STEEL POST CONSTRUCTION

STEEL BLOCK-OUT DETAIL

STEEL PLATE BEAM GUARDRAIL
29" (731mm) HEIGHT

WOOD POST CONSTRUCTION

NOTE
Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

PLATE A

POST OR SPLICE BOLT & NUT

Illinois Department of Transportation

APPROVED January 1, 2012

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-08

PASSED ENGINEER OF LOCAL ROADS AND STREETS

STANDARD B.L.R. 26-3
NOTE
Anchor plate T shall be used to attach cable assembly to guardrail when required on traffic barrier terminals.

NOTE
When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

The standard end shoe shall be attached to the concrete with pre-drilled or self-drilling anchor bolts. The anchor cone shall be set flush with the surface of the concrete. Externally threaded studs protruding from the surface of the concrete will not be permitted.

SLIPPLATE

SPICE PLATE

RAIL ELEMENT SPICE

ANCHOR PLATE T DETAILS

ALTERNATE END SHOE
Optional round hole

9 (203) min. (Steel post)
10 (250) min. (Wood post)

Note: Ledge line is top of rock ledge or hard slag fill.

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### GUARDRAIL PLACED BEHIND CURB

(D = 0 desirable to 12 (300) maximum)

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### FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

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### STEEL POST DETAILS

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### CABLE ASSEMBLY

3 (M24) double nuts or locknuts and washer

STEEL PLATE BEAM GUARDRAIL

29" (731mm) HEIGHT

(Sheet 4 of 4)

STANDARD B.L.R. 26-3