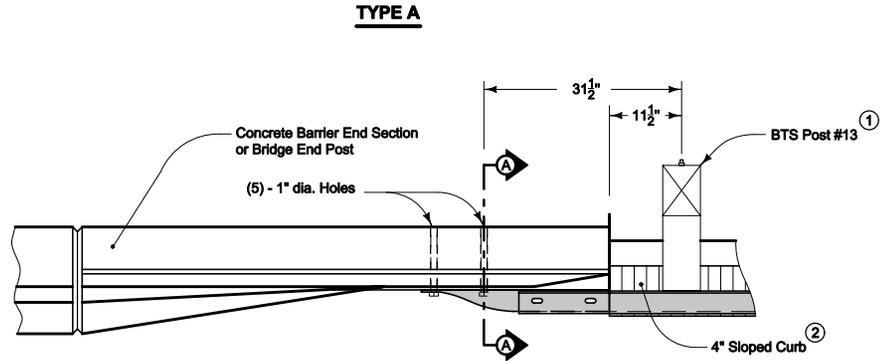
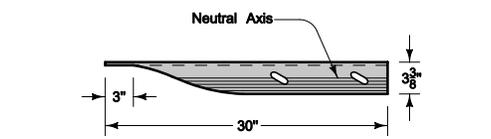


SECTION A-A

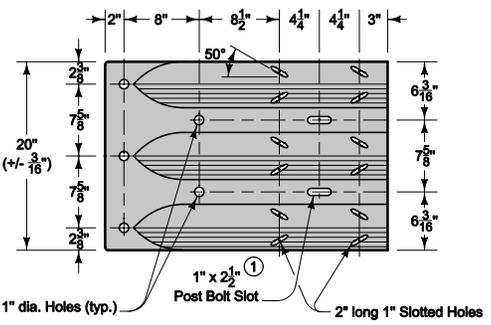


PLAN

- ① See BA-201.
- ② See applicable Bridge Approach Section standards for specific requirements.

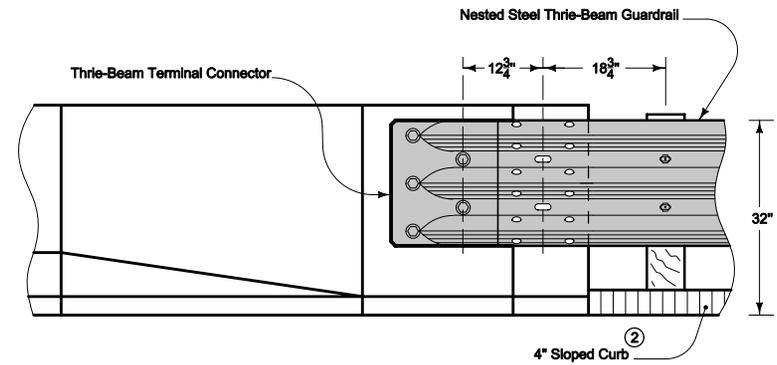


PLAN

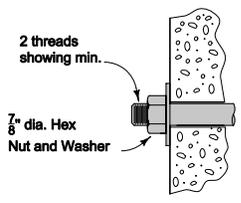


ELEVATION

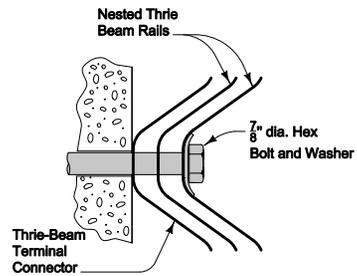
TERMINAL CONNECTOR



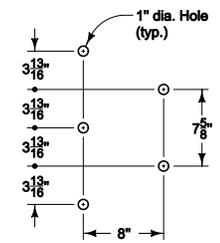
ELEVATION



DETAIL "A"



DETAIL "B"



BOLT PATTERN

Thrie-Beam Terminal Connector

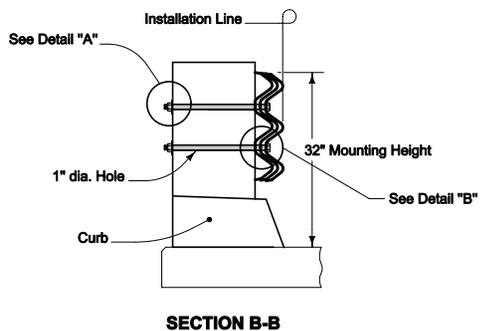
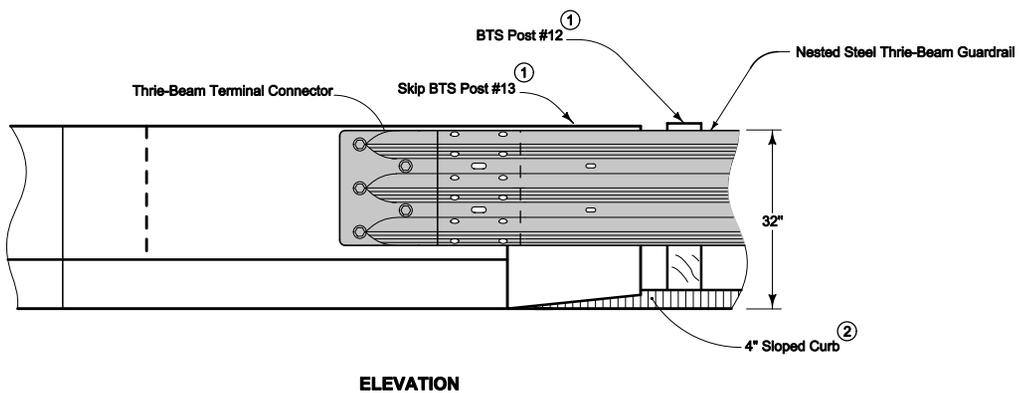
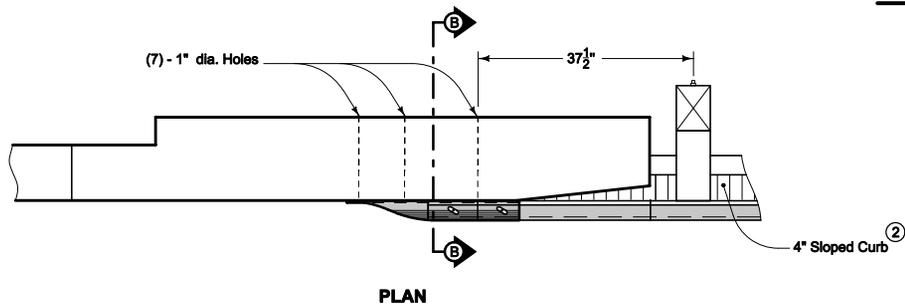
Possible Contract Item:
Steel Beam Guardrail End Anchor, Bolted

