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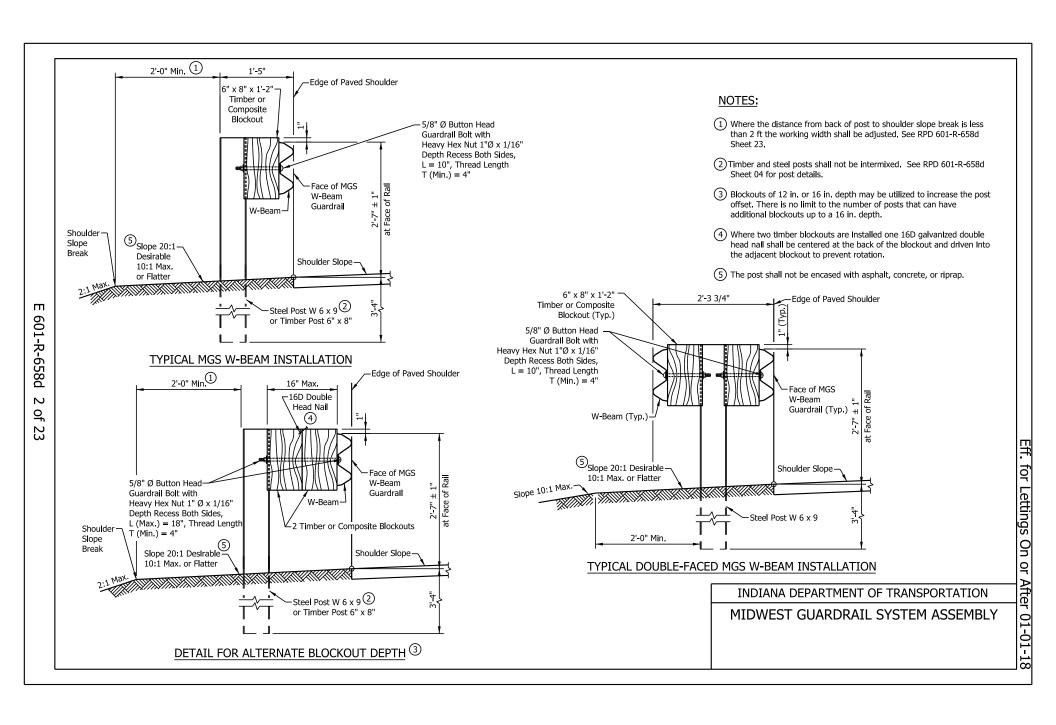
INDEX				
SHEET NO.	SUBJECT			
1	Midwest Guardrail System Assembly Index and General Notes			
2 - 5	Midwest Guardrail System Assembly			
6 - 7	Midwest Guardrail System Assembly, Omitted Post			
8 - 9	Midwest Guardrail System Assembly, Long-Span			
10	Midwest Guardrail System Assembly, Structure Top-Mounted Post			
11	Midwest Guardrail System Assembly, Guardrail Transition with Curb			
12	Midwest Guardrail System Assembly, Guardrail Transition without Curb			
13 - 15	Midwest Guardrail System Assembly, Guardrail Transition			
16	Midwest Guardrail System Assembly, Guardrail Height Transition			
17 - 22	Midwest Guardrail System Assembly, Cable Terminal Anchor System			
23	Midwest Guardrail System Assembly, Working Width			

