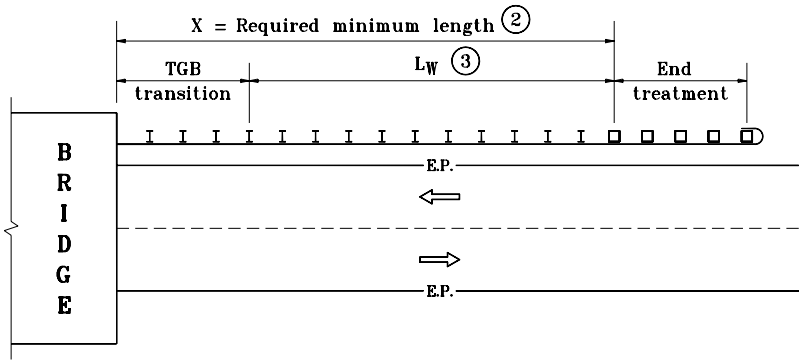

Two-Lane Two-Way Bridge Approach Guardrail
Typical All Four Corners

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'	

NOTES:

1. This sheet shall be used when W-beam guardrail is specified for bridge approach guardrail and is connectecd 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.

INDIANA DEPARTMENT OF TRANSPORTATION

ROADSIDE BRIDGE APPROACH GUARDRAIL

MAY 1999

STANDARD DRAWING NO. **E 601-BAGR-01**

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

DETAILS PLACED IN THIS FORMAT 11-15-99

/s/ Anthony L. Uremovich 11-15-99
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 11-15-99
CHIEF HIGHWAY ENGINEER DATE

ORIGINALLY APPROVED 5-03-99