



HIGHWAY SAFETY CORPORATION

PRODUCT SHOWCASE

Highway Safety Corporation has been serving the highway construction industry for over 30 years.

We are a major manufacturer and supplier of highway guardrail products, end terminals, bridgerail and overhead sign structures. In 2000 we became

American Institute of Steel Construction (AISC) Quality Certified.

This allows us to manufacture many types of engineered specialty products such as pedestrian bridges and cell tower components.

Both of our fabricating plants in Glastonbury, CT and Marion, OH have hot dipped galvanizing plants located on site and are conveniently located for fast and efficient service.

Corrugated Guardrail and Box Beam Barriers

Highway Safety provides **Highway Guardrail** with 10 GA and 12 GA panel in 12'6" and 25' lengths and box beam. Steel line posts are available in all lengths and beam sizes with steel, wood or plastic offset blocks. Galvanized or weathering steel components are available.



End Treatments

FLEAT™

The FLEAT (FLared Energy Absorbing Terminal) offers significant safety and economical advantages over other parabolic curved flared terminals. The rail is installed at a “straight” flare (with a 2'6" – 4'0" offset), and thus requires much less layout time than parabolic systems. With interchangeable parts with our other products and significantly fewer small components, installation and maintenance time is greatly reduced.



BEAT™ and BEAT-MT™

A new concept in box beam barrier protection, the BEAT (Box Beam Bursting Energy Absorbing Terminal).



SKT™

The SKT (Sequential Kinking Terminal) is the highest performance tangent end terminal on the market.



BEAT-SSCC™

The BEAT-SSCC (Single Sided Crash Cushion) is a new and revolutionary system that meets a need for which options are limited.

It attaches directly to bridge abutments, rigid barrier ends and many bridge rails, offering a low-cost alternative to other crash cushion systems for these and other locations.

The BEAT-SSCC has been crash tested on the backside for both directional and bi-directional traffic.



Low Tension Cable Systems

If the cable system in the pictures below does not look familiar to you, that may soon change. Due to the increasing instances of crossover accident fatalities, many states are adopting a median cable system to prevent such occurrences. North Carolina was the first to adopt an aggressive program to install median cable in high

crossover accident locations, with a fantastic rate of success. Since then, numerous states have implemented, or are strongly considering similar systems. If your state uses median cable or adopts it in the near future, Highway Safety can be your one-stop shop for posts, hardware, cable, and breakaway end treatments.



High Tension Cable Systems

The **SafeRoads** U.S. High Tension-cable barrier system offers a unique combination of effective protection, visual appeal and overall economy in both the median and guide rail applications. **It offers a deflection of less than 2 meters.** It utilizes three

3 x 7 steel cables, tensioned up to 5,600 lbs and attached to Marion Steel Rib-Bak U-channel steel posts by unique hook bolts. It is anchored at both ends into FHWA- approved end terminals. It is easy to maintain and repair.