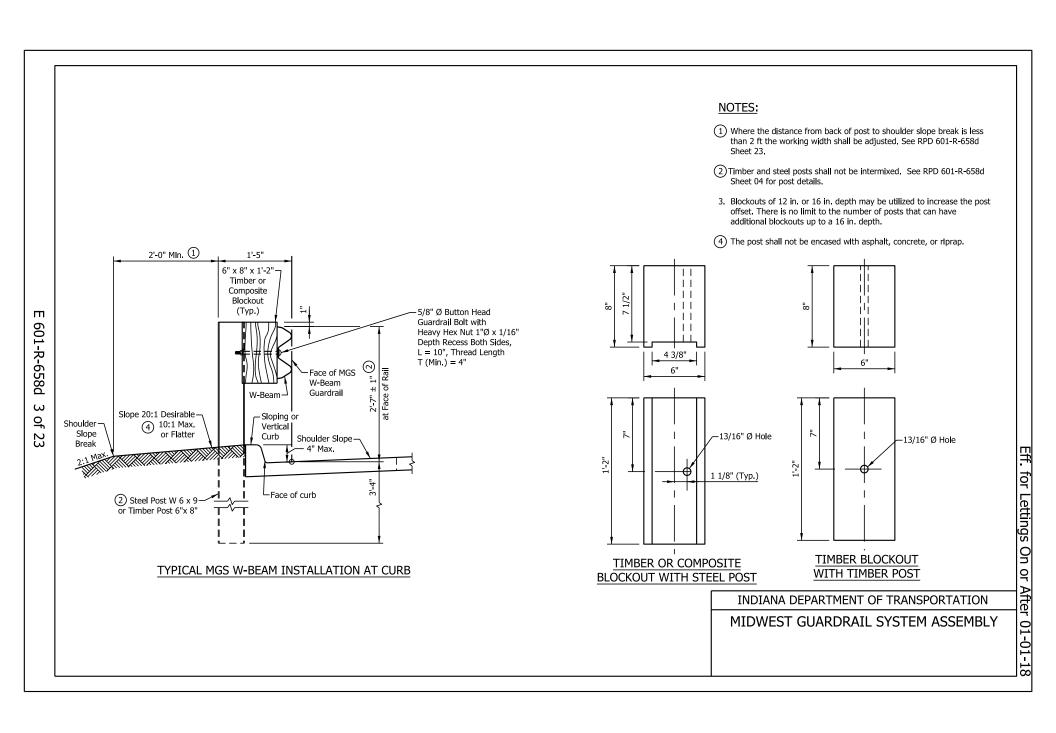
GENERAL NOTES:

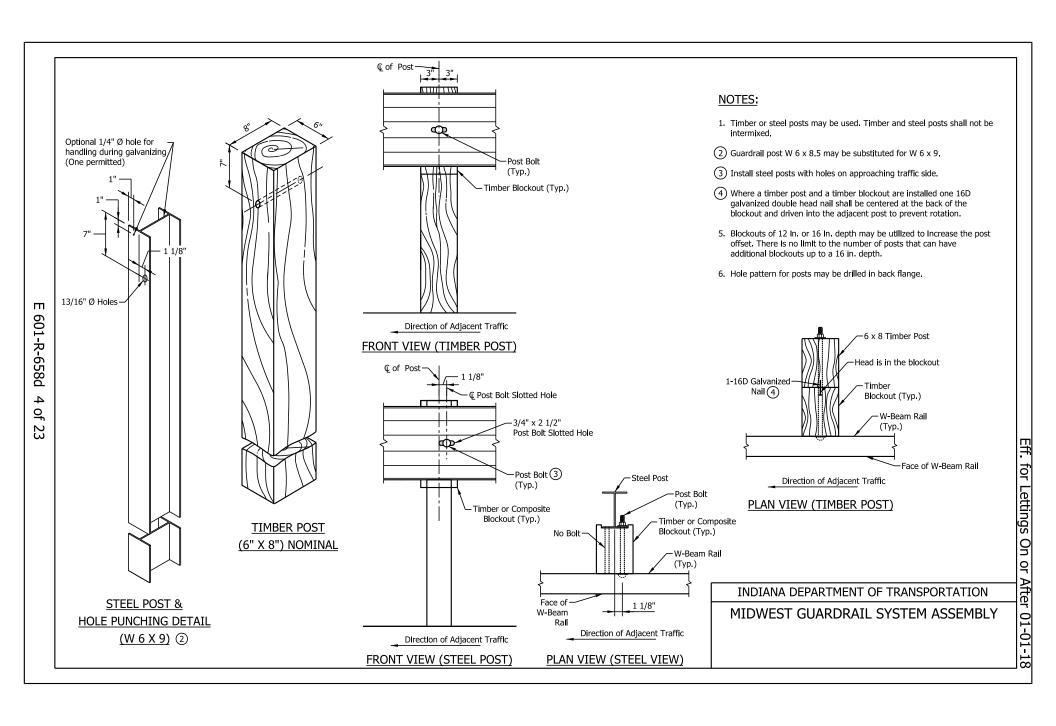
- The Midwest Guardrall System (MGS) is a steel or timber post w-beam guardrail semi-rigid longitudinal barrier system. The standard post length for MGS w-beam guardrail shall be 6 ft, unless noted otherwise.
- MGS w-beam guardrail, omitted post, long-span, structure top-mount, guardrail transition, and cable terminal anchor are MASH TL-3 compliant.
- 3. Guardrail post W 6 x 8.5 may be substituted for W 6 x 9.

