



**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 BAGR-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 6'-3 post spacing, ft.

TABLE BAGR-1			
OUTSIDE SHOULDER BRIDGE APPROACH GUARDRAIL LENGTHS			
Design speed (mph)	Location of Bridge Rail End		
	Inside Clear Zone	Outside Clear Zone	$L_w$
	Required Minimum length X		
≥ 50	>of the rounded calculated length of need or 100'	100'	X - 25'
< 50	>of the rounded calculated length of need or 50'	50'	

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>ROADSIDE BRIDGE APPROACH GUARDRAIL</b>	
MAY 1999	
<b>STANDARD DRAWING NO. E 601-BAGR-01</b>	
	DETAILS PLACED IN THIS FORMAT 11-15-99 /s/ Anthony L. Uremovich 11-15-99 <small>DESIGN STANDARDS ENGINEER DATE</small>
<small>DESIGN STANDARDS ENGINEER</small>	/s/ Firooz Zandi 11-15-99 <small>CHIEF HIGHWAY ENGINEER DATE</small> ORIGINALLY APPROVED 5-03-99