



**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	22	29	30
	152	176	221	256
6:1	20	24	32	34
	152	185	231	273
5:1	24	26	36	38
	169	193	243	286

**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 E 601-BAGR-01 for Table B-1-1 for required minimum length X.
- Explanation for Table B-1-2:  
 20 = clear zone, ft.  
 132 = req'd length of double faced guardrail at 6'-3 post spacing, ft.
- See alternate placement detail on Standard Drawing E 601-GRET-07.
- L<sub>W</sub> = length of W-beam guardrail at 6'-3 post spacing, ft.
- Transition rail as required for MS unit.

INDIANA DEPARTMENT OF TRANSPORTATION

**MEDIAN BRIDGE APPROACH GUARDRAIL**

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STANDARD DRAWING NO. E 601-BAGR-02

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

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