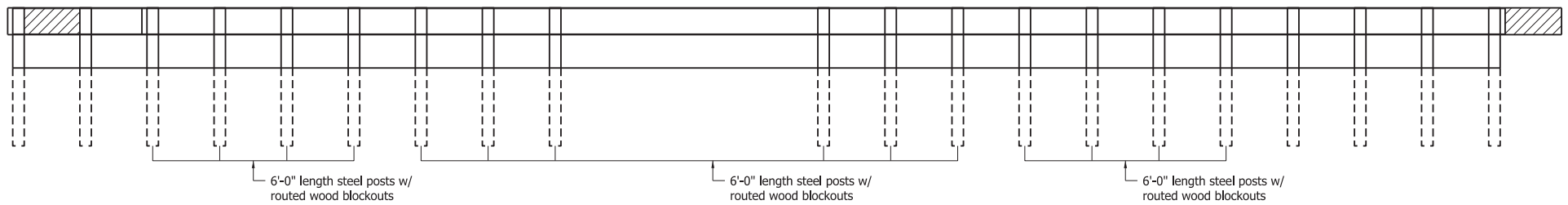


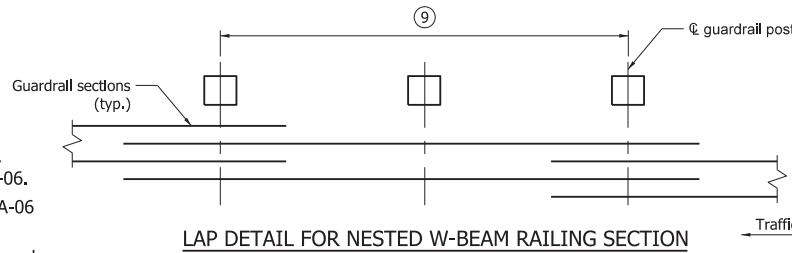
PLAN



ELEVATION

NOTES:

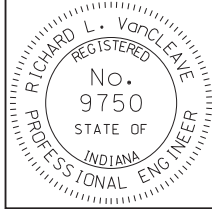
- ② For two-lane two-way operation, use GRET type OS. For structure width > 24'-3", provide three additional spans of standard W-beam guardrail at 6'-3" each before attaching the GRET.
- ③ For multi-lane divided operation, use cable terminal, anchor, See Standard Drawing E 601-GCTA-01 through E 601-GCTA-06.
- 4. See Standard Drawings E 601-GRET-10, 11 and E 601-WBGA-06 for GRET Type II details.
- 5. See Standard Drawings E 601-NWGA-02, 03 and 04 for post and block assemblies details.
- ⑥ Maximum structure width shall be 24'-3" out to out of structure(s) parallel to road centerline for skewed or perpendicular structure. In this case posts are not located over portion of structure.
- ⑦ Maximum structure width shall be 61'-0" out to out of structure(s) parallel to roadway centerline for skewed or perpendicular structure. Modified posts (5 through 10) over the structure where required, see Standard Drawing E 601-NWGA-03. The remaining wood posts shall be shown on Standard Drawing E 601-NWGA-02.