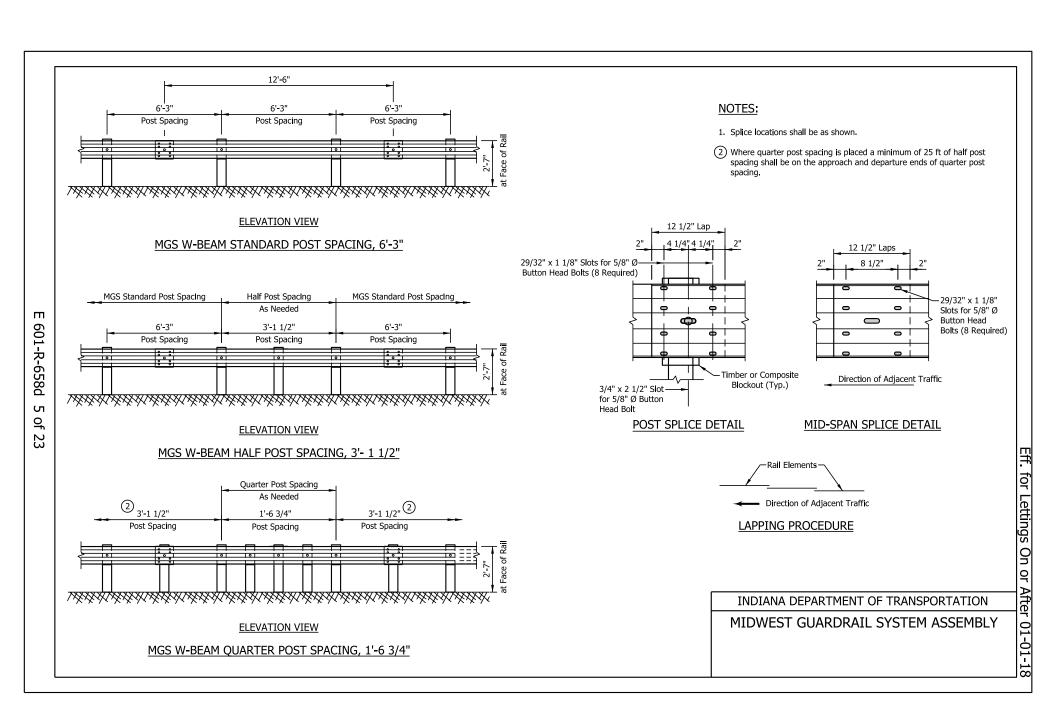
INDIANA DEPARTMENT OF TRANSPORTATION

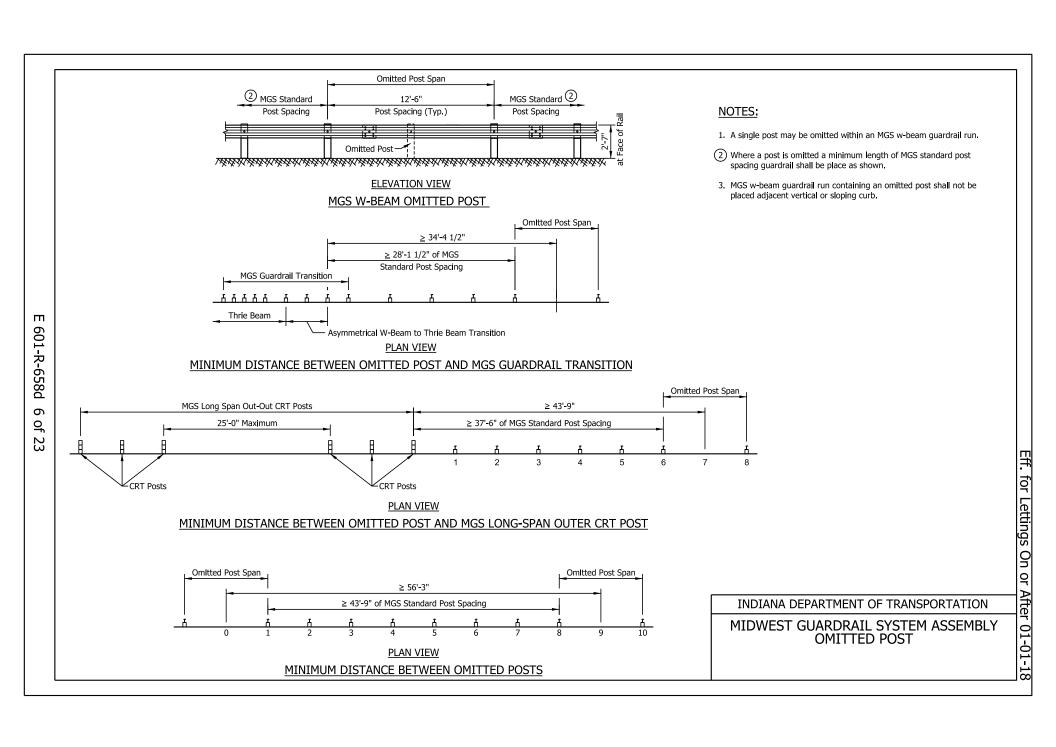
MIDWEST GUARDRAIL SYSTEM ASSEMBLY INDEX AND GENERAL NOTES





