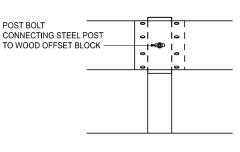
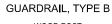
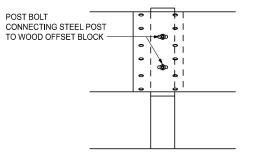


GUARDRAIL, TYPE T STEEL POST





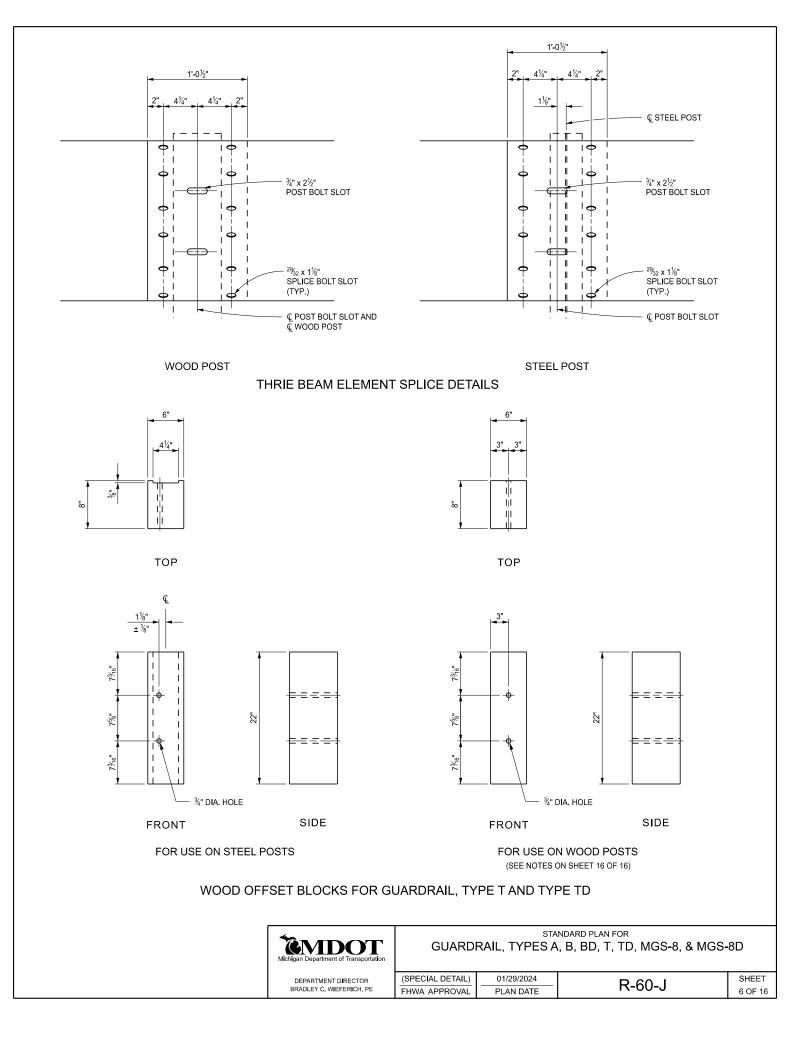


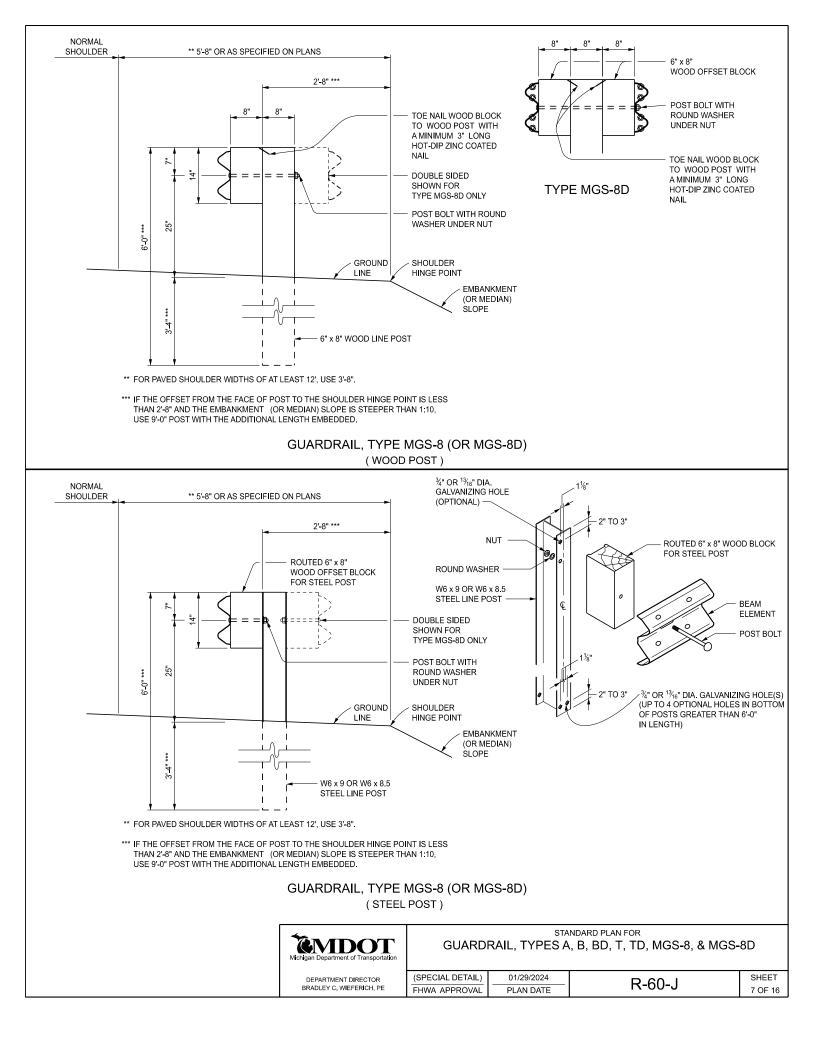


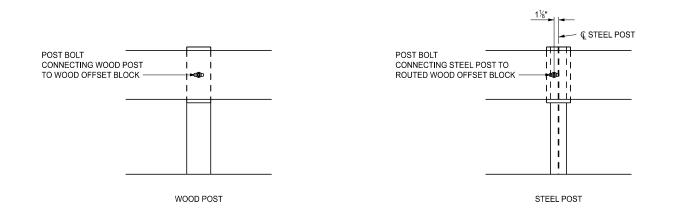
GUARDRAIL, TYPE T WOOD POST

BLOCK AND POST CONNECTION DETAILS

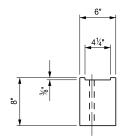
Michigan Department of Transportation		STANDARD PLAN FOR GUARDRAIL, TYPES A, B, BD, T, TD, MGS-8, & MGS-8D				
DEPARTMENT DIRECTOR	(SPECIAL DETAIL)	01/29/2024	R-60-J	SHEET		
BRADLEY C. WIEFERICH, PE	FHWA APPROVAL	PLAN DATE	R-00-J	5 OF 16		

