
**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

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

Girard, Ohio:
W-beam

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

Centerville, Utah:
W-beam & Thrie-beam

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

Lima, Ohio: (Lima Mill)
W-beam

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

Lima, Ohio: (Contec Mill)
W-beam

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

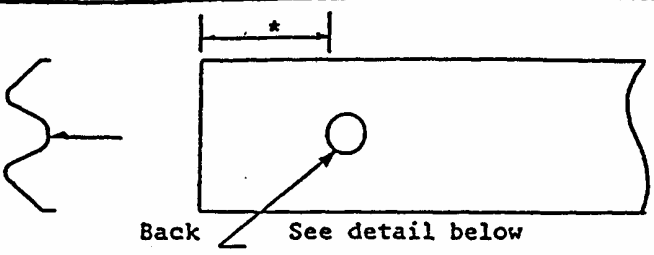
Lima, Ohio:
Thrie-beam

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

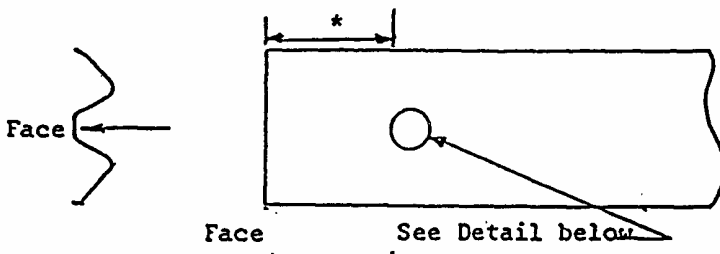
Elizabethtown, Kentucky:
W-beam

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

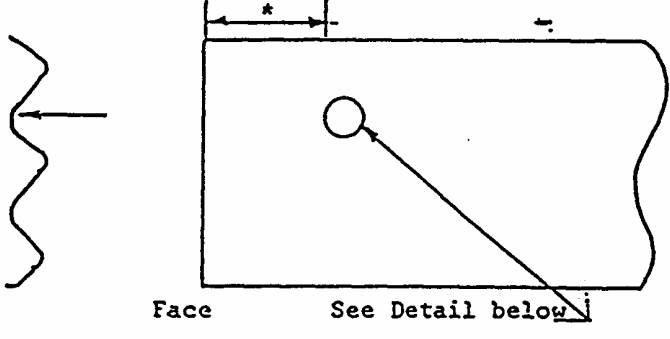
2. Marking Stamp



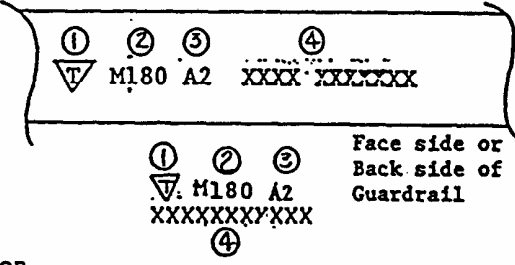
Back



Face



Face



① ② ③ ④
▽ M180 A2 XXXX XXXXXX

① ② ③ ④
▽ M180 A2 XXXXXXXXXX

Face side or
Back side of
Guardrail

Embossed information

1. Trinity brand trademark
2. AASHTO specification code
3. Class (A or B) and Type (1, 2, 3, or 4)
4. Identification symbols or code for heat number and coating lot

*Location of logo varies with manufacturing plants.

MATERIAL:			
 TRINITY INDUSTRIES, INC.			
PROPERTY OF TRINITY INDUSTRIES INC. AND NOT TO BE REPRODUCED WITHOUT THEIR PERMISSION			
Steel Beam Guardrail AASHTO M 180 brand registra- tion Marking stamp			
DRAWN:	CHKD:	APP:	DATE:
DRAWING NO:			REV. SIZE
			A

LR	2/17/86		
LR	5-12-93		
MK	BY	DATE	REVISI

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:

