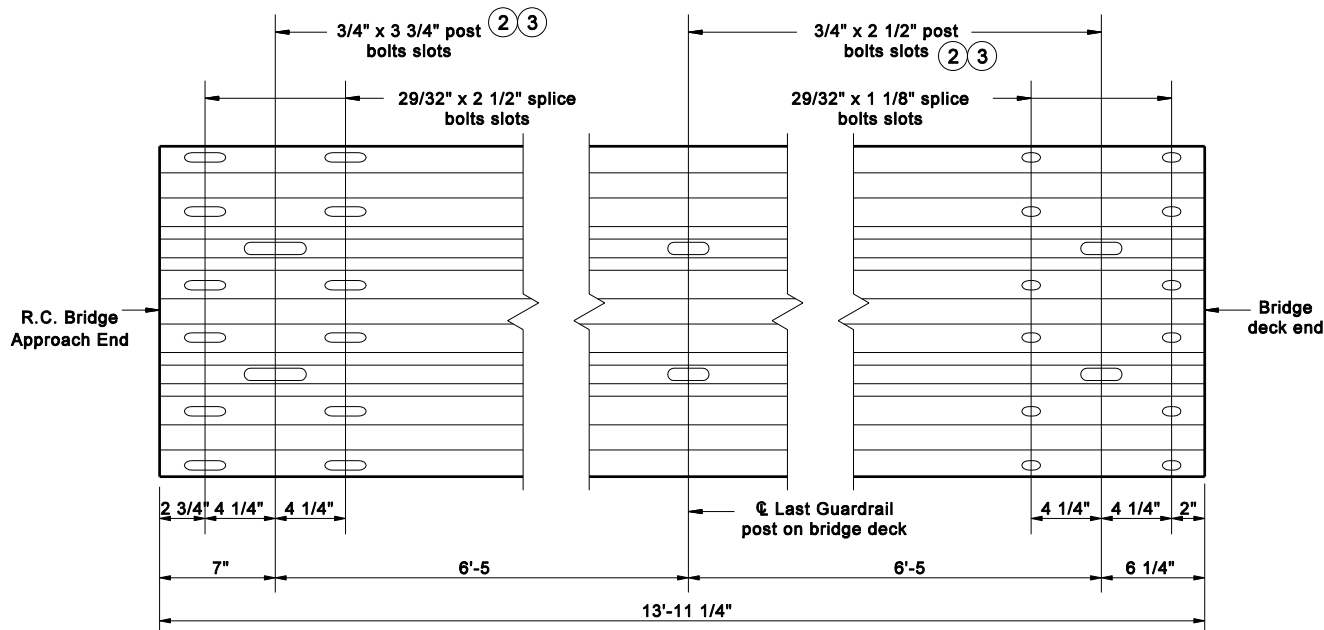


THRIE BEAM ELEVATION



THRIE BEAM EXPANSION ELEMENT ELEVATION

NOTE:

1. All thrie beam bridge railing elements are 10 gage.
2. Hand tighten the post bolts on thrie beam expansion elements and burr the bolt threads.
3. Expansion allowed = ± 7/8"; therefore, the maximum length of bridge which this accomodates is 160 ft. for steel or 190 ft. for concrete.

INDIANA DEPARTMENT OF TRANSPORTATION	
RETROFIT THRIE BEAM BRIDGE RAILING TR COMPONENTS	
SEPTEMBER 2006	
STANDARD DRAWING NO. E 706-TBRE-01	
	/s/ Richard L. VanCleave 9-01-06 DESIGN STANDARDS ENGINEER DATE
	/s/ Richard K. Smutzer 9-01-06 CHIEF HIGHWAY ENGINEER DATE
DESIGN STANDARDS ENGINEER	