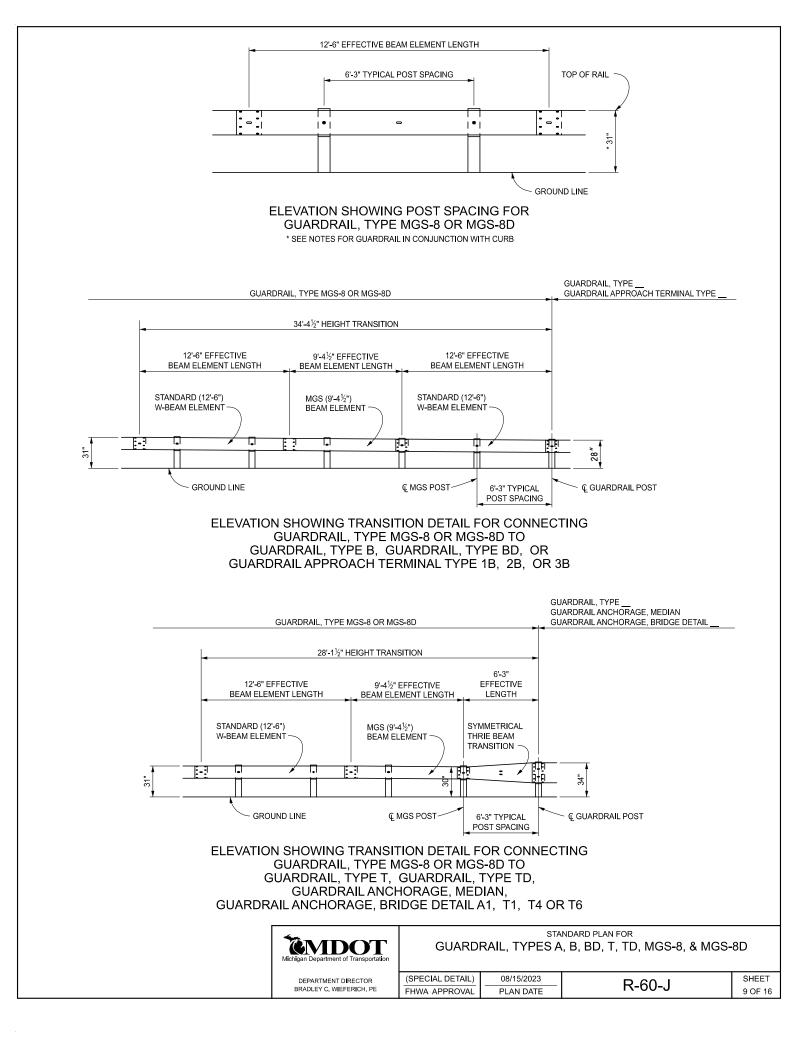
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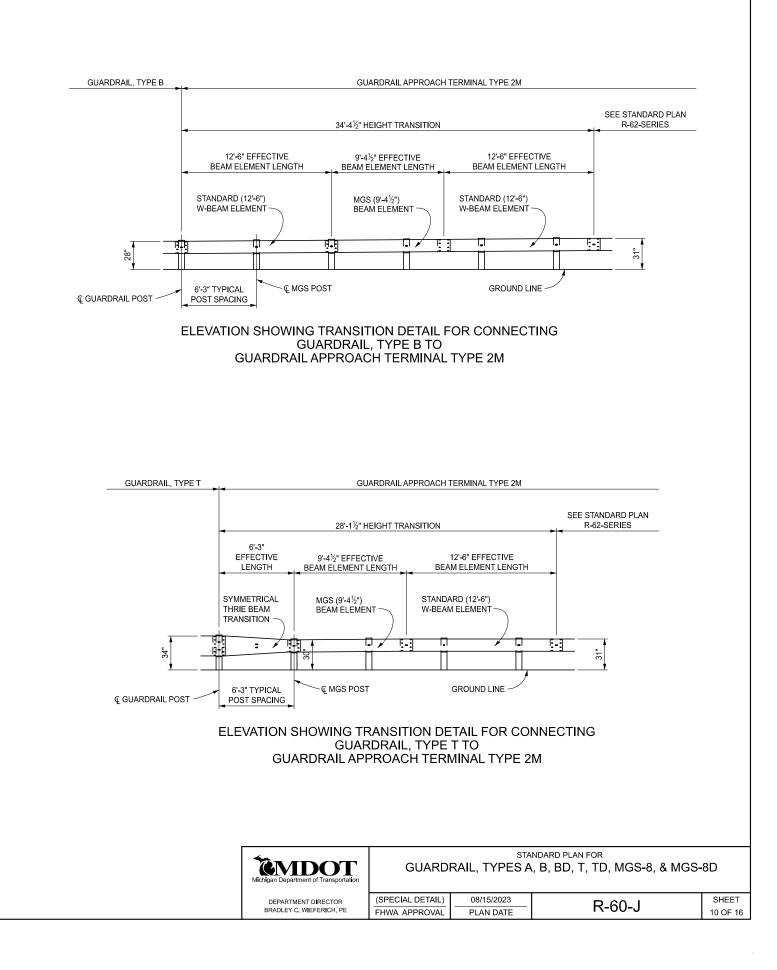