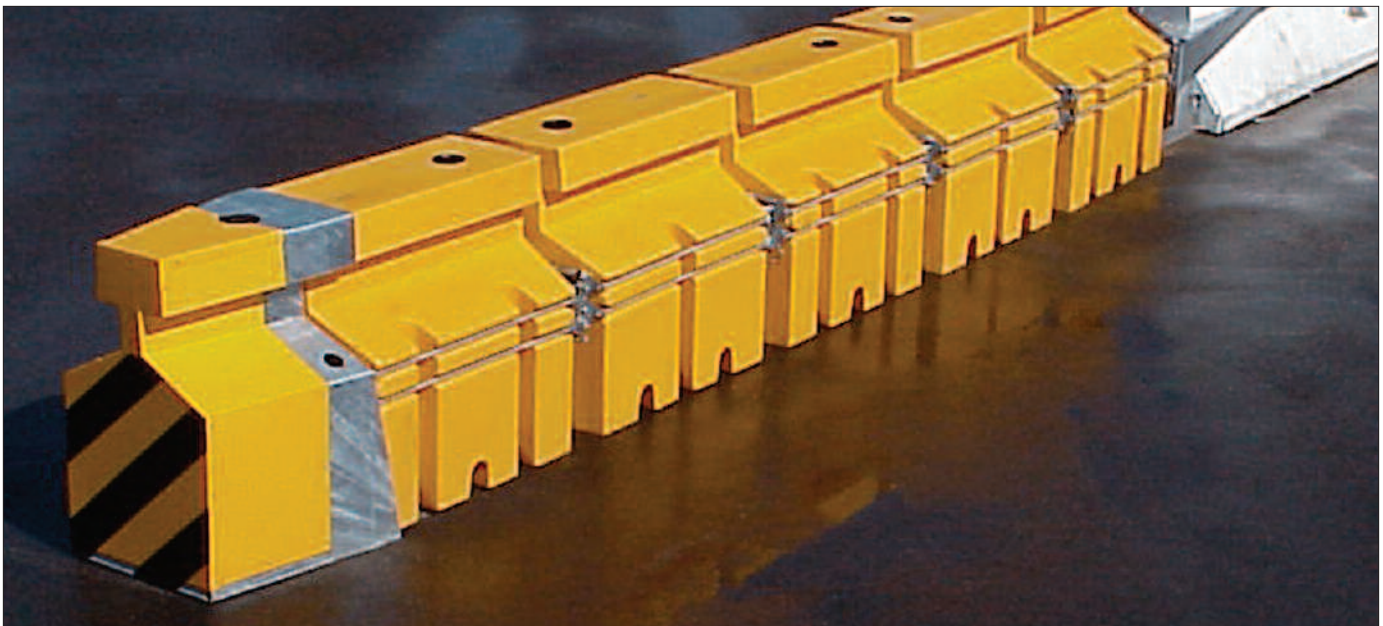


Crash Cushions

Universal TAU-11 Family of Crash Cushions

The system consists of a full line of crash cushion products that have been tested to meet NCHRP Report 350, Test Levels 2 and 3. The system is provided in lengths and capabilities for both low and high speed applications (30 to 70 mph). The system can cover hazards with widths up

to 2.6 meters and is redirective and non-gating. The system is ideally suited for narrow hazards such as ends of rigid barriers, tollbooths, utility poles, left exits in high volume traffic areas and high-speed systems with narrow medians. It has very low debris buildup with very low life-cycle costs. It's easy to install and quick to restore.



ABSORB 350 Crash Cushion

This system offers maintenance workers and contractors a reliable and easy method to protect the ends of concrete barriers. The system can be attached to the end of either permanent or portable concrete barriers without the need to anchor the system to a roadway

surface. At 2 feet wide, it is ideally suited for narrow areas where road and workspace is limited. It is NCHRP Report 350, Test Level 2 and 3 approved. It restores in minutes and is easy to maintain, with no sand clean up. It has superior overall performance to sand barrels for narrow hazard protection.

Steel Gate System for Median Barrier Openings

SafeGuard® Gate System

The SafeGuard Gate System is a heavily reinforced steel barrier that is designed for emergency openings. It is ideally suited for permanent and stationary work

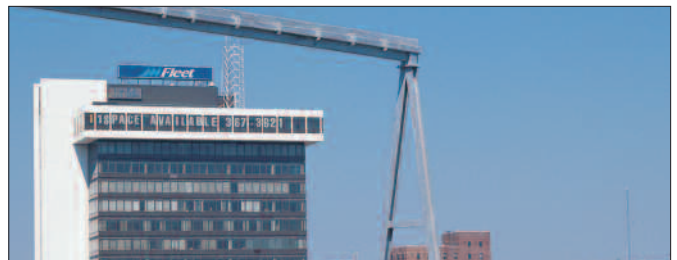


zone barriers where emergency vehicles, maintenance crews and emergency evacuation access may be needed and positive barrier protection is required. The system can be quickly and easily opened or closed without expensive electrical power, supplies or sophisticated control systems. The system has been fully tested and approved in accordance with the evaluation parameters in NCHRP Report 350, Test Level 3 (100km/h).

