ET = 37' - 6"
(6 spaces @ 6'-3")

Post 1
Post 2
Post 3
Post 4
Post 5
Post 6
Post 7

48" offset
to end
of rail

W-Beam Post
and Blockout ②

PLAN

Impact Head
or Buffered
End Section ①

Steel Beam Guardrail Flared End Terminal (40'-7½")
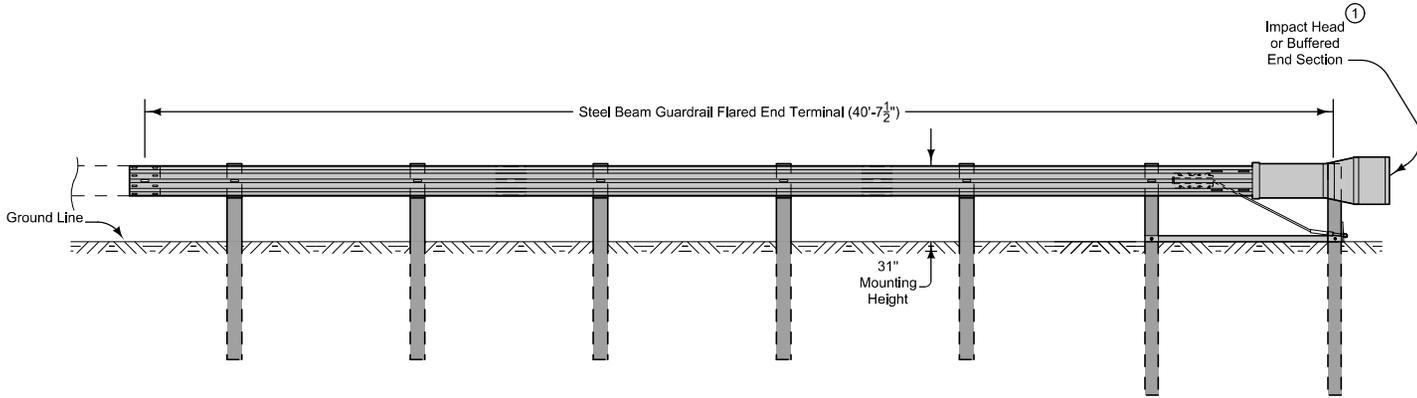
Ground Line

31"
Mounting
Height

ELEVATION

NEAREST TRAFFIC

LAPPING PROCEDURE

Provide the following:

FLEAT-MGS by Road Systems, Inc.
OR
SRT-31 by Trinity Highway Products, LLC.

Use materials meeting the respective manufacturer's specifications. Install end terminals in accordance with the manufacturer's recommendations.

Note: at the Contractor's option, and at no additional cost to the Contracting Authority, alternate post designs developed by the manufacturer and accepted by the FHWA for use within the end terminal may be substituted for the wood post design shown. When such a substitution is made, provide the Engineer with three copies of the most current installation and maintenance manual for the alternate design.

① Cover entire face of impact head or buffered end section with alternating black and yellow striped adhesive sheeting.

-Stripes are approximately 3 inches wide and slope down at a 45 degree angle toward the side on which traffic is to pass the end terminal.

-Yellow stripes meet the retroreflectivity requirements for Type III or Type IV reflective sheeting.

② Refer to BA-200.

Possible Contract Item:
Steel Beam Guardrail Flared End Terminal

Materials included in the Contract Item:
W-Beam Guardrail Sections totaling 40'-7½"
(1) Impact Head or Buffered End Section
(1) Cable Anchor Bracket/Box
(1) BCT Cable Anchor Assembly
(1) BCT Bearing Plate
(1) Ground Strut or Angle Strut
(6) End Terminal Post Assemblies (wood or steel option)
(4) End Terminal Blockouts (as required by manufacturer)
(2) Foundation Tubes (wood post option)
(1) BCT Post Sleeve (wood post option)
(1) W-Beam Post (wood or steel - match remainder of installation.
(1) W-Beam Blockout
Approved Bolts, Nuts, Washers, and Screws

Iowa Department of Transportation

REVISION
1 | 10-18-11

BA-206

STANDARD ROAD PLAN

SHEET 1 of 1

REVISIONS: Reworded Note 1. Clarified drawings. Modified materials in contract items.

Deanna Maifield
APPROVED BY DESIGN METHODS ENGINEER

**STEEL BEAM GUARDRAIL
FLARED END TERMINAL
FOR CABLE CONNECTION**