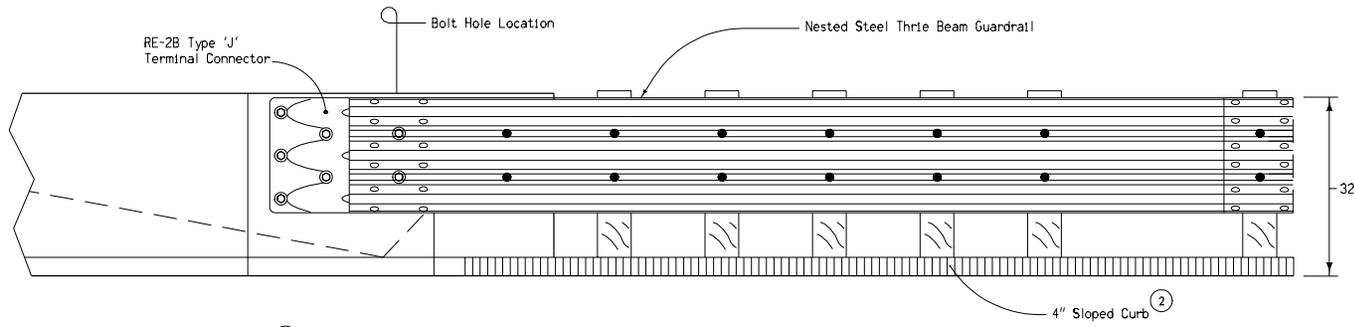
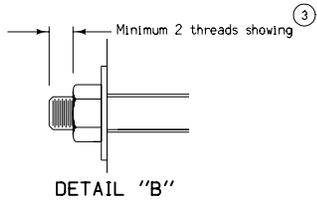


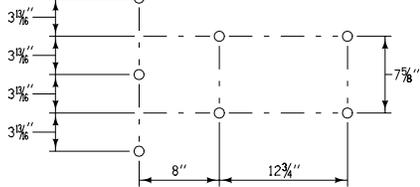
TYPICAL PLAN



TYPICAL ELEVATION

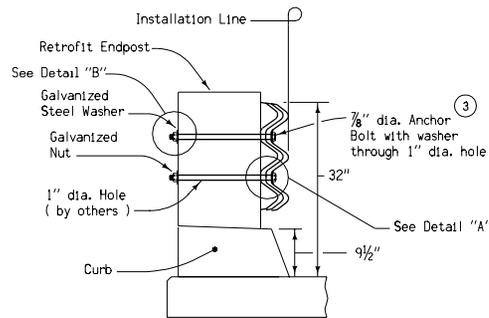


DETAIL "B"

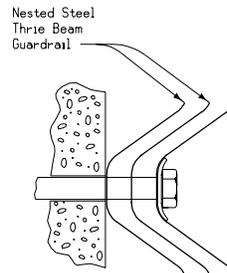


BOLT PATTERN

For RE-2B Type "J" Terminal Section



SECTION B-B



DETAIL "A"

GENERAL NOTES:

Contract Item:

Guardrail, End Anchorage, Beam, RE-69

List of Materials for the RE-69C End Anchorage:

- (1) RE-2B Type 'J' Terminal Connector.
- (7) Approved 7/8" dia. X Sufficient length Hex Bolts.
- (7) Approved 7/8" dia. Hex Nuts
- (14) Approved 15/16" I.D., 2 1/4" O.D., 5/32" thick Washers.

- ① For attachments on the trailing end of a one-way bridge, the Type 'J' terminal connector should be lapped on the outside of the nested thrie beam rails.
- ② See applicable Bridge Approach Section standards for specific requirements.
- ③ 7/8" anchor bolts shall be of sufficient length to leave a minimum of 2 thread widths outside of the nut.
- ④ First post and blockout shown on RE-68 is skipped.

 <b>Iowa Department of Transportation</b> Highway Division	
<b>STANDARD ROAD PLAN RE-69B</b>	
REVISION: Label Bolt hole location.	REVISION NO. 5
<i>Deanna Marfeldt</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 04-18-06
<b>GUARDRAIL INSTALLATION CONNECTION TO RETROFIT BRIDGE ENDPOST</b>	