Two 1" Ø holes through each rail tube. Extend through both top and bottom faces of tube.

Connection/Deflector Plate

Thrie beam terminal connector

End of R.C. end panel

Two 7'-0" sections of thrie beam, one set inside the other

W-thrie beam transition rail sections (Two 12 ga. elements)

W-beam rail section

19'-6" Limits of guardrail transition, TGT

3'-10 1/2"

3 spa. @ 3'-1 1/2" = 9'-4 1/2"

6'-3"

8" wide conc. curb

6" x 8" timber posts (typ.)

6" x 8" timber blocks (typ.)

NOTES:


DETAIL A

Twelve 5/8" x 2" std. button head bolts with round washers and recess nuts at 2 posts

Two 5/8" x 2" std. button head bolts with rectangular plate washers, round washers, and recess nuts through rail sections at each post

Eight 5/8" x 2" std. button head bolts with round washers and recess nuts

W-beam back-up plate

SECTION B-B

5/8" x 18" button head bolt with round washer and hex nut

DETAIL A

Four 7/8" x 1" std. button head bolts, with rectangular plate washers, round washers, and recess nuts through rail sections.

Drill and tap four holes for 7/8" x 1 1/2" std. button head bolts, with rectangular plate washers, round washers, and recess nuts through rail sections.

INo. 9750
STATE OF
IN

GUARDRAIL TRANSITION, TGT

SEPTEMBER 2011

STANDARD DRAWING NO. E 601-TTG-T-01

/\Richard L. VanCleave 09/01/11
DESIGN STANDARDS ENGINEER DATE

/\Mark A. Miller 09/01/11
CHIEF HIGHWAY ENGINEER DATE

INDIANA DEPARTMENT OF TRANSPORTATION