



## EASTERN METAL VERTICAL PANEL FHWA WZ-348 & MASH TL-3 COMPLIANT

The Eastern Metal Signs and Safety Vertical Panel is a versatile and durable traffic control device designed for use in a variety of work-zone settings. It is constructed from a high-quality blend of high-density polyethylene (HDPE) and low-density polyethylene (LDPE) to ensure long-lasting performance.

This MASH Test Level 3 (TL3) compliant panel features a tapered design and is supported by a 30 lb recycled rubber base for exceptional stability. The vertical panel is also engineered for efficient handling and is suitable for use with or without warning lights.

### Features:

- High-quality
- Stackable
- Easy Storage
- Transports Easily

### Applications:

- Traffic control
- Crowd control
- Construction zones
- Emergency situations



TESTED AND APPROVED  
**WZ-348**

- **45" Overall Height:** Tapered 3.8 ft panel provides high-profile visibility for lane separation and work zone safety.
- **MASH TL-3 Certified:** Officially FHWA eligible (Control No. WZ-348) and crash-tested to MASH Test Level 3 standards for high-speed highway use.
- **Heavy-Duty 30lb Base:** Includes a high-compression 100% recycled tire rubber base for superior stability without the need for additional sandbags.
- **Rugged Construction:** Manufactured from a specialized blend of High-Density (HDPE) and Low-Density (LDPE) polyethylene for maximum impact resistance.
- **Integrated Light Mount:** Built-in mounting zone accepts standard barricade warning lights (available separately).
- **Stackable Design:** Engineered for easy nesting, allowing for high-density storage and efficient transport to and from job sites.
- **Industrial Durability:** UV-stabilized Safety Orange material resists fading and weathering; manufactured to strict wall-thickness standards (0.120" bottom zone) for long-term field use.
- **Compliance:** Meets MUTCD and AASHTO MASH standards, making it eligible for reimbursement on Federal-aid highway projects.



COMPOSITE RUBBER BASE  
(SOLD SEPARATELY)



**Eastern Metal**  
SIGNS & SAFETY



MAIN OFFICE- CUSTOMER SERVICE  
607-734-2295



INQUIRIES  
CUSTOMERSERVICE@USA-SIGN.COM



HOURS 8AM-4:30PM -  
MONDAY-FRIDAY EST.