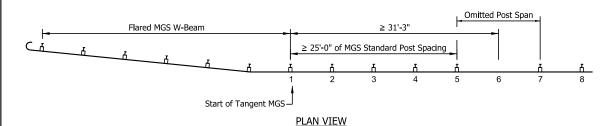




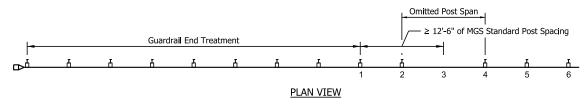




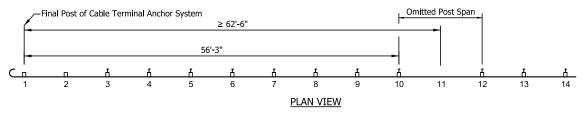




MINIMUM DISTANCE BETWEEN OMITTED POST AND FLARED MGS W-BEAM



MINIMUM DISTANCE BETWEEN OMITTED POST AND GUARDRAIL END TREATMENT



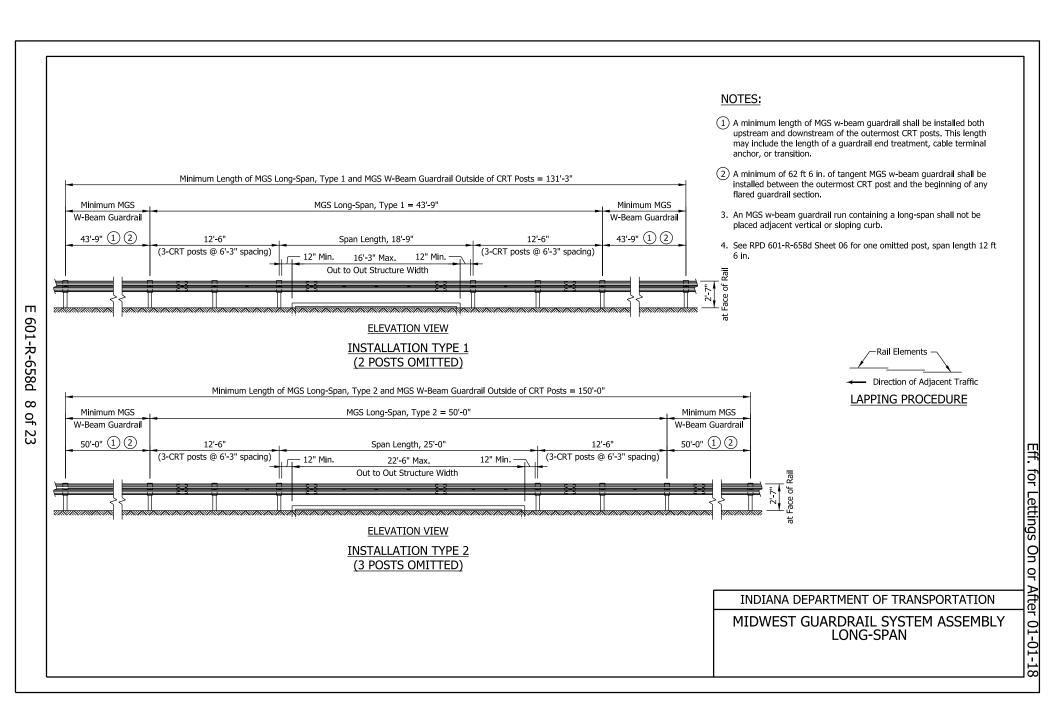
MINIMUM DISTANCE BETWEEN OMITTED POST AND MGS CABLE TERMINAL ANCHOR SYSTEM