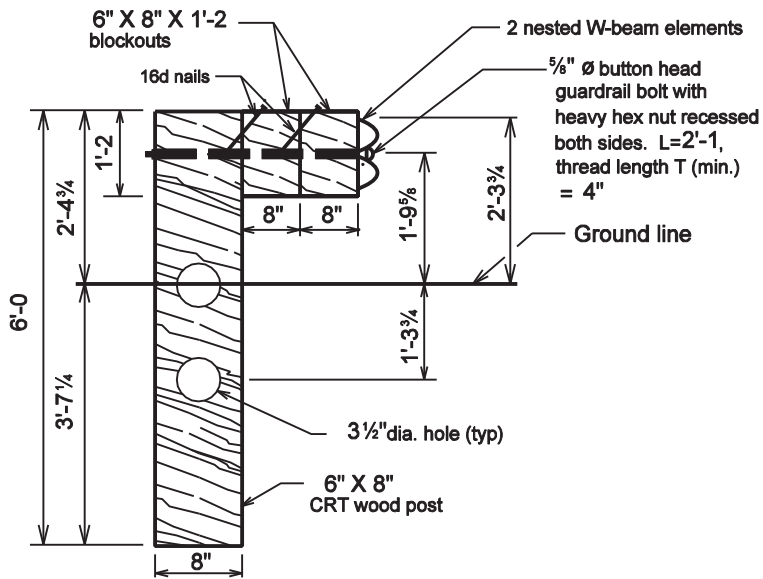


LAP DETAIL FOR NESTED W-BEAM RAILING SECTION

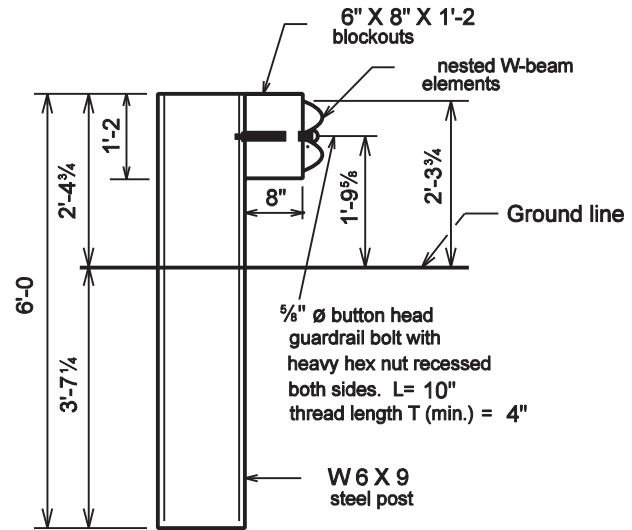
NOTES:

- ⑧ Post shall clear outer structure side by 4" min.
- ⑨ This dimension is 25'-0" between posts 7 and 8. The dimension is 12'-6" or 25'-0" elsewhere.
- 10. For grading requirements see Standard Drawings E 601-GRET-06 through 09 and E 601-GRET-12.

INDIANA DEPARTMENT OF TRANSPORTATION	
25'-0" SPAN NESTED GUARDRAIL FOR LARGE DRAINAGE STRUCTURE	
SEPTEMBER 2010	
STANDARD DRAWING NO.	E 601-NWGA-01
	/s/ <i>Richard L. VanCleave</i> 09/01/10 DESIGN STANDARDS ENGINEER DATE
DESIGN STANDARDS ENGINEER	/s/ <i>Mark A. Miller</i> 09/01/10 CHIEF HIGHWAY ENGINEER DATE

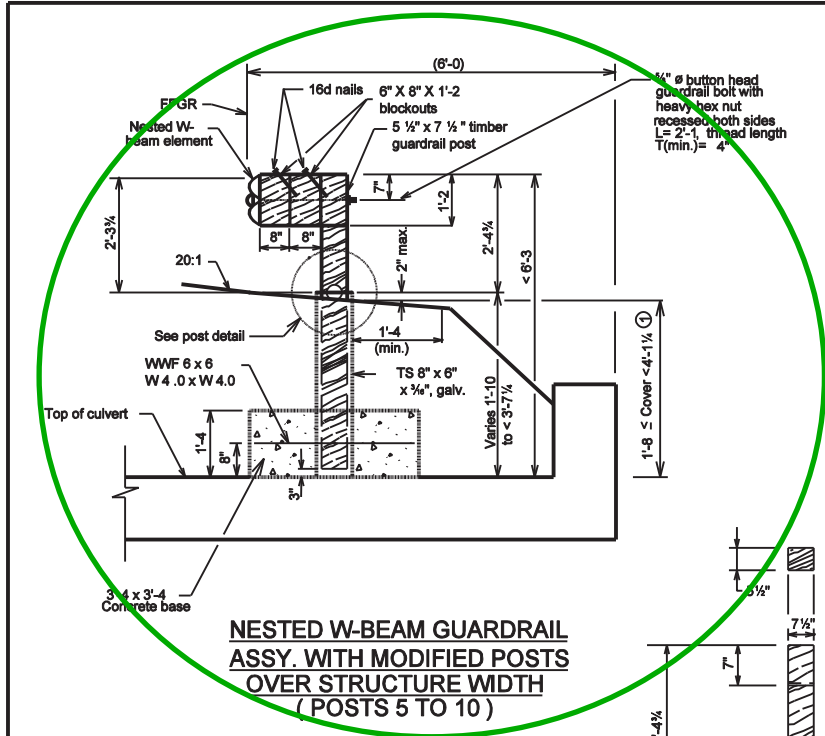


NESTED GUARDRAIL ASSEMBLY.
(Posts 5 to 10)

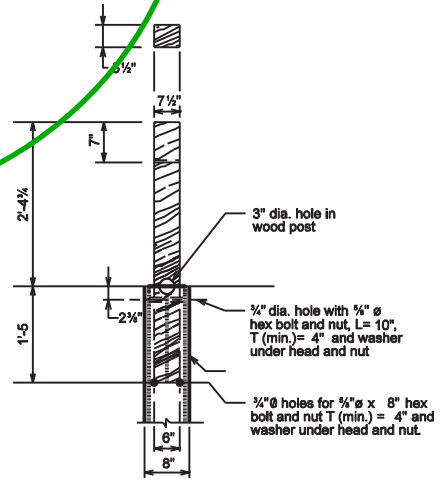


STEEL POST AND BLOCK FOR USE WITH NESTED GUARDRAIL ASSEMBLY
(Posts 1 to 4 and 11 to 14)

INDIANA DEPARTMENT OF TRANSPORTATION	
NESTED GUARDRAIL ASSY. FOR STRUCTURE WIDTH ≤ 24'-3	
SEPTEMBER 2001	
STANDARD DRAWING NO. E 601-NWGA-02	
	/s/ Richard L. VanCleave 9-04-01 DESIGN STANDARDS ENGINEER DATE
	/s/ Firouz Zandi 9-04-01 CHIEF HIGHWAY ENGINEER DATE



