APPROVED BRANDS FORMED STEEL BEAM RAILING

A. Trinity Guardrail

1. How to find logo marking on rail:

PLANT

DISTANCE FROM END

Ft. Worth, Texas: W-beam

Girard, Ohio: W-beam

Centerville, Utah: W-beam & Thrie-beam

Lima, Ohio: (Lima Mill) W-beam

Lima, Ohio: (Contec Mill) W-beam

Lima, Ohio: Thrie-beam

Elizabethtown, Kentucky: W-beam

Approx. 24 in. (600 mm) from end of rail - backside T M180 A2 XXX XXXXX XXXX

Within 5 ft. (1.5 m) of end of rail - faceside T S M180 AX XXXXX XXXXXX

Within 40 in. (1 m) of end of rail - faceside T U M180 AX X-XX XXXXXX

Approx. 24 in. (600 mm) from end of rail - faceside T M180 AX XXXXXXXXXXX

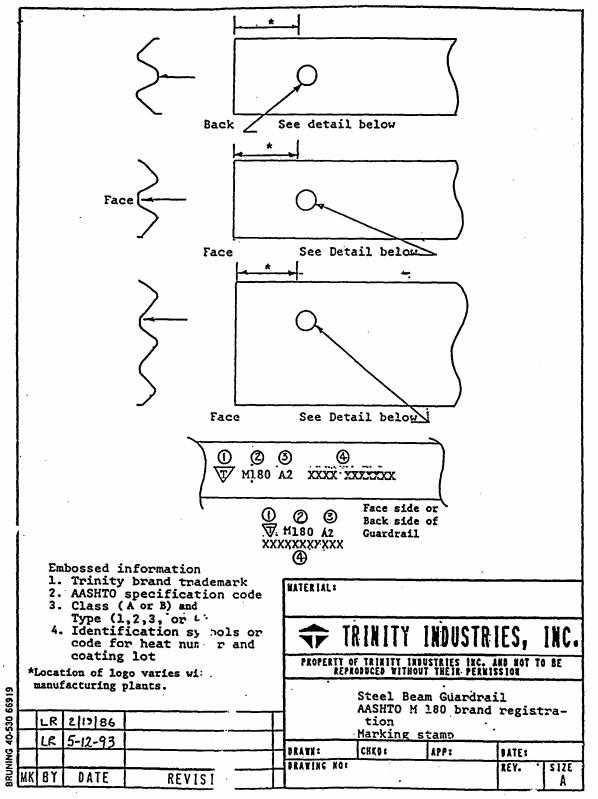
Approx. 24 in. (600 mm) from end of rail - backside T M180 AX XXXX XXXXX

Within 30 in. (760 mm) of end of rail - faceside T M180 AX XXXXXXXXXXX

Within 5 ft. (1.5 m) of end of rail - faceside T S M180 AX XXXXX XXXXX

April 17, 2007 Supersedes April 20, 2004

2. Marking Stamp



B. Gregory Highway Products, Inc., 4100 13th St. SW, P.O. Box 80508, Canton, OH 44708

This document specifically relates to guardrail beams marked in the following manner:

Brand, M-180, Heat Number, Coating Lot, Class-Type

The markings will appear every 24 in. (600 mm) on each beam element on the center corrugation. The markings will consist of 1/2 in. (13 mm) high letters embossed into the metal forming the rail element.

This document also relates to Backup Plates, End Sections, Buffer Ends and End Shoes. Marking for these items will be on durable tags attached to each bundle (or on labels affixed to at least one section in each bundle).

Marking specifics are as follows:

- 1. Brand GH for Gregory Highway Products, Inc.
- 2. M-180: AASHTO Specifications
- 3. Heat Number Code: 4-Digit, Alphanumeric
- 4. Coating Lot: Week [one of two digits, (e.g., 1 through 52)] Year [two digit, (e.g., 93)]
- 5. Class Type:
 - a. Class
 - 1. Class A Base Metal nominal thickness 0.105 in. (2.76 mm) 12 gauge
 - 2. Class B Base Metal nominal thickness 0.135 in. (2.43 mm) 20 gauge

b. Type

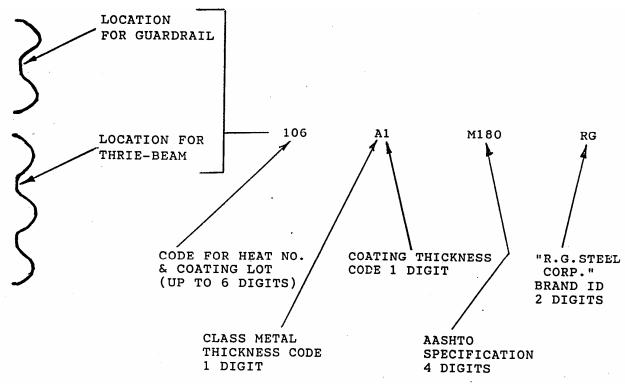
- 1. Zinc-Coated 1.8 oz./ft.² (51.03 g) minimum
- 2. Zinc-Coated 3.6 oz./ft.² (102.06 g) minimum
- 3. Beams to be painted (by others)
- 4. Beams of corrosion-resistant steel

C. R. G. Steel, Route 551, P.O. Box 356, Pulaski, PA 16143

Guardrail Element Markings

This document describes the method and location of markings on both the guardrail element and the thrie-beam rail element. The markings will appear within 38 in. (965 mm) in the valley on the traffic face of each rail element. The markings are 3/8 in. (9.5 mm) high letters and numbers that are embossed (rolled) into the rail element

A description is shown below:



Coding System

- 1. Class
 - a. Class A Base Metal nominal thickness 0.105 in. (2.76 mm) 12 gauge
 - b. Class B Base Metal nominal thickness 0.135 in. (3.43 mm) 20 gauge
- 2. Type
 - a. Zinc-coated 1.8 oz./ft.² (51.03 g) minimum
 - b. Zinc-coated 3.6 oz./ft.² (102.06 g) minimum

D. IMH Products, Inc., 1121 E. 46th Street, Indianapolis, IN 46220

This document specifically relates to End Sections, Transition Sections, Buffer Ends, Backup Plates, and End Shoes.

Marking specifics are as follows:

1.	Brand	IMH for IMH Products, Inc.
2.	AASHTO	Specifications: M-180
3.	Heat Number Code:	4 digits
4.*	Coating Lot:	Year (2 digits)
5.*	Class:	Gauge/Thickness
6.*	Туре:	Zinc-coated ounces (grams) per sq. ft. (sq. mm)

* Markings of these items will be on durable tags attached to each bundle (or on labels affixed to at least one section in each bundle.)

E. Beam Guardrail Terminal (Fleat-350)

This Document specifically relates to Beam Guardrail Terminal, Fleat -350

Manufacturer: Road Systems, Inc.

6" x 8" x 6'0" wood CRT Posts (5 posts) 5 ¹ / ₂ " x 7 ¹ / ₂ " x 45" wood posts (2 posts) Foundation soil tubes (2 tubes) Wood blocks 6" x 8" x 14" (5 blocks) Bearing plate Cable anchor bracket BCT cable anchor assembly Ground strut Type III retro reflective adhesive sheeting Lag screws 3/8" x 3" Post bracket	5 ½" x 7 ½" x 45" wood posts (2 posts) Foundation soil tubes (2 tubes)
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For additional details consult "standard road plan RE-76"