



Multi-Lane Divided Bridge Approach Guardrail

TABLE B-1-2				
MEDIAN SHOULDER BRIDGE APPROACH GUARDRAIL LENGTHS, ft				
Median Slopes	DESIGN SPEED (mph)			
	50	55	60	110
Flatter than 6:1	④ 20 152	22 176	29 221	30 256
6:1	20 152	24 185	32 231	34 273
5:1	24 169	26 193	36 243	38 286

NOTES:

1. This drawing shall be used when W-beam guardrail is specified for bridge approach guardrail and is connected to the bridge rail with guardrail transition type TGB.
- ② See Table B-1-2 for required length. The actual length of guardrail required at each location shall be as shown on the plans.
- ③ See Standard Drawing E 601-BAGR-01 for Table B-1-1 for required minimum length X.
- ④ Explanation for Table B-1-2:
 $\frac{20}{132}$ = clear zone, ft.
 $\frac{132}{132}$ = req'd length of double faced guardrail at 6'-3 post spacing, ft.
- ⑤ See alternate placement detail on Standard Drawing E 601-GRET-07.
- ⑥ L_W = length of W-beam guardrail at 6'-3 post spacing, ft.

INDIANA DEPARTMENT OF TRANSPORTATION	
MEDIAN BRIDGE APPROACH GUARDRAIL	
SEPTEMBER 2003	
STANDARD DRAWING NO. E 601-BAGR-02	
	/s/ Richard L. VanCleave DESIGN STANDARDS ENGINEER
	9-02-03 DATE
	/s/ Richard K. Smutzer CHIEF HIGHWAY ENGINEER
	9-02-03 DATE