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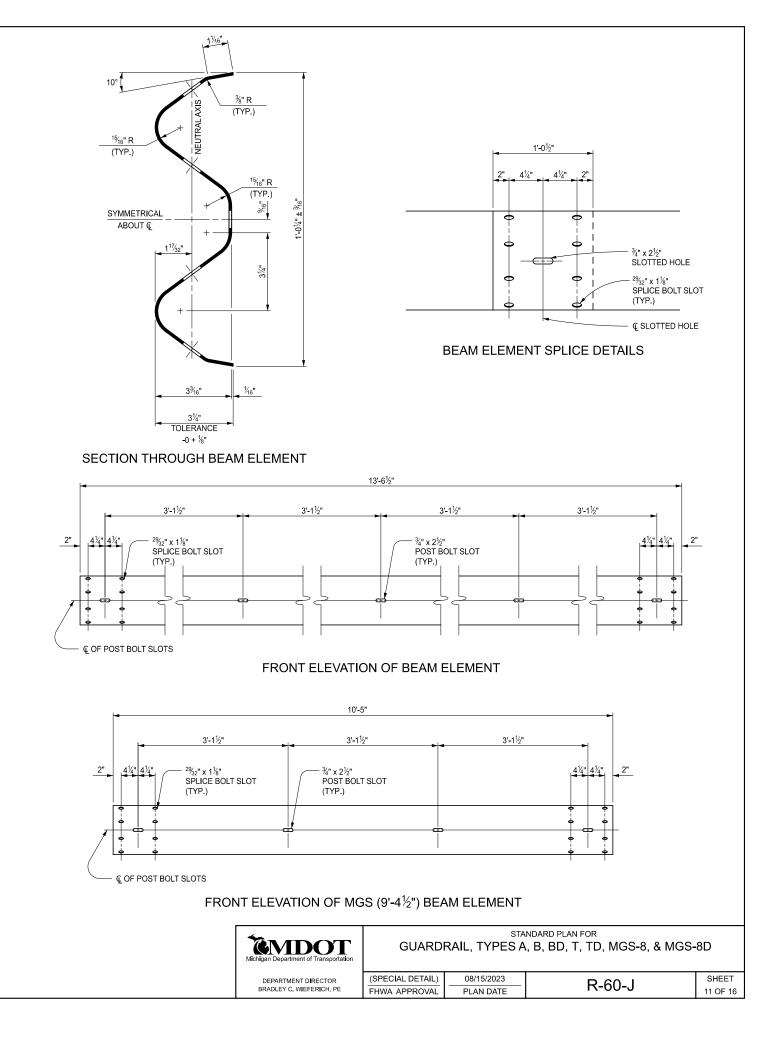


