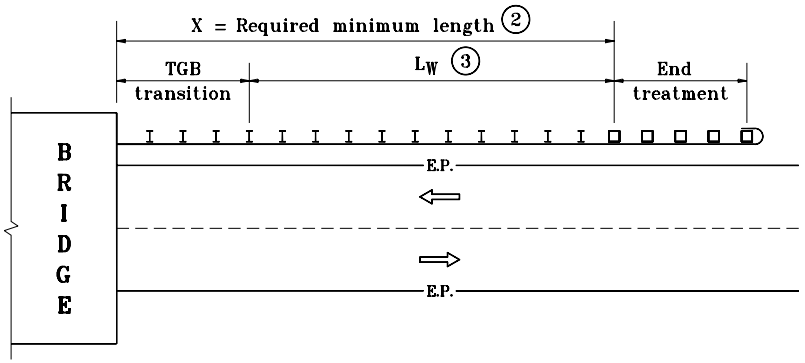


**Two-Lane Two-Way Bridge Approach Guardrail**
**Typical All Four Corners**

**NOTES:**

1. This sheet shall be used when W-beam guardrail is specified for bridge approach guardrail and is connectecd 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 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 | | $L_W$ |
|---|---|---|---|
| | Inside Clear Zone | Outside Clear Zone | |
| | 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

**ROADSIDE BRIDGE APPROACH GUARDRAIL**

MAY 1999

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

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

DESIGN STANDARDS ENGINEER

/s/ Anthony L. Uremovich 5-03-99
DESIGN STANDARDS ENGINEER DATE

/s/ Donald W. Lucas 5-03-99
CHIEF HIGHWAY ENGINEER DATE

Source Sheet: B-1