



One-M16 x 50 std. button head bolts, with rectangular plate washers, round washers, and recess nuts through rail sections and blackout at post and,  
 Two M-16 x 38 std. button head bolts with round washers and recess nuts, through blackout and post (1 each side) (typ.).

**ELEVATION VIEW**

**NOTES**

1. For Thrie Beam Guardrail details, see Standard Drawing 601-MTGR-01
2. For Guardrail Transition, WGT, details, see Standard Drawing 601-TWGT-01
3. For W-Beam Guardrail details, see Standard Drawing 601-WBGA-01 thru -03 and 601-WWBGC-01 thru -03.
- ④ When the guardrail post on the thrie beam guardrail transition to W-Beam guardrail is placed at the midpoint of the transition rail the maximum post exposure above the top of the transition rail shall be limited to 25.

**LEGEND**

- I - W 150 x 14 Post
- I - W 360 x 33 Blockout
- - Approved W-Beam Blockout

All dimensions are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

**DOUBLE FACED THRIE BEAM  
 GUARDRAIL TRANSITION TO  
 GRET TYPE MS  
 MARCH 2005**

STANDARD DRAWING NO. 601-TTMS-01

	/s/ Richard L. VanCleave      3-01-05 DESIGN STANDARDS ENGINEER      DATE
	/s/ Richard K. Smutzer      3-01-05 CHIEF HIGHWAY ENGINEER      DATE

DESIGN STANDARDS ENGINEER