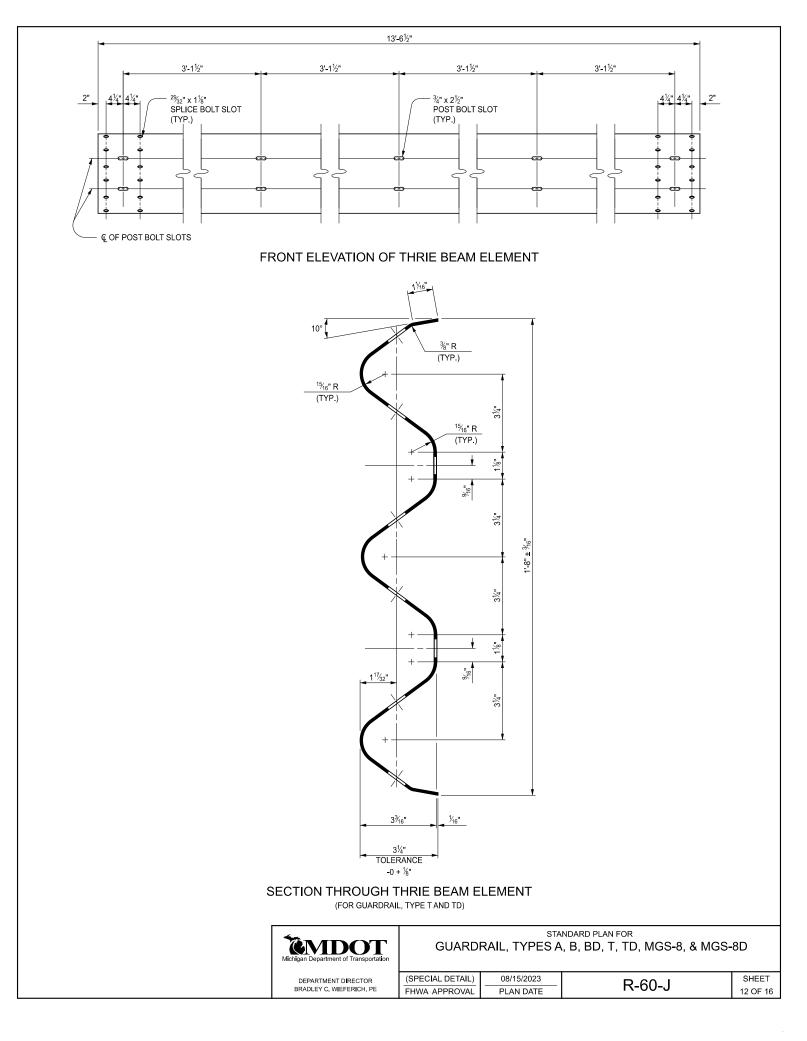
WOOD OFFSET BLOCKS FOR GUARDRAIL, TYPE MGS-8 AND TYPE MGS-8D