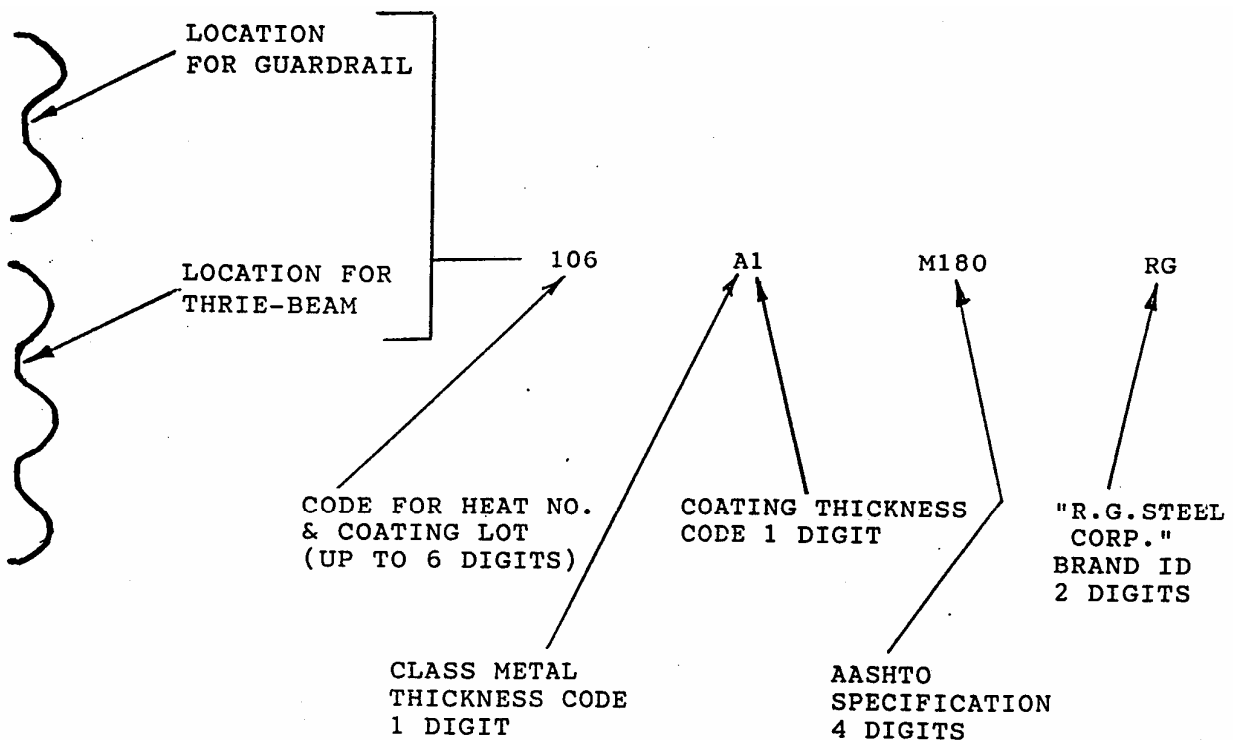
1. Brand GH for Gregory Highway Products, Inc.
2. M-180: AASHTO Specifications
3. Heat Number Code: 4-Digit, Alphanumeric
4. Coating Lot: Week [one of two digits, (e.g., 1 through 52)]
Year [two digit, (e.g., 93)]
5. Class Type:
 - a. Class
 1. Class A Base Metal nominal thickness 0.105 in. (2.76 mm)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

- Class A Base Metal nominal thickness 0.105 in. (2.76 mm) – 12 gauge
- Class B Base Metal nominal thickness 0.135 in. (3.43 mm) – 20 gauge

2. Type

- Zinc-coated 1.8 oz./ft.² (51.03 g) minimum
- 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.* Type: 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.

Materials: 12.5 ft regular section of "W" Beam Guardrail (2 sections)
 12.5 ft end section of "W" Beam Guardrail (1 section)
 6" x 8" x 6'0" wood CRT Posts (5 posts)
 5 ½" x 7 ½" 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

For additional details consult "standard road plan RE-76"
