



Provide the following:

SKT-MGS by Road Systems, Inc.
OR
ET-Plus 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 extruder 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 End Terminal

- Materials included in the Contract Item:
W-Beam Guardrail Sections totaling 53'-1 1/2"
- (1) Impact Head or Extruder
 - (1) Cable Anchor Bracket/Box
 - (1) BCT Cable Anchor Assembly
 - (1) BCT Bearing Plate
 - (1) Ground Strut or Angle Strut
 - (8) End Terminal Post Assemblies (wood or steel option)
 - (6) 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

<p style="margin: 0;">Iowa Department of Transportation</p> <p style="font-size: 1.2em; font-weight: bold; margin: 5px 0;">STANDARD ROAD PLAN</p> <p style="font-size: 0.8em; margin: 0;">REVISIONS: Modified Materials Included In the Contract Item. Clarified drawings and notes.</p> <p style="text-align: right; font-size: 0.8em; margin: 0;"><i>Deanna Maifield</i> APPROVED BY DESIGN METHODS ENGINEER</p>	REVISION	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10px; text-align: center;">1</td> <td style="width: 40px; text-align: center;">10-18-11</td> </tr> </table>	1
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BA-205	SHEET 1 of 1	
STEEL BEAM GUARDRAIL END TERMINAL		