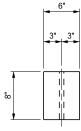






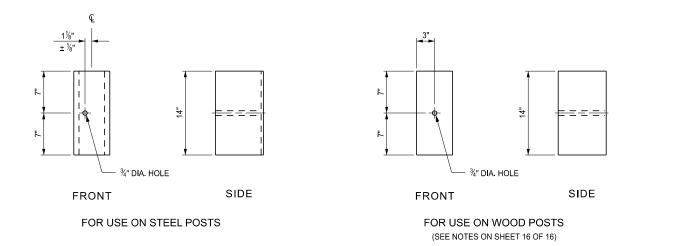
## BLOCK AND POST CONNECTION DETAILS





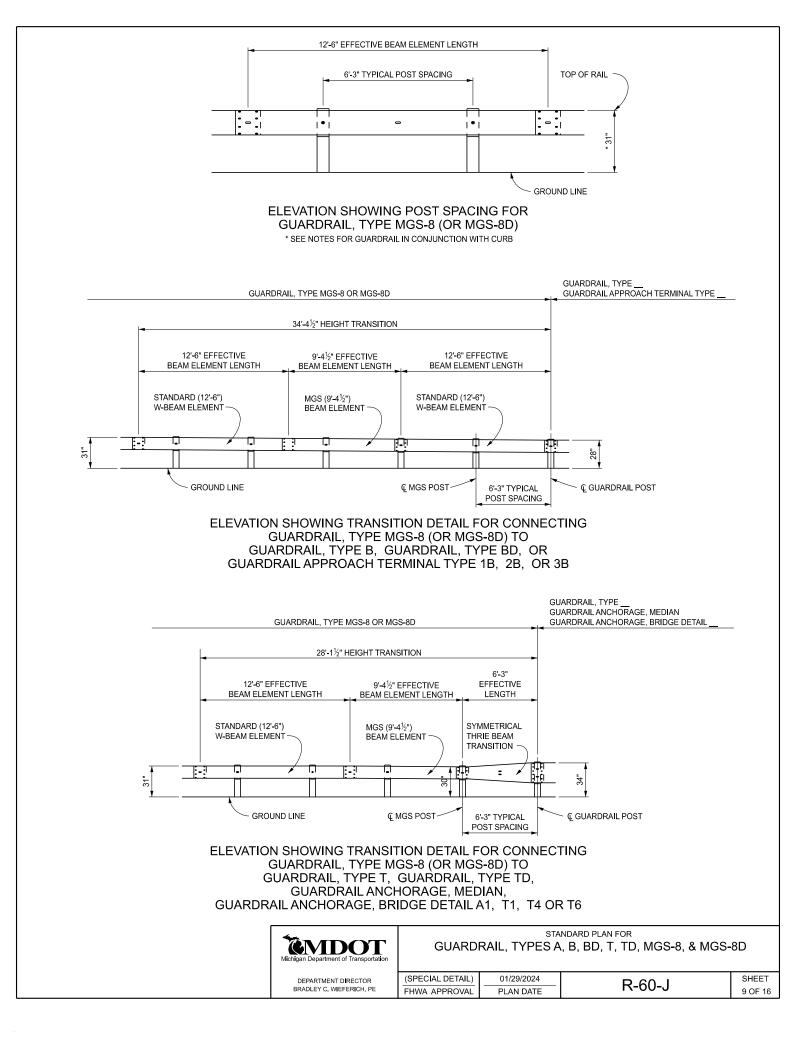
