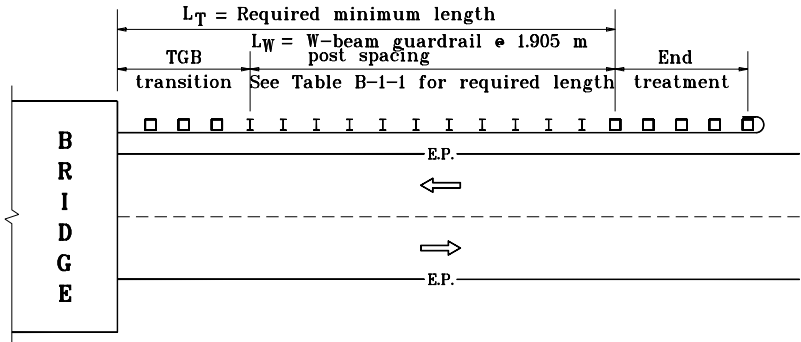


**NOTES:**

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. Table B-1-1 is for design computation purposes only. The actual length of guardrail required at each location shall be as shown for that location in the plans.



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

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	$L_W$ (m)
	Required Minimum length $L_T$ (m)		
$\geq 80$	>of the rounded calculated length of need or 30	30	Required Minimum length minus 7.6 m for TGB transition
< 80	>of the rounded calculated length of need or 15	15	

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION  
**ROADSIDE BRIDGE  
 APPROACH GUARDRAIL**  
 SEPTEMBER 1997  
 STANDARD DRAWING NO. **601-BAGR-01**

	<i>/s/ Anthony L. Uremovich</i> 9-01-97 DESIGN STANDARDS ENGINEER DATE
	<i>/s/ Donald W. Lucas</i> 9-01-97 CHIEF HIGHWAY ENGINEER DATE