



REACT 350[®]



TRINITY
HIGHWAY

Ahead of the Curve[®]

REACT 350[®]

The REACT 350[®] is a redirective, non-gating crash cushion that consists of High Molecular Weight/High Density Polyethylene (HMW/HDPE) cylinders. It is tested to NCHRP Report 350 Test Level 1, Test Level 2, and Test Level 3. The system has shown self-restoring characteristics when impacted within NCHRP Report 350 crash test standards at 62 mph by a 1,808 lb. (820 kg) car, and then two successive impacts by a 4,409 lb. (2,000 kg) pick-up truck.*

The REACT 350[®] crash cushion can be used to shield narrow fixed objects of up to 36" (910 mm) wide. It can be utilized in permanent and work zone applications, or where traffic congestion and maintenance management is a concern for work crews.

Features

- Sectional construction with energy-absorbing, potentially reusable HMW/HDPE cylinders.*
- Systems available for various lengths, widths, and speeds.
- Optional cylinder covers available.

Assembly and Maintenance

- Installs on new or existing concrete pad.
- Anchorage options include asphalt, concrete, and soil-drive pile.
- Units with self-contained backup arrive assembled.
- Crash testing results have shown that the system may regain much of its original shape and capacity when impacted within NCHRP Report 350 crash test standards.*
- Major components are potentially reusable when impacted within NCHRP Report 350 crash test standards.*

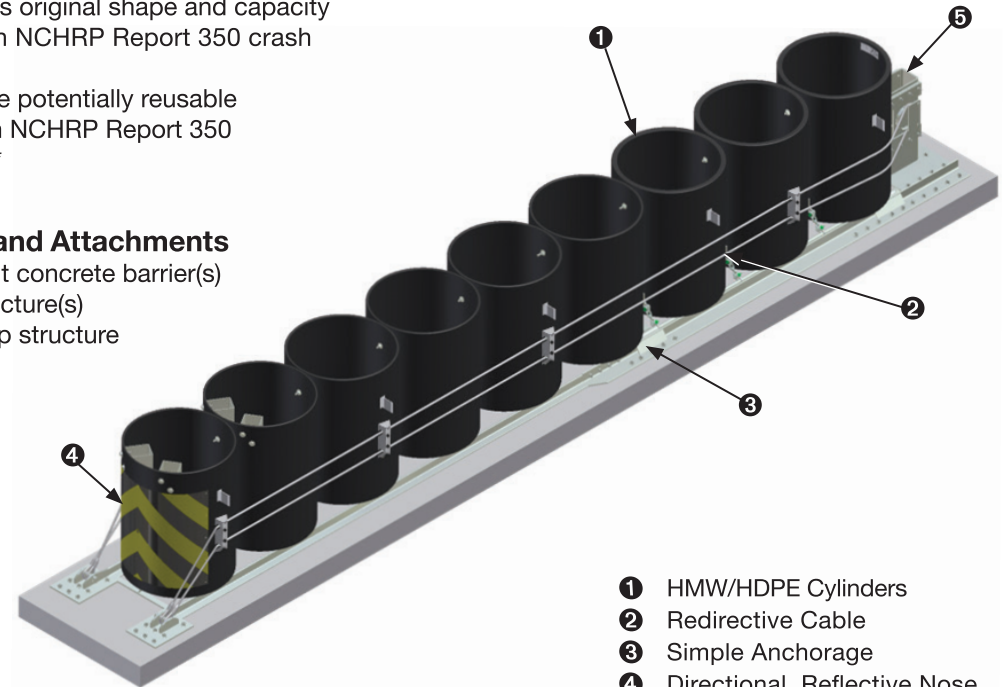
Back-Up Structure and Attachments

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

Specifications

Typical Nine-Cylinder Test Level 3 Unit Shown

- 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
- Custom Configurations Available



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

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REACT 350[®] II



TRINITY
HIGHWAY
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REACT 350[®] II

The REACT 350[®] II is a redirective, non-gating crash cushion that consists of 6 High Molecular Weight/High Density Polyethylene (HMW/HDPE) cylinders attached to a steel base track. It is tested to NCHRP Report 350 Test Level 3.