**NESTED W-BEAM GUARDRAIL
ASSY. WITH MODIFIED POSTS
OVER STRUCTURE WIDTH
(POSTS 5 TO 10)**

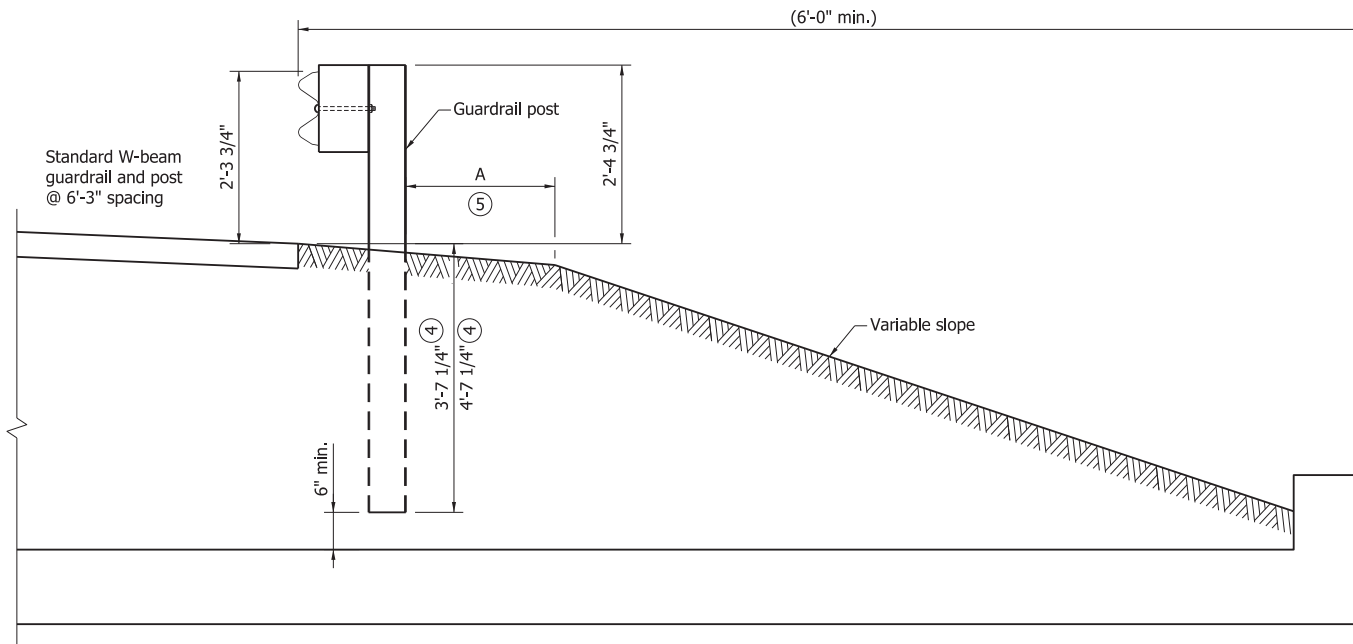


POST DETAIL

NOTES:

- ① Use modified guardrail posts.

INDIANA DEPARTMENT OF TRANSPORTATION	
GUARDRAIL ASSEMBLY FOR STRUCTURE WIDTH > 24'-3	
SEPTEMBER 2001	
STANDARD DRAWING NO. E 601-NWGA-03	
	<i>/s/ Richard L. VanCleave</i> 9-04-01 DESIGN STANDARDS ENGINEER DATE
	<i>/s/ Firouz Zandi</i> 9-04-01 CHIEF HIGHWAY ENGINEER DATE



**GUARDRAIL ASSEMBLY FOR COVER \geq 4'-1 1/4"
FOR ANY STRUCTURE WIDTH**

NOTES:

1. This drawing shall be used for any structure width provided cover over structure \geq 4'-1 1/4".
2. The 6'-0" length guardrail post shall be used if $4'-1 \frac{1}{4}" \leq$ cover \leq 5'-1 1/4".
3. The 7'-0" long guardrail post shall be used if cover $>$ 5'-1 1/4".
- ④ 3'-7 1/4" for 6'-0" length post and 4'-7 1/4" for 7'-0" length post.
- ⑤ A = 2'-0" for 6'-0" length post.
A = 0 (min.) for 7'-0" length post.

INDIANA DEPARTMENT OF TRANSPORTATION	
GUARDRAIL ASSEMBLY FOR ANY STRUCTURE WIDTH	
SEPTEMBER 2011	
STANDARD DRAWING NO.	E 601-NWGA-04
	<i>/s/ Richard L. VanCleave</i> 09/01/11
	DESIGN STANDARDS ENGINEER DATE
	<i>/s/ Mark A. Miller</i> 09/01/11
	CHIEF HIGHWAY ENGINEER DATE
DESIGN STANDARDS ENGINEER	