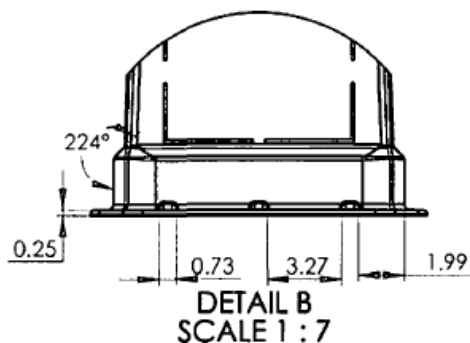
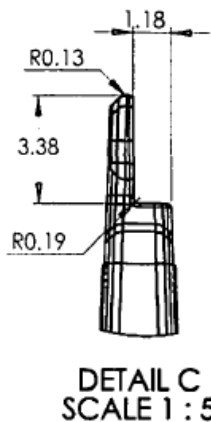
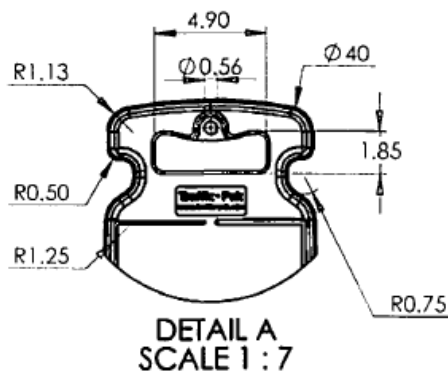
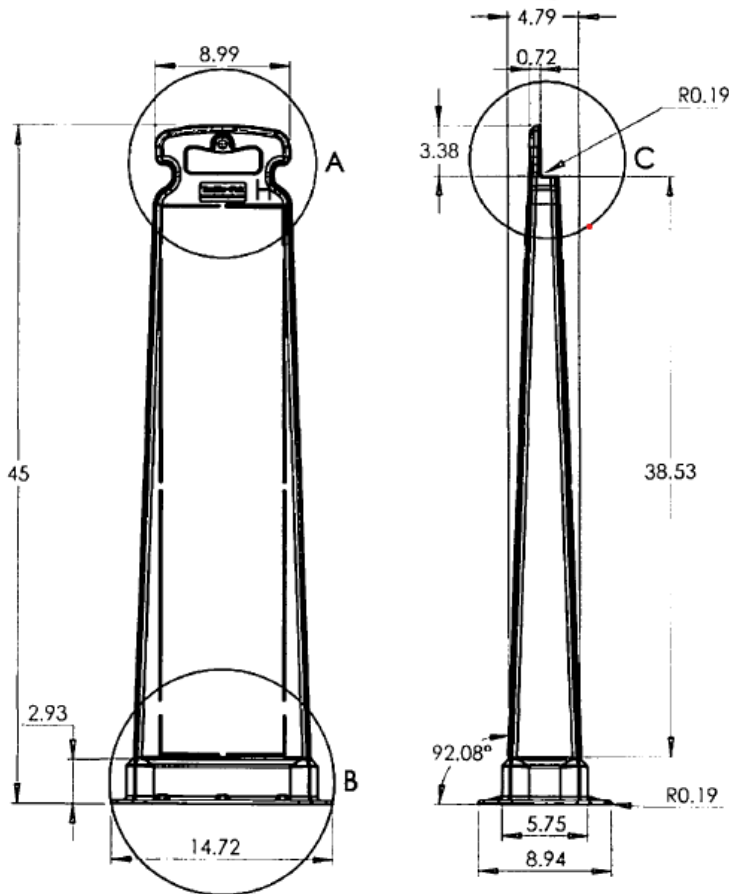
FAX  
607-734-8783



CORPORATE OFFICE  
1430 SULLIVAN STREET ELMIRA, NY 14901



WWW.SIGNSSAFETY.COM



**NOTES:**

1- Material BLEND HDPE + LDPE

2- Wall thickness must be 0.090".

3- Flash will be less than 0.030"

4- Part must be clean of oil and dust on collars zone.

5- Part should not be bent or twisted.

6- Part must be properly protected during shipment to prevent damage.

7- Wall thickness:

Bottom zone should be 0.120 +/- 0.030

General should be 0.090 +/- 0.030"

**System Certification**

- FHWA Eligibility: Control Number WZ-348
- Safety Rating: MASH Test Level 3 (TL3) Compliant
- Application: High-speed temporary traffic control & lane channelization

**Physical Dimensions (Panel)**

- Overall System Height: 45.6" (Panel + Base)
- Panel Height: 45.0" (1.1 m)
- Top Width: 9.0" (229 mm)
- Base Width: 14.7" (373 mm)
- Tapered Depth: 8.9" (bottom) to 0.7" (top)

**Base Specifications**

- Material: 100% High-Compression
- Recycled Tire Rubber
- Weight: 30.0 lbs (13.6 kg)
- Footprint: 28.0" L x 20.5" W x 1.8" H
- Stability: Designed for anti-skid performance without additional ballast

**Material & Mechanical Properties**

- Polymer Composition: Impact-resistant blend of HDPE (High-Density Polyethylene) and LDPE (Low-Density Polyethylene).
- Wall Thickness (General): 0.090" ± 0.030"
- Wall Thickness (Impact Zone): Reinforced bottom zone 0.120" ± 0.030"
- Environmental Resistance: UV-stabilized Safety Orange; engineered for high-heat and sub-zero flexibility.

**Manufacturing Quality Standards**

Flash Tolerance: < 0.030" for seamless stacking/nesting.