

8 - 19  $\phi$  x 320 long round head bolts in 22  $\phi$  holes. (4 ea. rail) Holes are to be slotted as required for expansion

8 - 4.8  $\phi$  x 300 long round head bolts in 6  $\phi$  holes. (4 ea. rail) Holes are to be slotted as required for expansion.

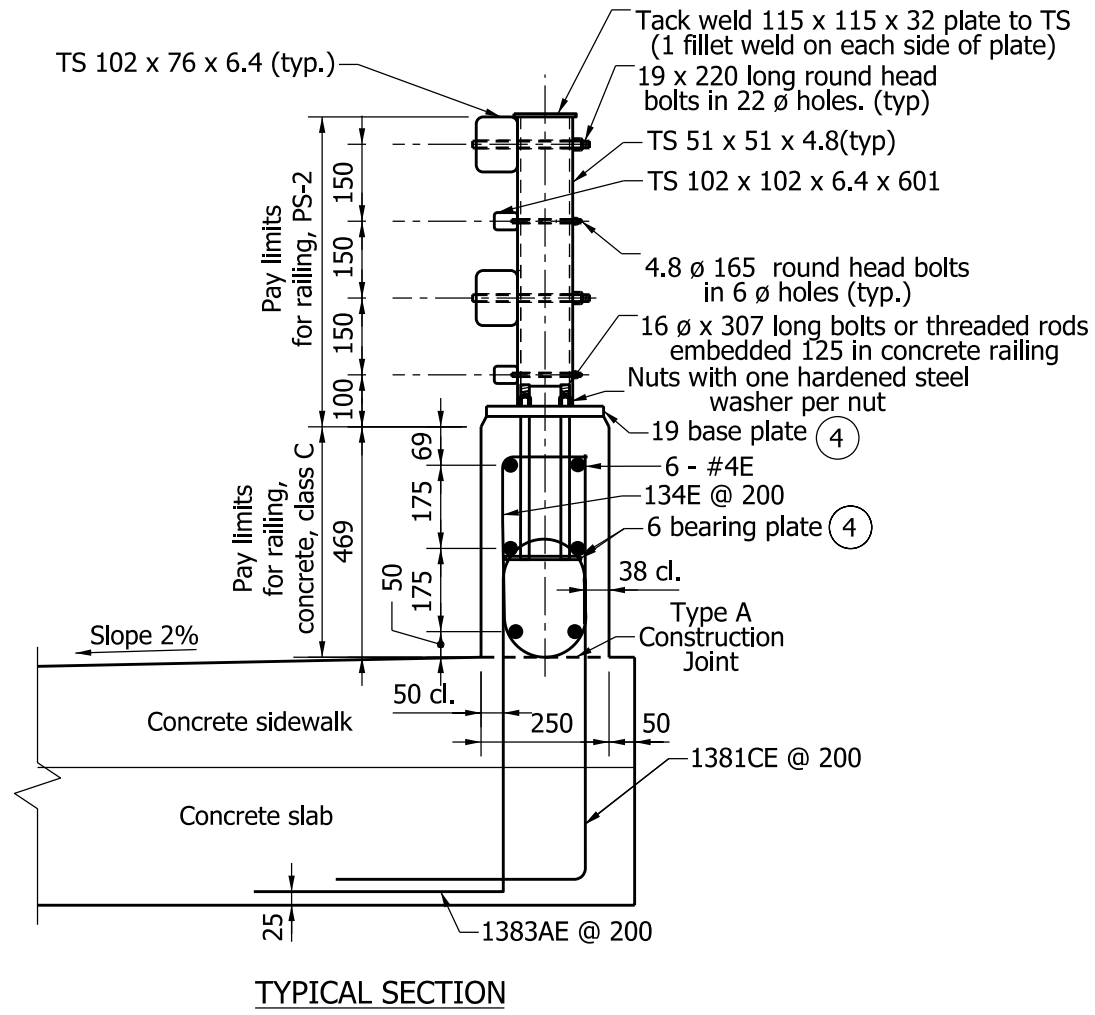
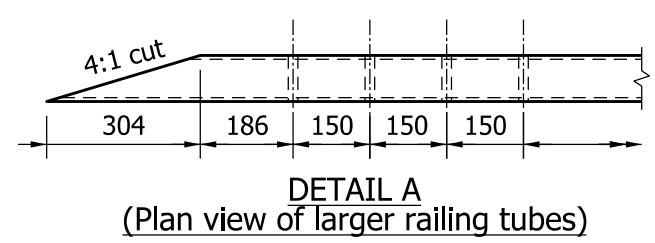
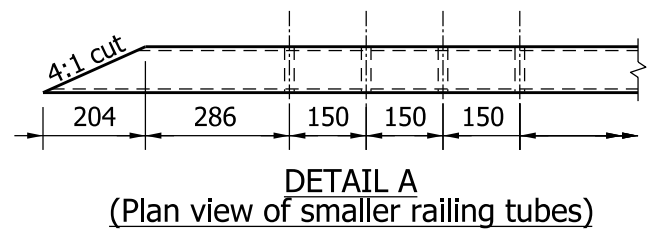
\* Field measure distance to holes on concrete transition.

ELEVATION

NOTES :

1. All chamfered edges shall be 25.
2. Intermediate railing splices shall be placed every 6 m with center of connection at span quarter points.
3. See Standard Drawing 706-BRPP-05 for railing tube details and Inner sleeve details.
4. See Standard Drawing 706-BRPP-06 for base plate detail, bearing plate detail and reinforcing bar bends.
5. See Standard Drawing 706-TTBP-07, -08 for Concrete Bridge Railing Transition, TPS-2.
6. See Standard Drawing 703-BRST-01 for standard 180° bar bending details.
7. All reinforcing bars designated "E" shall be epoxy coated.
8. Reinforcing bars in sidewalk shall match that shown on the bridge plans.

All Dimensions are in mm unless otherwise specified.



TYPICAL SECTION

<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	
<b>RAILING, PS-2</b>	
SEPTEMBER 2011	
<b>STANDARD DRAWING NO.</b>	<b>706-BRPP-04</b>
	/s/ <i>Richard L. VanCleave</i> 09/01/11 DESIGN STANDARDS ENGINEER      DATE
DESIGN STANDARDS ENGINEER	/s/ <i>Richard K. Smuizer</i> 09/01/11 CHIEF HIGHWAY ENGINEER      DATE