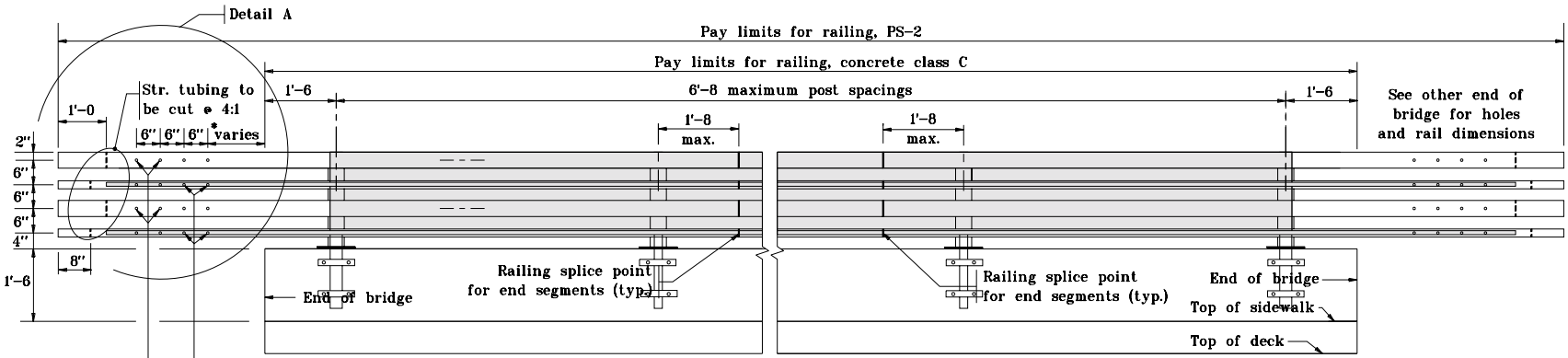


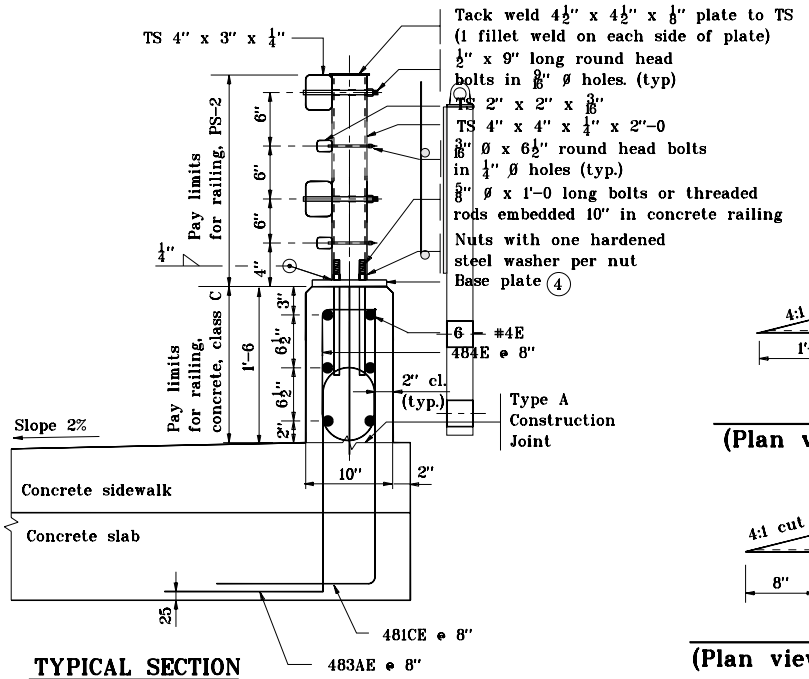
8 – $\frac{3}{4}$" Ø x 1'-2 long round head bolts in $\frac{7}{8}$" ø holes. (4 ea. rail) Holes are to be slotted as required for expansion

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

*Field measure distance to holes on concrete transition.

ELEVATION

Scale: None

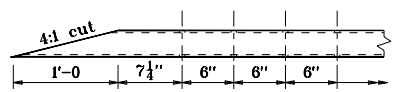


TYPICAL SECTION

Scale: None

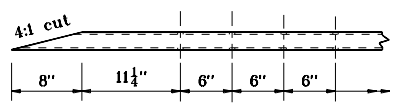
NOTES :

1. All chamfered edges shall be 1".
2. Intermediate railing splices shall be placed every 20' with 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.



DETAIL A
(Plan view of larger railing tubes)

Scale: None



DETAIL A
(Plan view of smaller railing tubes)

Scale: None

INDIANA DEPARTMENT OF TRANSPORTATION

RAILING, PS-2

SEPTEMBER 2001

STANDARD DRAWING NO. **E 706-BRPP-04**

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Anthony L. Uremovich 9-04-01
DESIGN STANDARDS ENGINEER — DATE

/s/ Firooz Zandi 9-04-01
CHIEF HIGHWAY ENGINEER — DATE