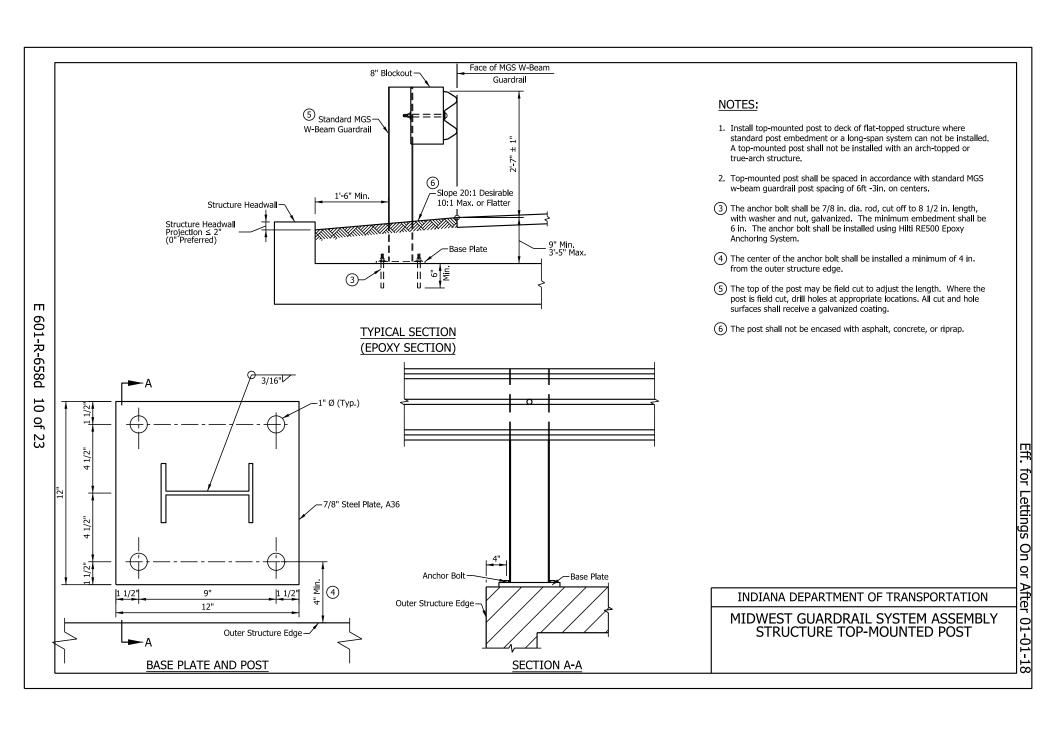
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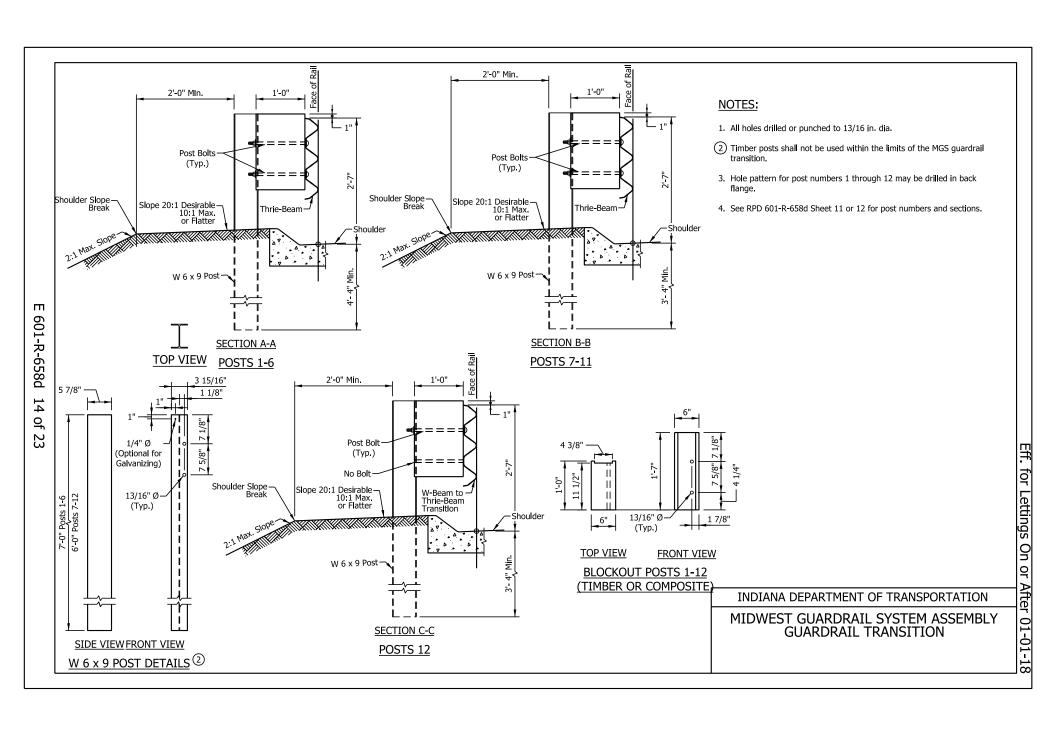
- 1. A single post may be omitted within an MGS w-beam guardrail run. See RPD 601-R-658d Sheet 06.
- 2. Where a post is omitted a minimum length of MGS standard post spacing quardrail shall be place as shown.
- 3. MGS w-beam guardrail run containing an omitted post shall not be placed adjacent vertical or sloping curb.