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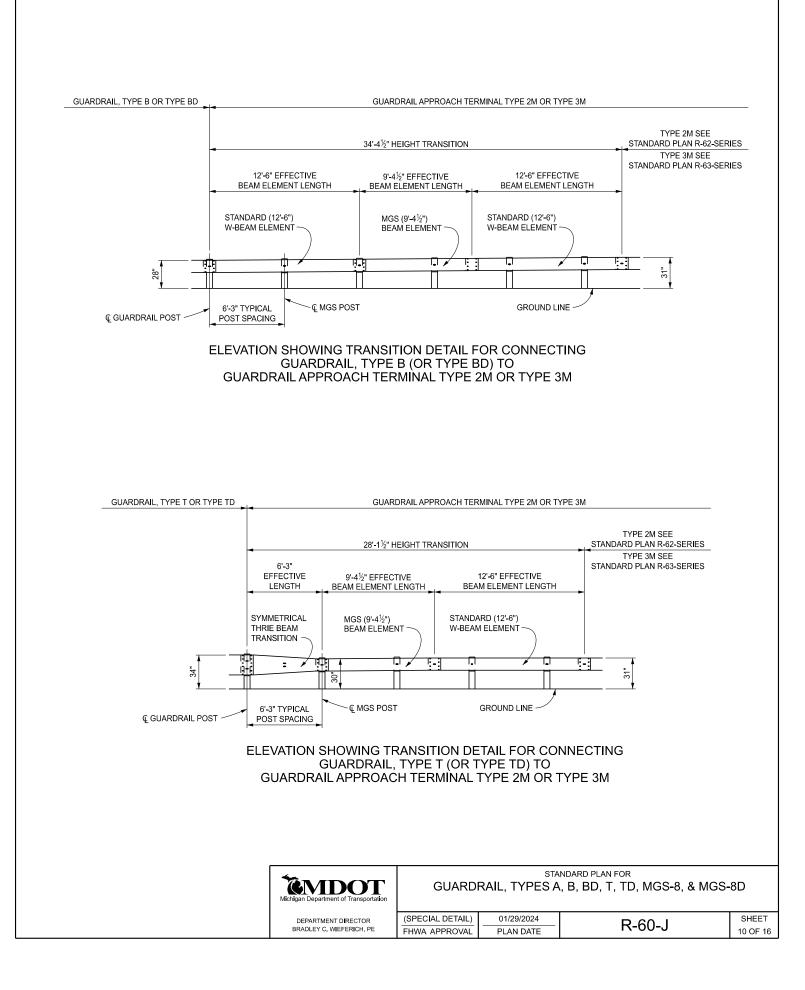
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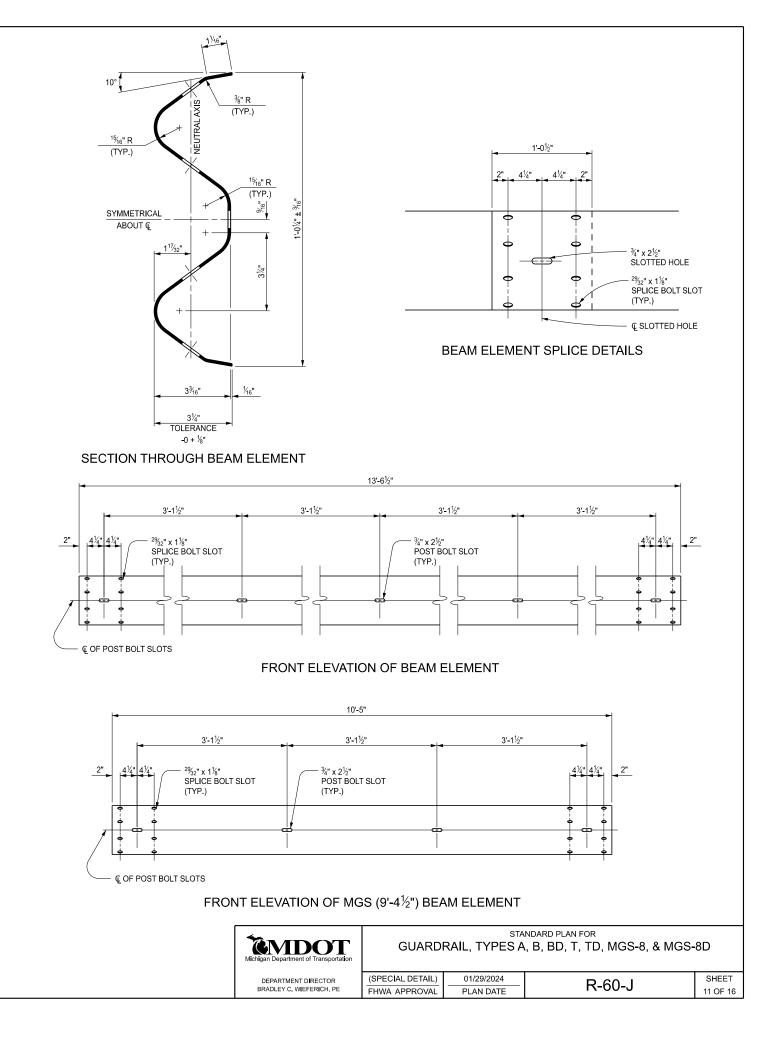


