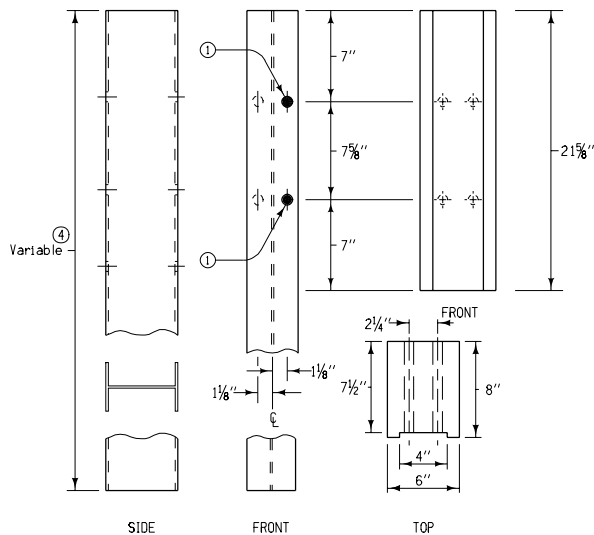
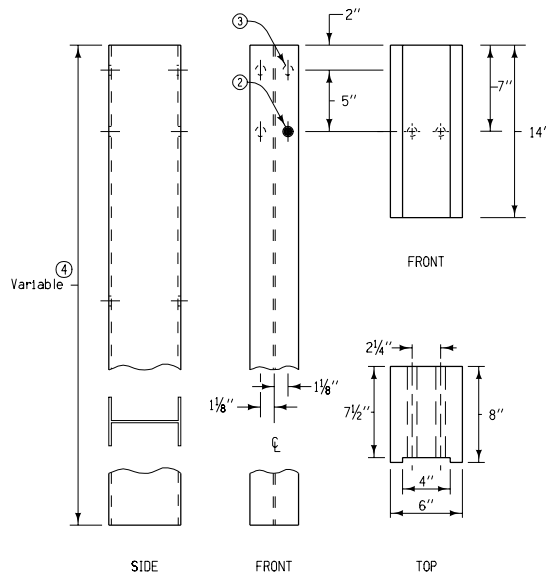




POST DETAILS
W6x9 or W6x8.5

All holes $\frac{13}{16}$ " diameter

FOR THRIE BEAM RAILING

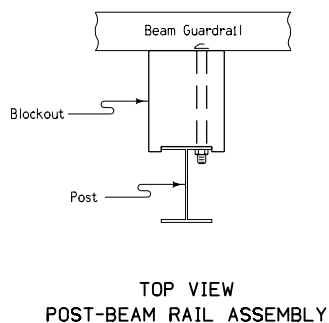


POST DETAILS
W6x9 or W6x8.5

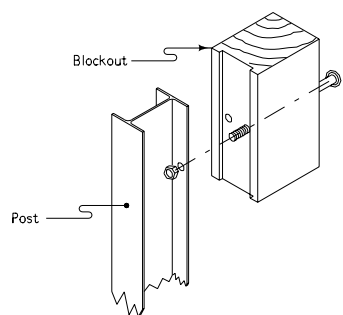
All holes $\frac{13}{16}$ " diameter

FOR W-BEAM RAILING

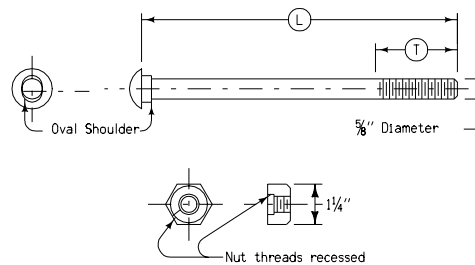
- ① Thrie Beam guardrail, spacer block and post to be attached with two Beam Rail Bolts.
- ② W-Beam guardrail, spacer blocks and post to be attached with one Beam Rail Bolt.
- ③ Optional for handling during galvanizing. All holes $\frac{13}{16}$ " diameter.
- ④ Post length 6'-0" when used in place of wood post on normal beam guardrail installation.



TOP VIEW
POST-BEAM RAIL ASSEMBLY



ISOMETRIC VIEW
(Rail and washer not shown; Two bolts required for Thrie Beam)



APPLICATION	T	L
Beam Rail Bolt	2 1/2"	10"

L = Length of Bolt T = Min. Thread
DETAILS OF HARDWARE

Iowa Department of Transportation Highway Division	
STANDARD ROAD PLAN RE-12C	
REVISION: Place Bolts So They Line Up Vertically (Thrie Beam); Delete Circle Notes 5 and 6.	REVISION NO. 8
APPROVED BY DESIGN METHODS ENGINEER <i>William J. Allen</i>	REVISION DATE 10-19-04
STEEL GUARDRAIL POST AND WOOD BLOCKOUTS	