



**Multi-Lane Divided Bridge Approach Guardrail**

TABLE B-1-2				
MEDIAN SHOULDER BRIDGE APPROACH GUARDRAIL LENGTHS, m				
Median Slopes	DESIGN SPEED (km/h)			
	80	90	100	110
Flatter than 6:1	(4) 6.0 46	7.0 55	9.0 69	9.0 76
6:1	6.5 48	8.0 59	10.0 72	10.5 82
5:1	7.5 51	8.5 61	11.0 76	11.5 83

**NOTES:**

- 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.
- See Table B-1-2 for required length. The actual length of guardrail required at each location shall be as shown on the plans.
- See Standard Drawing 601-BAGR-01 for Table B-1-1 for required minimum length  $X$ .
- Explanation for Table B-1-2:  
 $\frac{6.0}{46}$  = clear zone, ft.  
 $\frac{46}{46}$  = req'd length of double faced guardrail at 1.905 m post spacing, m.
- See alternate placement detail on Standard Drawing 601-GRET-07.
- $L_W$  = length of W-beam guardrail at 1.905 m post spacing, m.

All Dimension are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

**MEDIAN BRIDGE  
APPROACH GUARDRAIL**

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STANDARD DRAWING NO. 601-BAGR-02

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	DESIGN STANDARDS ENGINEER	DATE
	/s/ Richard K. Smutzer	9-02-03
	CHIEF HIGHWAY ENGINEER	DATE

DESIGN STANDARDS ENGINEER