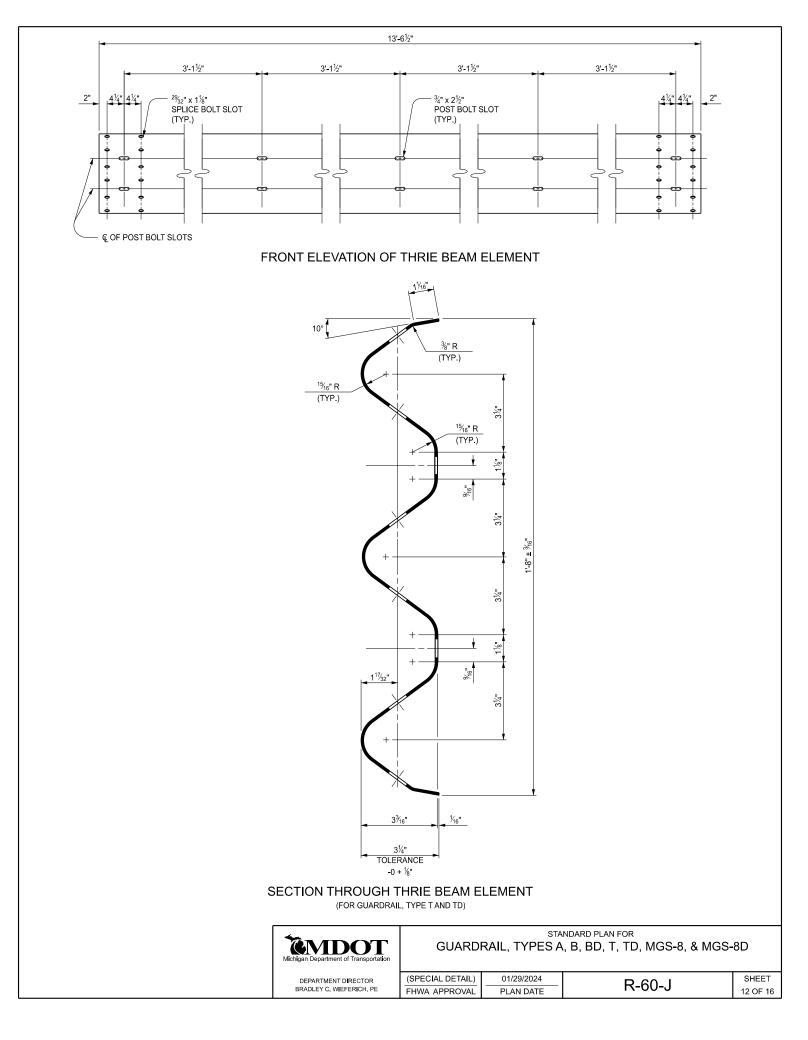
## WOOD OFFSET BLOCKS FOR GUARDRAIL, TYPE MGS-8 AND TYPE MGS-8D