The system is designed for use in the following applications:

- Emergency vehicle and evacuation access
- Traffic rerouting
- Permanent and stationary work zones
- Maintenance crew openings

Overhead Sign Structures



Tubular Arch Overhead Sign Support Structures



Steel Backed Wood Guardrail

This guardrail was developed by the Connecticut Department of Transportation. It is a weathering high strength steel backed wood rail supported by W6x15 weathering high strength steel posts on 10 foot centers. The rail element consists of 6" x 12" wood beams backed with 6" x 3/8" thick steel plates and splices to provide tensile

continuity. Height to the top of the rail is 30". A wood block measuring 4" deep x 8" wide x 11" high separates the rail element from the posts to minimize snagging. This barrier was tested to NCHRP Report 350, TL-3, and is approved by the Federal Highway Administration. It is known as Merritt Parkway Aesthetic Guardrail.



Pedestrian Bridges

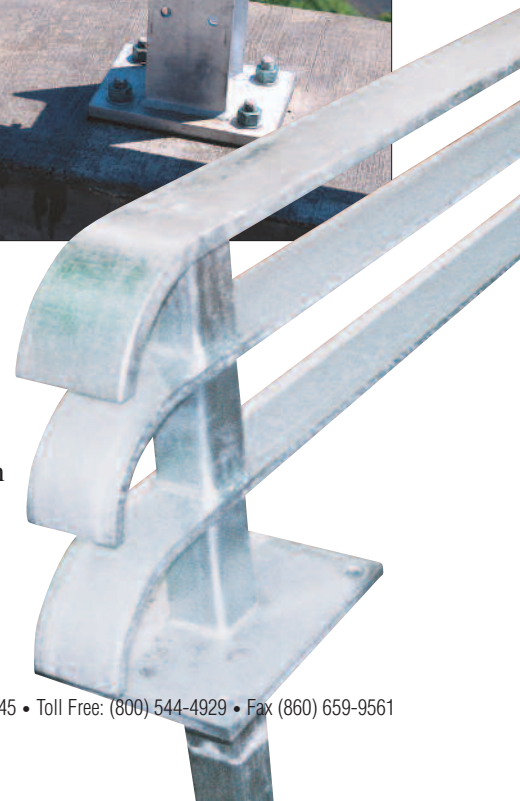


Design and fabrication performed in-house. Hot-dip galvanized steel, weathering steel or painted applications.

Bridge Railing



Ever since Highway Safety Corporation has been qualified to AISC requirements, we have developed into one of the leading bridgerail manufacturers in the Northeast. The quality and service our company has always been noted for in the guardrail industry has translated very effectively into the specialty railings market. Our sales, engineering, and fabricating departments have worked successfully on numerous projects requiring on-time drawings and tight deadlines. Installers and project owners alike have been pleased with the high level of service we have brought to this segment of the industry. If your next job has bridgerail requirements, Highway Safety Corporation will be pleased to provide you a competitive quotation.



Product List

- Highway Guardrail
- Box Beam
- Low Tension Cable Systems
- High Tension Cable Systems
- Steel Backed Wood Guardrail
- Bridgerail
- Overhead Sign Structures
- Crash Cushions
- End Terminals
- Steel Gate Systems
- Pedestrian Bridges
- Hot Dipped Galvanizing



Highway Safety Corporation
Corporate Headquarters
239 Commerce Street
P.O. Box 358
Glastonbury, CT 06033-0358

Phone: (860) 633-9445
Toll Free: (800) 544-4929
Fax (860) 659-9561

Highway Safety Corporation
Midwest
473 West Fairground Street
Marion, OH 43302

Visit our Web site at:
www.highwaysafety.net