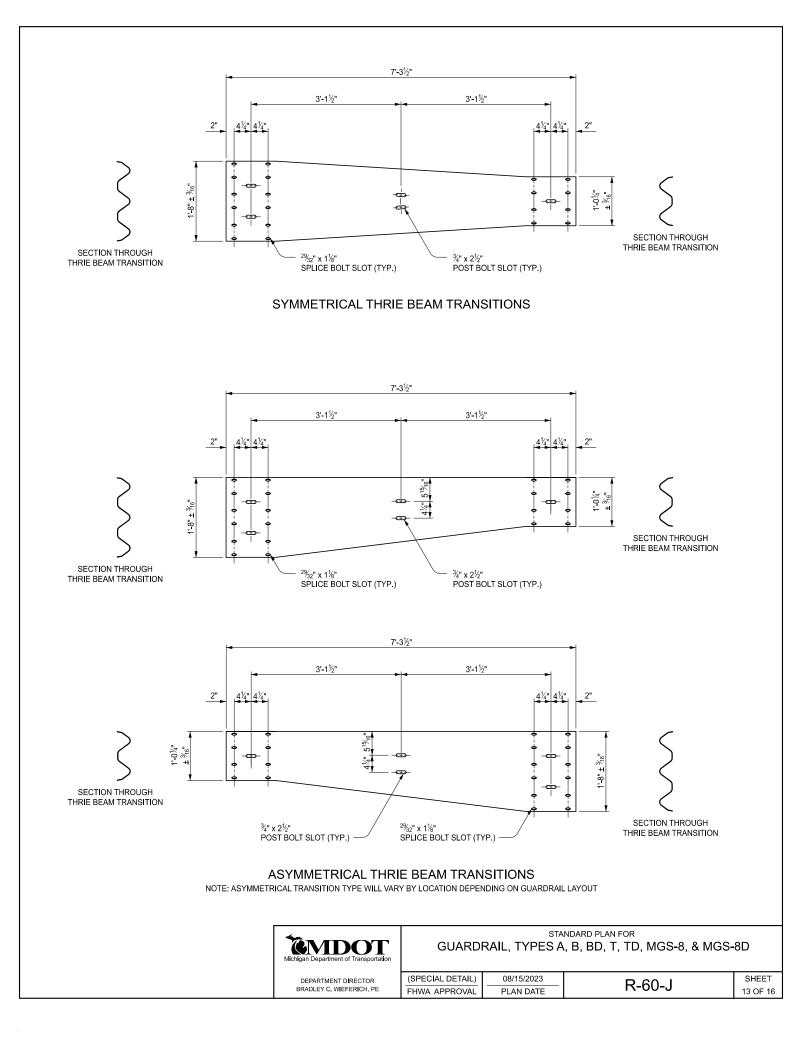
Michigan Department of Transportation	STANDARD PLAN FOR GUARDRAIL, TYPES A, B, BD, T, TD, MGS-8, & MGS-8D				
DEPARTMENT DIRECTOR	(SPECIAL DETAIL)	08/15/2023	R-60-J	SHEET	
BRADLEY C. WIEFERICH, PE	FHWA APPROVAL	PLAN DATE	K-00-J	8 OF 16	