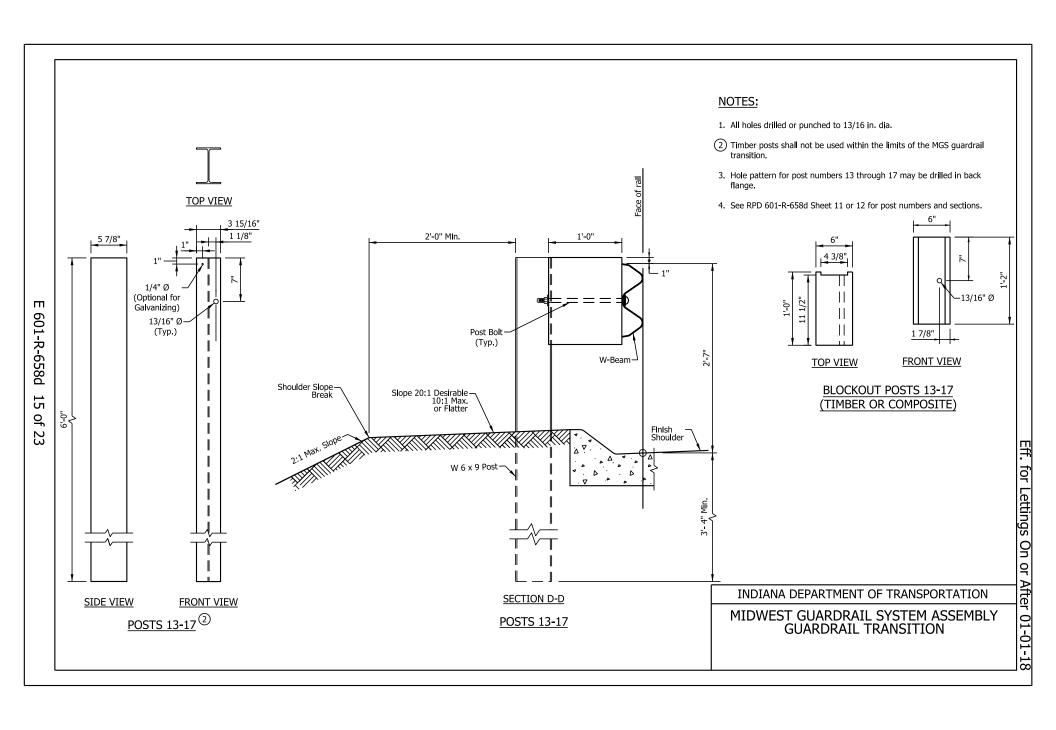
INDIANA DEPARTMENT OF TRANSPORTATION

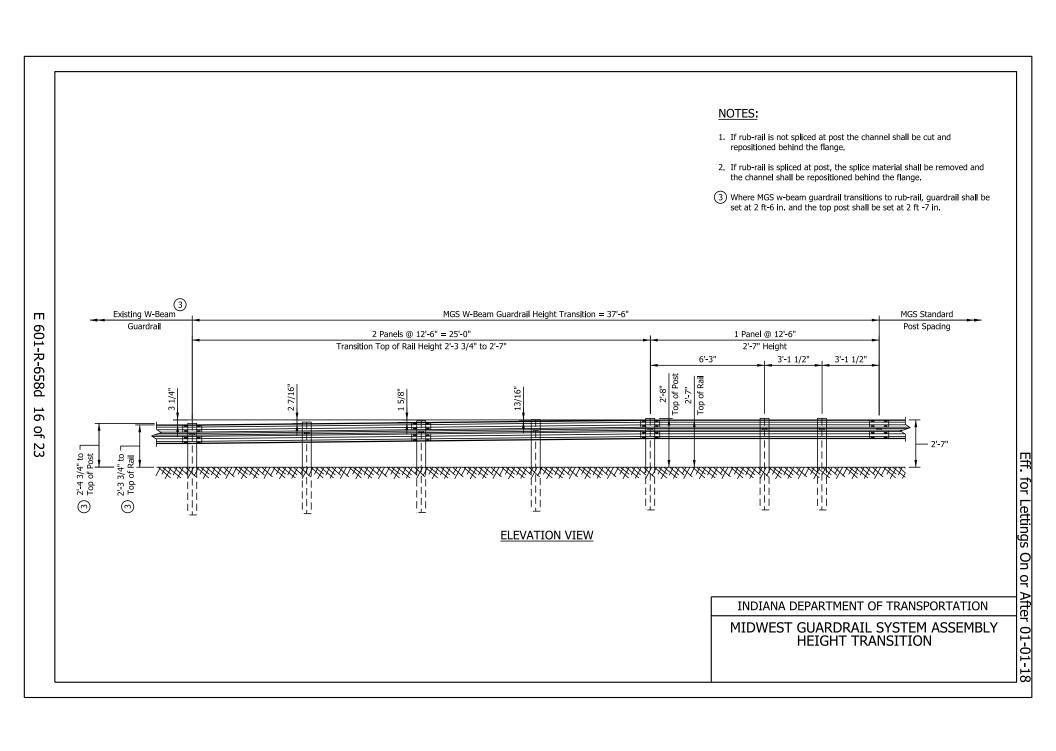
MIDWEST GUARDRAIL SYSTEM ASSEMBLY OMITTED POST

