



**REACT 350<sup>®</sup>**



**TRINITY**  
**HIGHWAY**

*Ahead of the Curve<sup>™</sup>*

# REACT 350®

The REACT 350® consists of High Molecular Weight/High Density Polyethylene (HMW/HDPE) cylinders. The system is NCHRP 350 Test Level 1, Test Level 2 and Test Level 3 compliant as a redirective, non-gating crash cushion. When impacted within NCHRP Report 350 criteria, the REACT 350 has shown self-restoring characteristics after being impacted at 62 mph by a 1,808 lb (820 kg) car, and then two (2) successive impacts by a 4,409 lb (2,000 kg) pick-up truck without being repaired or reset. The REACT 350 can be used to shield narrow fixed objects of up to 36" (910 mm) wide.

The system can be utilized in permanent and work zone sites, or where traffic congestion and maintenance management is a concern for work crews.

# EASY MAINTENANCE

## Features

- Sectional construction with energy-absorbing, potentially reusable HMW/HDPE cylinders.
- Minimal maintenance and repair of major components.
- Systems available for various lengths, widths and speeds.
- Low life cycle costs.
- Cylinder covers available.

## Assembly and Maintenance

- When impacted within NCHRP 350 Report criteria, crash testing results have shown that the system may regain much of its original shape and capacity with minimal maintenance and repair of major components.
- Units with self-contained backup arrive fully assembled.
- NCHRP 350 testing impacts require little to no major component replacement resulting in low life cycle cost.
- Installs on new or existing concrete pad.
- Anchorage options include: asphalt, concrete, or soil-drive pile.

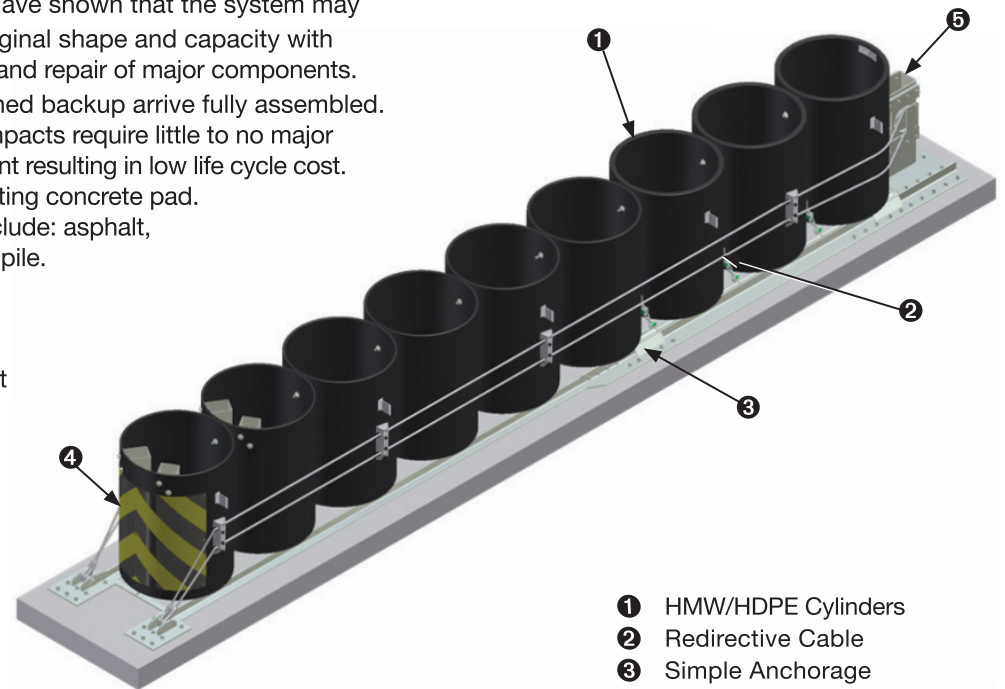
## Back Up Structures and Attachments

- Portable or permanent concrete barrier(s).
- Bridge pier(s).
- Bridge parapet(s).
- Square block(s).
- W-beam.
- Thrie-beam.
- Self-contained backup structure(s).
- Concrete backup structure.

## Specifications

Typical Nine Cylinder TL-3 Unit Shown (Custom Configurations Available):

- 30' 3" Long (9.35 m) Self-contained Backup Structure
- 28' 9" Long (8.80 m) Concrete Backup Structure
- 36" (910 mm) Width at Backup Structure
- 4,080 lbs. (1,851 kg) Self-contained Backup Structure
- 4,310 lbs. (1,955 kg) Concrete Backup Structure



- 1 HMW/HDPE Cylinders
- 2 Redirective Cable
- 3 Simple Anchorage
- 4 Directional, Reflective Nose
- 5 Backup

An original  ENERGY ABSORPTION SYSTEMS, INC. product.

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