

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:
 6.0 = clear zone, ft.
 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.
- Transition rail as required for MS unit.

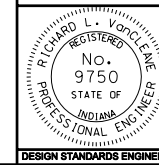
All Dimension are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

MEDIAN BRIDGE APPROACH GUARDRAIL

MARCH 2005

STANDARD DRAWING NO. 601-BAGR-02



/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