



Two-Lane Two-Way Bridge Approach Guardrail
Typical All Four Corners

TABLE B-1-1				
OUTSIDE SHOULDER BRIDGE APPROACH GUARDRAIL LENGTHS				
Location of Bridge Rail End				
Design speed (km/h)	Inside Clear Zone	Outside Clear Zone	L _W	
	Required Minimum length X			
	> of the rounded calculated length of need or 30 m	30 m		
≥ 80				
< 80	> of the rounded calculated length of need or 15 m	15 m	X - 7.4 m	

NOTES:

1. This sheet 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-1-1 for required length. The actual length of guardrail required at each location shall be as shown on the plans.
- 3 L_W = length of W-beam guardrail at 1905 m post spacing, m.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

ROADSIDE BRIDGE
APPROACH GUARDRAIL
MAY 1999

STANDARD DRAWING NO. 601-BAGR-01

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DESIGN STANDARDS ENGINEER DATE

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