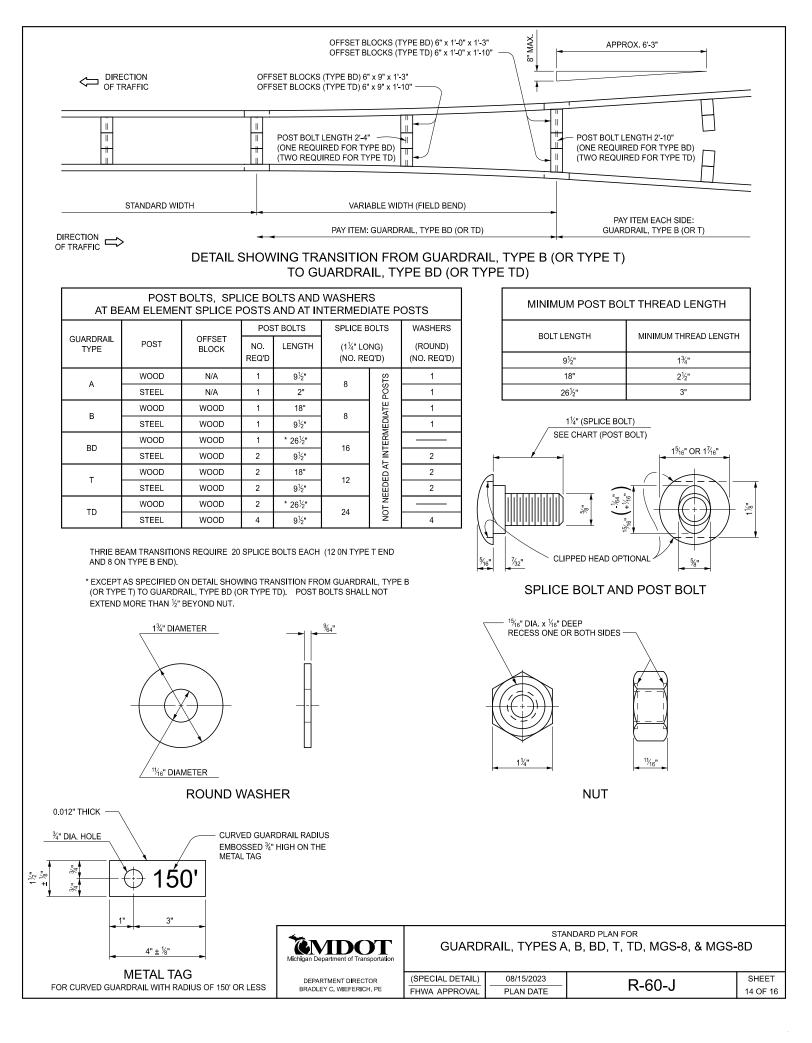


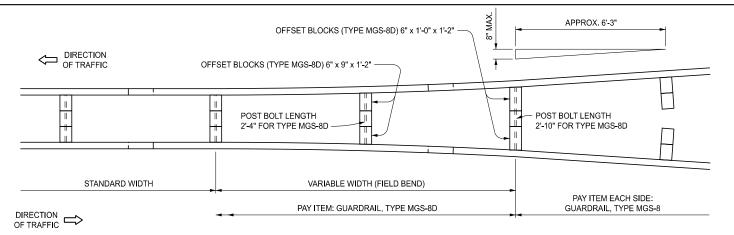












DETAIL SHOWING TRANSITION FROM GUARDRAIL, TYPE MGS-8 TO GUARDRAIL, TYPE MGS-8D

	POST BOLTS, SPLICE BOLTS AND WASHERS AT BEAM ELEMENT SPLICE POSTS AND AT INTERMEDIATE POSTS						
ſ	GUARDRAIL TYPE	POST	OFFSET BLOCK	POST BOLTS		SPLICE BOLTS	WASHERS
				NO. REQ'D	LENGTH	(1¼" LONG) (NO. REQ'D)	(ROUND) (NO. REQ'D)
ſ	MGS-8	WOOD	WOOD	1	18"	8	1
L		STEEL	WOOD	1	9½"	0	1
ſ	MGS-8D	WOOD	WOOD	1	* 26½"	16	
		STEEL	WOOD	2	9½"	01	2

THRIE BEAM TRANSITIONS REQUIRE 20 SPLICE BOLTS EACH (12 $\rm 0N$ TYPE T END AND 8 ON TYPE MGS END).

* EXCEPT AS SPECIFIED ON DETAIL SHOWING TRANSITION FROM GUARDRAIL, TYPE MGS-8 TO GUARDRAIL, TYPE MGS-8D POST BOLTS SHALL NOT EXTEND MORE THAN $\frac{1}{2}^{\rm o}$ BEYOND NUT.

MINIMUM POST BOLT THREAD LENGTH

BOLT LENGTH	MINIMUM THREAD LENGTH		
9½"	1¾"		
18"	2½"		
26½"	3"		

Michigan Department of Transportation	STANDARD PLAN FOR GUARDRAIL, TYPES A, B, BD, T, TD, MGS-8, & MGS-8D					
DEPARTMENT DIRECTOR	(SPECIAL DETAIL)	08/15/2023	R-60-J	SHEET		
BRADLEY C. WIEFERICH, PE	FHWA APPROVAL	PLAN DATE	K-00-J	15 OF 16		