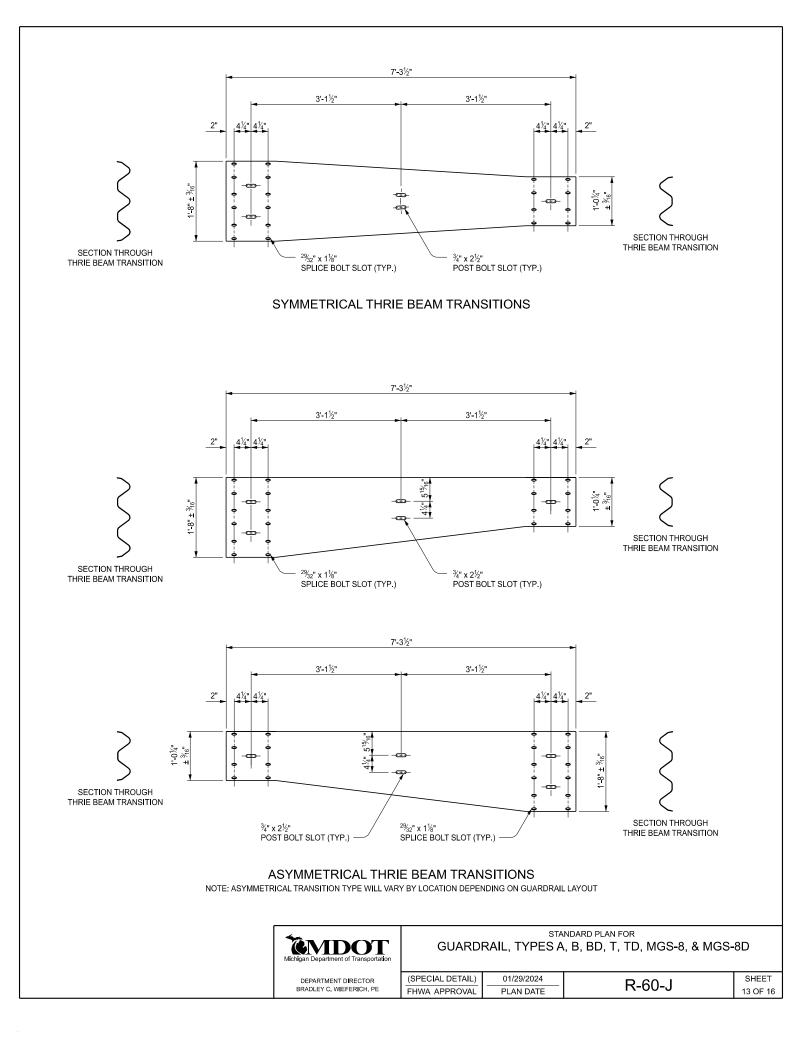
Michigan Department of Transportation	STANDARD PLAN FOR GUARDRAIL, TYPES A, B, BD, T, TD, MGS-8, & MGS-8D				
DEPARTMENT DIRECTOR	(SPECIAL DETAIL)	01/29/2024	R-60-J	SHEET	
BRADLEY C. WIEFERICH, PE	FHWA APPROVAL	PLAN DATE	<u>r-00-</u> J	8 OF 16	

