

8 - 3/4"  $\phi$  x 1'-2 long round head bolts in 7/8"  $\phi$  holes. (4 ea. rail) Holes are to be slotted as required for expansion

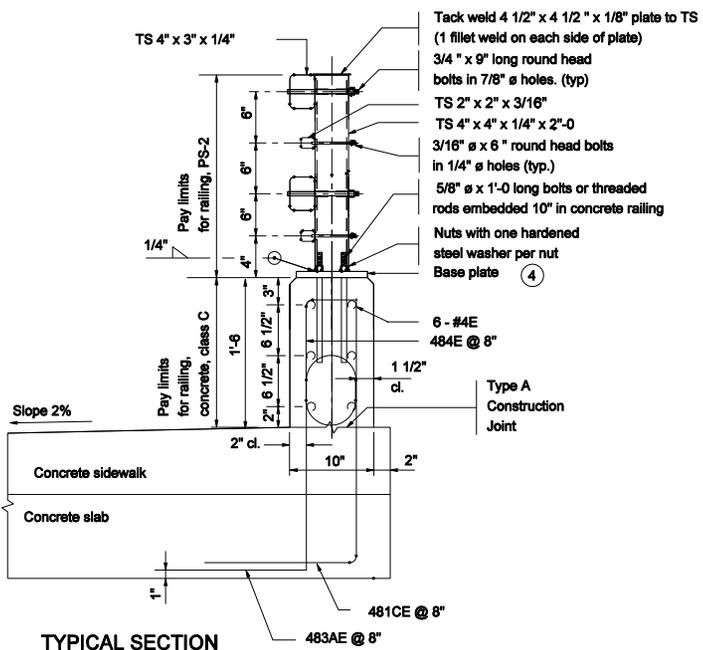
8 - 3/16"  $\phi$  x 1'-0 long round head bolts in 1/4"  $\phi$  holes. (4 ea. rail) Holes are to be slotted as required for expansion.

\* Field measure distance to holes on concrete transition.

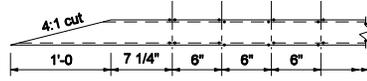
**ELEVATION**

**NOTES :**

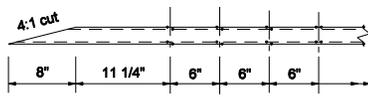
1. All chamfered edges shall be 1".
2. Intermediate railing splices shall be placed every 20' with center of connection at span quarter points.
3. See Standard Drawing E 706-BRPP-05 for railing tube details and Inner sleeve details.
4. See Standard Drawing E 706-BRPP-06 for base plate detail and reinforcing steel bar bends.
5. See Standard Drawing E 706-TTBP-07, -08 for Concrete Bridge Railing Transition, TPS-2.
6. See Standard Drawing E 703-BRST-01 for standard 180° bar bending details.
7. All reinforcing bars designated "E" shall be epoxy coated.
8. Reinforcing steel in sidewalk shall match that shown on the bridge plans.



**TYPICAL SECTION**



**DETAIL A**  
(Plan view of larger railing tubes)



**DETAIL A**  
(Plan view of smaller railing tubes)

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>RAILING, PS-2</b>	
SEPTEMBER 2005	
STANDARD DRAWING NO. E 706-BRPP-04	
	<i>/s/ Richard L. VanCleave</i> 9-01-05 <b>DESIGN STANDARDS ENGINEER</b> <b>DATE</b>
	<i>/s/ Richard K. Smutzer</i> 9-01-05 <b>CHIEF HIGHWAY ENGINEER</b> <b>DATE</b>
<b>DESIGN STANDARDS ENGINEER</b>	