The system has shown self-restoring characteristics when impacted within NCHRP Report 350 crash test standards at 62 mph by a 1,808 lb. (820 kg) car, or by a 4,409 lb. (2,000 kg) pick-up truck.* The REACT 350[®] II crash cushion can be used to shield narrow fixed objects of up to 3' (914 mm) wide.

Back-Up Structure and Attachments

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

Features

- HMW/HDPE cylinders.
- Optional cylinder covers available.
- Various cylinder wall thicknesses designed to help withstand impact by light cars or heavier, high-center-of-gravity vehicles.

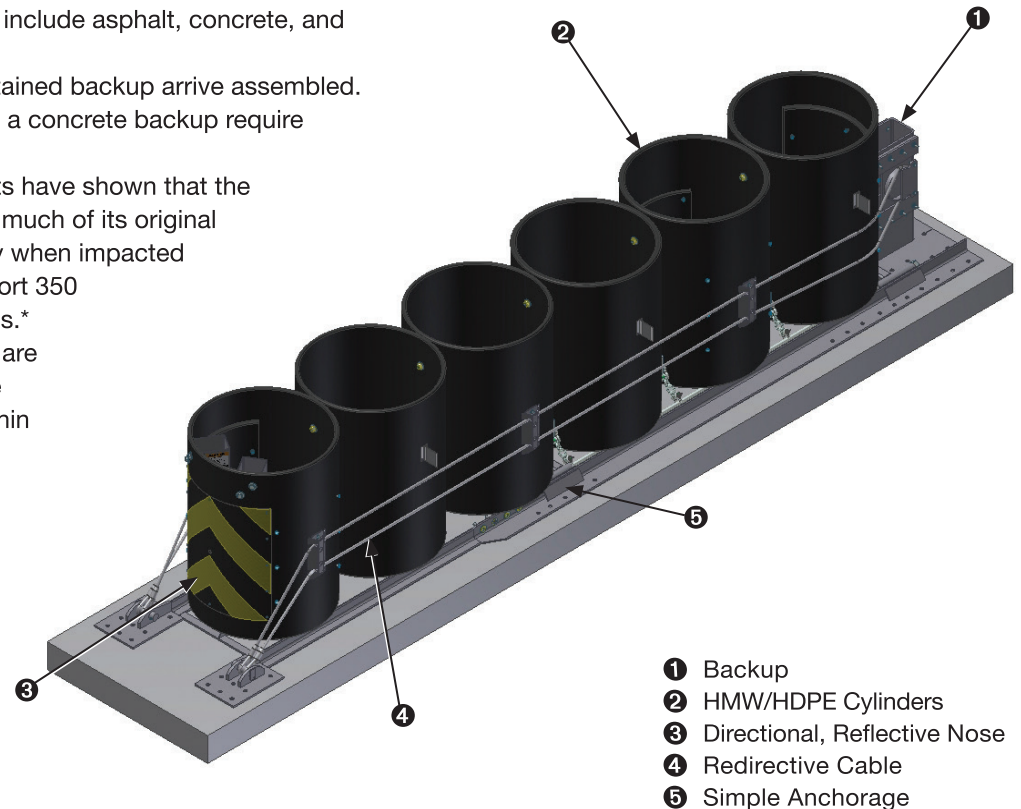
Assembly and Maintenance

- Installs on new or existing concrete pad or asphalt.
- Anchorage options include asphalt, concrete, and soil-drive pile.
- Units with self-contained backup arrive assembled.
- Units that mount to a concrete backup require onsite assembly.
- Crash testing results have shown that the system may regain much of its original shape and capacity when impacted within NCHRP Report 350 crash test standards.*
- Major components are potentially reusable when impacted within NCHRP Report 350 crash test standards.*

Specifications

Test Level 3 System

- 21' 2¾" Long (6.47 m) Self-Contained Backup Structure
- 19' 5" Long (5.92 m) Concrete Backup Structure
- 3' 10¾" Width (1.19 m) at Backup Structure
- 4' 3½" High (1.31 m)
- 3,470 lbs.



