



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

**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<sub>w</sub> = length of W-beam guardrail at 1.905 m post spacing, m.

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

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>ROADSIDE BRIDGE APPROACH GUARDRAIL</b>	
MAY 1999	
STANDARD DRAWING NO. <b>601-BAGR-01</b>	
	/s/ Anthony L. Uremovich 5-03-99 DESIGN STANDARDS ENGINEER DATE
	/s/ Donald W. Lucas 5-03-99 CHIEF HIGHWAY ENGINEER DATE