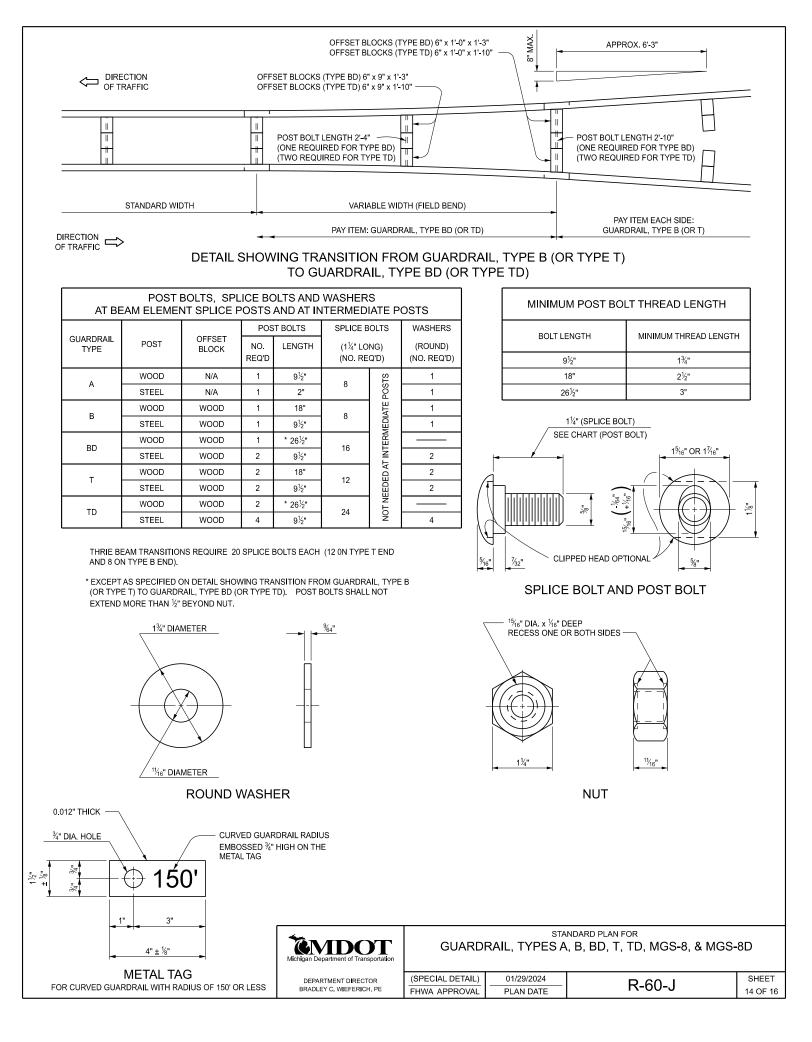


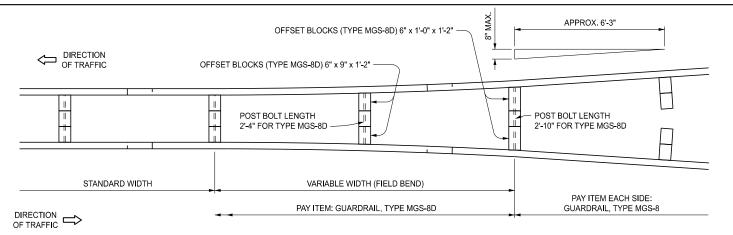












## DETAIL SHOWING TRANSITION FROM GUARDRAIL, TYPE MGS-8 TO GUARDRAIL, TYPE MGS-8D

	POST BOLTS, SPLICE BOLTS AND WASHERS AT BEAM ELEMENT SPLICE POSTS AND AT INTERMEDIATE POSTS						
Γ				POST BOLTS		SPLICE BOLTS	WASHERS
	GUARDRAIL TYPE	POST	OFFSET BLOCK	NO. REQ'D	LENGTH	(1¼" LONG) (NO. REQ'D)	(ROUND) (NO. REQ'D)
Γ	MGS-8	WOOD	WOOD	1	18"	8	1
		STEEL	WOOD	1	9½"		1
	MGS-8D	WOOD	WOOD	1	* 26½"	- 16	
		STEEL	WOOD	2	9½"		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)	01/29/2024	R-60-J	SHEET	
BRADLEY C. WIEFERICH, PE	FHWA APPROVAL	PLAN DATE	R-00-J	15 OF 16	