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REACT 350[®] Wide



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REACT 350[®] Wide

The REACT 350[®] Wide is a redirective, non-gating crash cushion that consists of High Molecular Weight/High Density Polyethylene (HMW/HDPE) cylinders. It is tested to NCHRP Report 350 Test Level 1, Test Level 2, and Test Level 3.

The system has shown self-restoring characteristics and may regain much of its original shape and capacity when impacted within NCHRP Report 350 crash test standards.* The REACT 350[®] Wide crash cushion can be used to shield fixed objects with three system widths of 60" (1.525 m), 96" (2.440 m), and 120" (3.050 m).

Features

- Sectional construction with energy-absorbing, potentially reusable HMW/HDPE cylinders.*
- Systems available for various lengths, widths, and speeds.
- Delivered preassembled.
- Optional cylinder covers available.
- Monorail base designed to help provide lateral strength.

Assembly and Maintenance

- Installs on new or existing concrete pad.
- Anchorage options include asphalt, concrete, and soil-drive pile.
- Major components are potentially reusable when impacted within NCHRP Report 350 crash test standards.*

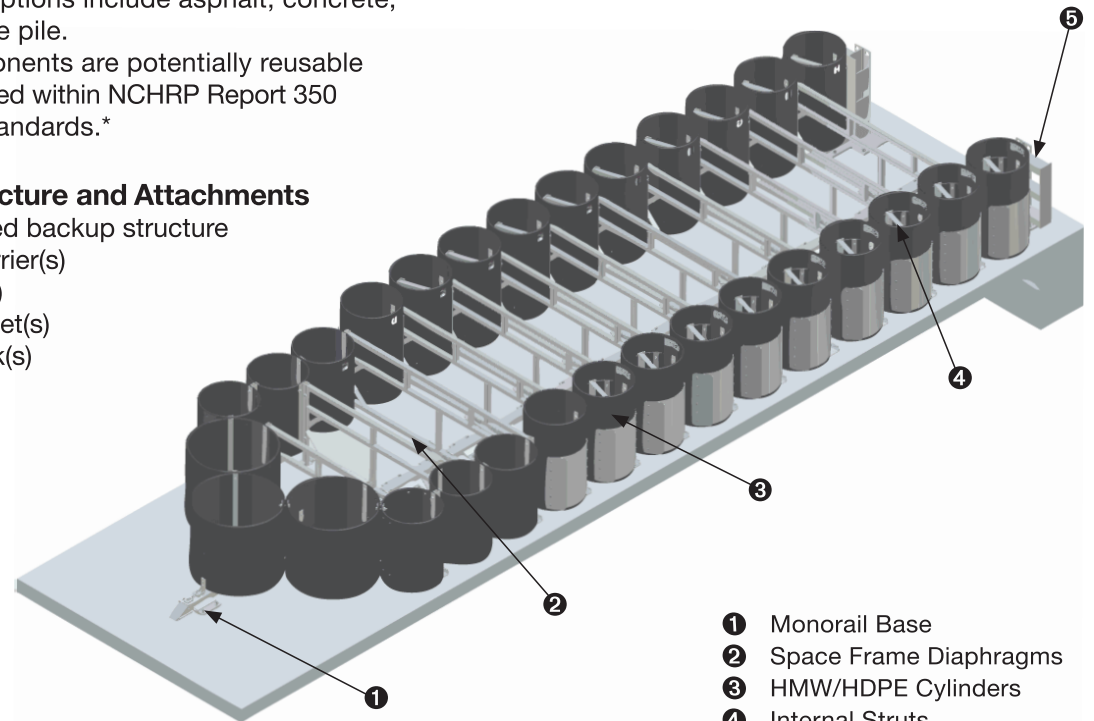
Back-Up Structure and Attachments

- Self-contained backup structure
- Concrete barrier(s)
- Bridge pier(s)
- Bridge parapet(s)
- Square Block(s)

Specifications

Typical 60" Width at Backup Shown
(Available in widths of 60", 96", & 120")

- 30' 10" Long (9.4 m) Self-Contained Backup Structure
- 30' 7" Long (9.2 m) Concrete Backup Structure



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