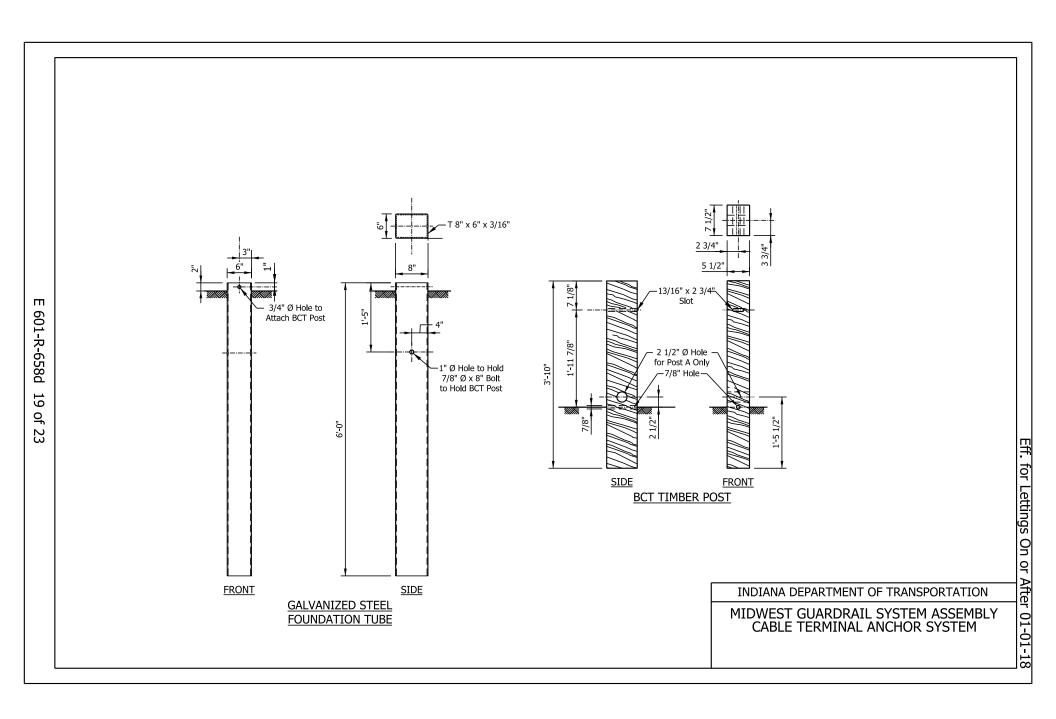












NOTES:

- 1. Guardrail placement shall consider working width.
- Working width assumes an 8-in, blockout. Where a deeper blockout is used, the working width shall be adjusted to include the additional depth.
- 3 Distance between the back of post and inside face of structure headwall.
- (4) See RPD 601-R-658d Sheet 09 for the distance between front face of MSG Long-Span and inside face of structure headwall.

Guardrail Type	Post Spacing	D	Working Width
MGS W-Beam Standard	6'-3"	2 ft	5.0 ft
MGS W-Beam Standard w/Omitted Post	6'-3"	2 ft	5.0 ft
MGS W-Beam Standard	6'-3"	< 2 ft	6.5 ft
MGS W-Beam Half Post Spacing	3'-1 1/2"	2 ft	4.5 ft
MGS W-Beam Quarter Post Spacing	1'-6 3/4"	2 ft	4.0 ft
MGS Long-Span	Varies	4	8.0 ft
MGS Structure Top-Mount Post	6'-3"	1.5 ft ③	4.2 ft

INDIANA DEPARTMENT OF TRANSPORTATION

Eff. for Lettings On or After 01-01-18

MIDWEST GUARDRAIL SYSTEM ASSEMBLY WORKING WIDTH