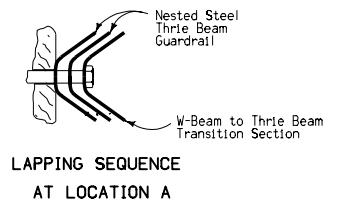
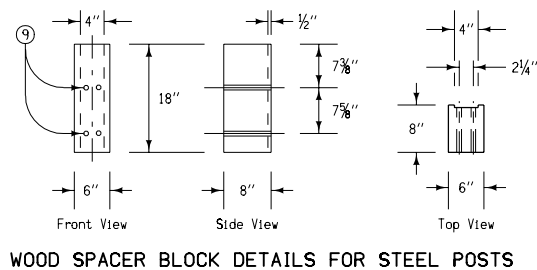
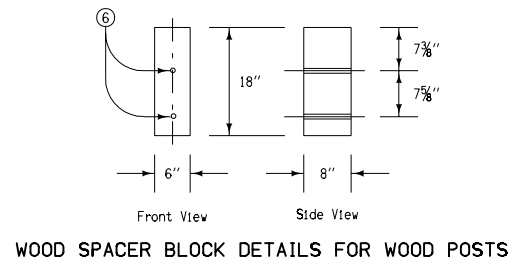
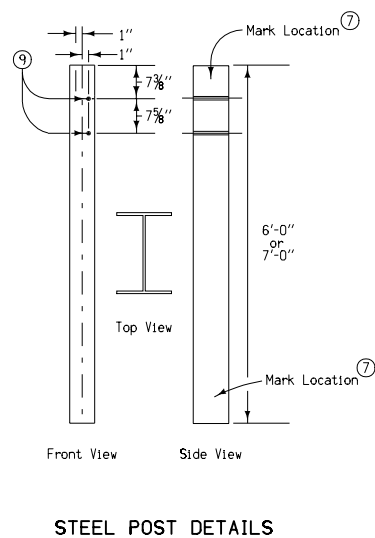
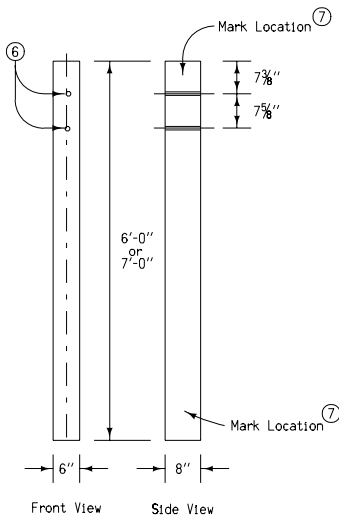
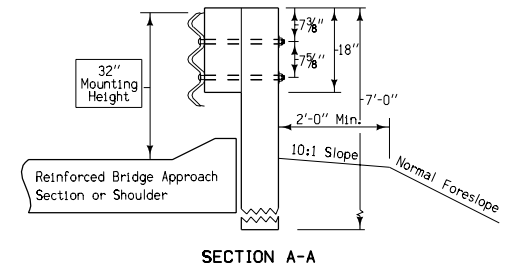
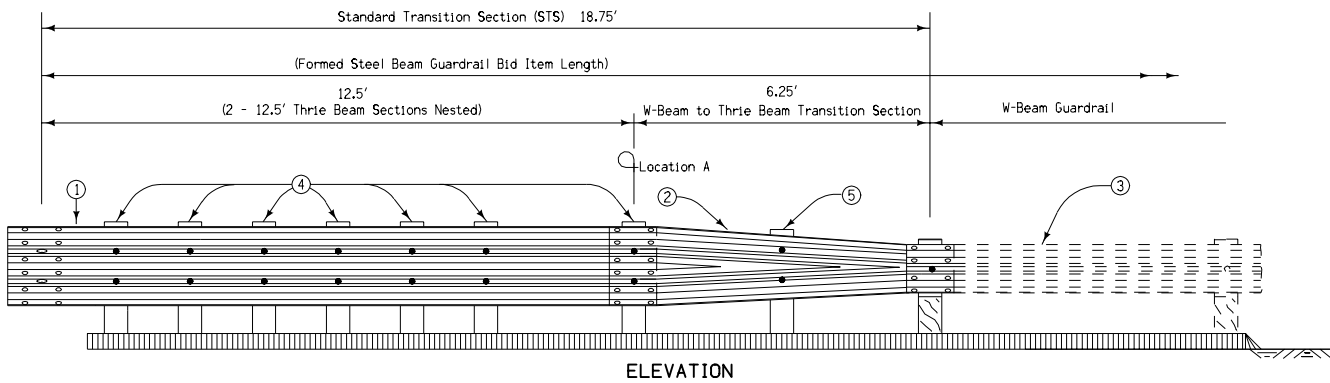


- ① Formed Steel Thrie Beam Guardrail; refer to Standard Road Plan RE-12B.
- ② W-Beam to Thrie Beam Transition Section; refer to Standard Road Plan RE-2B.
- ③ Formed Steel W-Beam Guardrail; Refer to Standard Road RE-12A.
- ④ 7'-0" long Post with Wood Spacer Block. Steel or wood post may be used at Contractor's option.
- ⑤ 6'-0" long Post with Wood Spacer Block. Steel or wood post may be used at Contractor's option.
- ⑥ 3/4" round holes in Wood Post and Wood Spacer Block. Refer to Standard Road Plan RE-12B for Details of Hardware.
- ⑦ All 7' posts shall be marked at both ends with (1) the post length, and (2) the supplier or manufacturer.
- ⑧ Use 6" X 8" X 18" Wood Spacer Block, placed flush with the top of the post.
- ⑨ 13/16" round holes in Steel Post and Wood Spacer Block. Refer to Standard Road Plan RE-12C for Details of Hardware.



Iowa Department of Transportation Highway Division	
<b>STANDARD ROAD PLAN RE-68</b>	
REVISION: Place Bolts So They Line up Vertically (Steel Posts and Spacer Blocks).	REVISION NO. 9
<i>William J. Stein</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 10-19-04
<b>STEEL BEAM GUARDRAIL          STANDARD TRANSITION SECTION          (STS)</b>	