Materials included in the Contract Item:
Thrie-Beam Terminal Connector
Approved 7/8" x sufficient length Hex Bolts
Approved 5/8" Hex Nuts
Approved 15/16" Washers

Iowa Department of Transportation	REVISION
	New 04-20-10
STANDARD ROAD PLAN	BA-202
REVISIONS: New. Replaces RE-89A, RE-89B, and RE-89C.	SHEET 1 of 3
<i>Deanna Maifeld</i> APPROVED BY DESIGN METHODS ENGINEER	

STEEL BEAM GUARDRAIL
BOLTED END ANCHOR

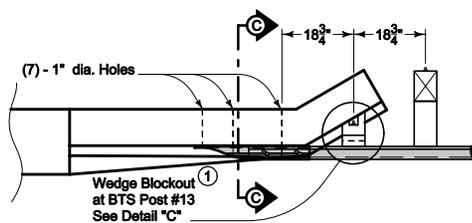
TYPE B



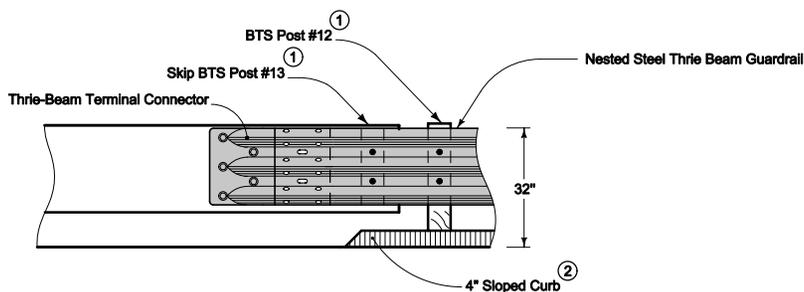
- ① See BA-201.
- ② See applicable Bridge Approach Section standards for specific requirements.

 Iowa Department of Transportation	REVISION
	New 04-20-10
STANDARD ROAD PLAN	BA-202
REVISIONS: New. Replaces RE-69A, RE-69B, and RE-69C.	
 APPROVED BY DESIGN METHODS ENGINEER	
STEEL BEAM GUARDRAIL BOLTED END ANCHOR	

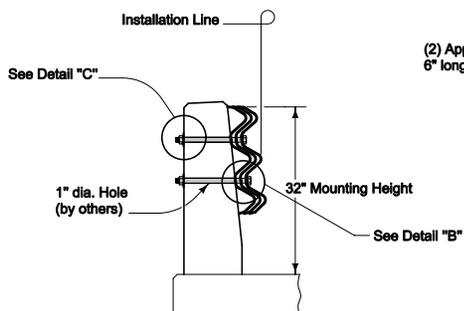
TYPE C



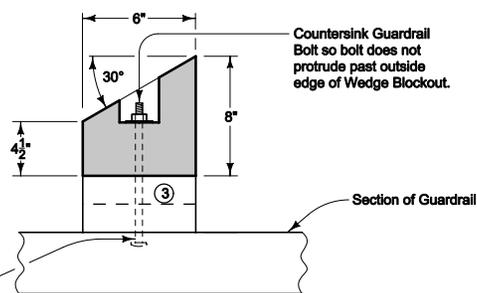
PLAN



ELEVATION



SECTION C-C



DETAIL "C"

- ① See BA-201.
- ② See applicable Bridge Approach Section standards for specific requirements.
- ③ Use treated spacer boards (1 in. x 6 in. or 2 in. x 6 in.) to produce a tight fit between the wedge blockout and endpost. A nominal 1 inch gap is acceptable. Spacer boards are incidental to bolted end anchor.

 Iowa Department of Transportation	REVISION	
	New	04-20-10
STANDARD ROAD PLAN		BA-202
		SHEET 3 of 3

REVISIONS: New. Replaces RE-89A, RE-89B, and RE-89C.

Deanna Maifeld
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**STEEL BEAM GUARDRAIL
BOLTED END ANCHOR**