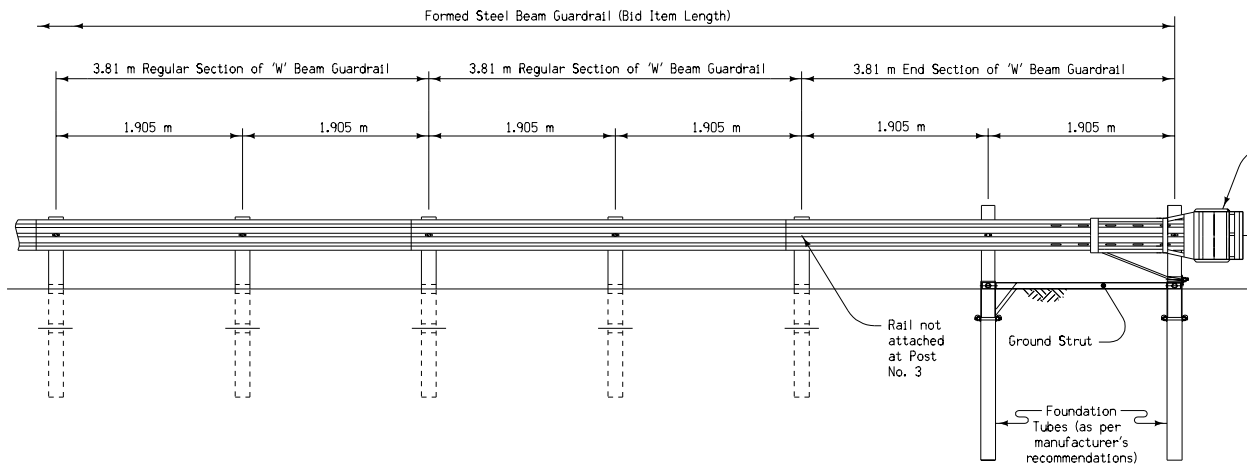
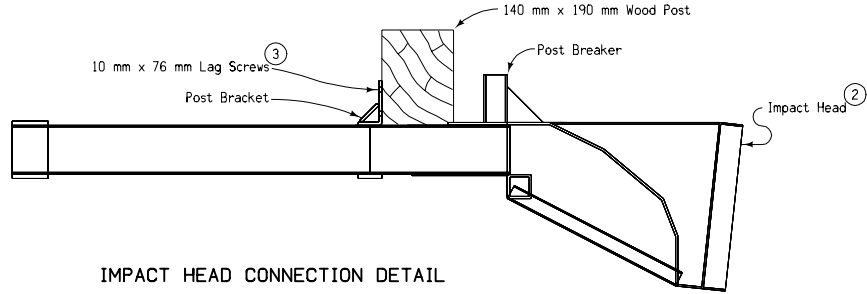


PLAN VIEW



ELEVATION



IMPACT HEAD CONNECTION DETAIL

FLEAT-350 Guardrail Terminals shall be designed, manufactured and supplied by Road Systems, Inc. or a designated distributor, and shall consist of materials manufactured to their specifications. The contractor shall install the FLEAT-350 according to the manufacturer's recommendations.

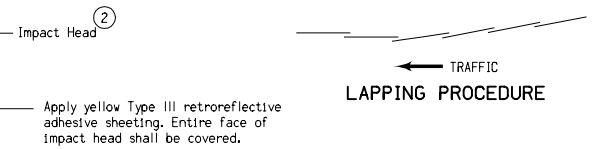
Contract Item:
Guardrail Terminal, Beam, Flared, RE-76

The materials included in the bid item are:

- Impact Head
- (2) Foundation Soil Tubes
- (2) 140 mm X 190 mm X 1145 mm Wood post
- Bearing Plate
- Cable Anchor Bracket
- BCT Cable Anchor Assembly
- Ground Strut
- The remaining hardware specified by the manufacturer.


The materials included in the Installation of Guardrail bid item are:

- (2) 3.81 m Regular Section of W Beam Guardrail
- (1) 3.81 m End Section of W Beam Guardrail
- (5) 150 mm x 200 mm x 1830 mm Wood CRT Post
- (5) 150 mm x 200 mm x 360 mm Timber Blockouts



- ① Unless specified elsewhere in the plans, a 1220 mm offset shall be used.
- ② Impact head shall be supported during installation of lag screws to ensure impact head remains parallel to W-beam guardrail.
- ③ Lag screws shall be placed in post bracket holes located closest to center of wood post. Drill 7 mm pilot hole for lag screws. Lag screws shall be screwed in and must not be pounded in.

All dimensions given in millimeters unless noted.

METRIC VERSION	M	 Iowa Department of Transportation Highway Division
	STANDARD ROAD PLAN RE-76	
	REVISION: Revise note 3.	REVISION NO. 7
	<i>William J. Stein</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 04-19-05
BEAM GUARDRAIL TERMINAL (FLEAT-350)		