



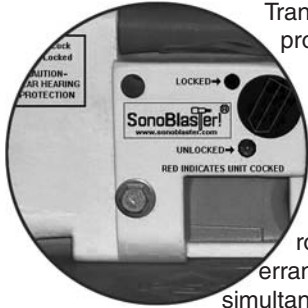
S.M.A.R.T. News

Safety Materials and Research Technology News from Transpo Industries, Inc.

Issue Twelve

Winter 2007

Transpo's Newest Safety Product



Transpo Industries newest product for construction zone safety is the SonoBlaster® Dual Alert™ Work Zone Intrusion Alarm. SonoBlaster® is an impact activated safety device that warns roadway workers and errant vehicle drivers simultaneously to help prevent injuries in our nation's roadway work zones.

The NCHRP 350 accepted SonoBlaster® mounts on typical work zone barricades, cones, drums, delineators, A-frames and other barriers. Upon impact by an errant vehicle, the SonoBlaster's built-in CO² powered horn blasts at 125 dB to signal workers that their protective zone has been violated, allowing them critical reaction time to move out of harms way. The SonoBlaster's loud alarm can also alert distracted or drowsing drivers, allowing them to steer clear of the work zone or brake prior to reaching workers or equipment. Distracted drivers are a major cause of work zone crashes.

Often only a soft plastic cone separates workers from danger. Over the last five years, the number of persons killed per year in motor vehicle crashes has risen to an average of 1,020 fatalities with 53,000 annual injuries. Many work zone crashes occur when cars and trucks silently drift into roadwork zones, collapsing safety barriers without making enough noise to alert workers of oncoming danger.

For more information, please visit our website:
www.transpo.com/sonoblaster.htm



Engineers and news media watch an EnviroSafe™ installation in Norwalk

Transpo Goes Green

A city in Connecticut expanded its effort to keep stormwater runoff from entering Norwalk harbor and Long Island Sound by adding forty-five catch basin filters to storm drains at Veterans Memorial Park. These EnviroSafe™ installations, funded by a grant from the National Fish and Wildlife Foundation, took place in the park on a cold and windy day in mid-January.

Afterwards, about twenty individuals attended an informative luncheon lecture at the nearby Maritime Aquarium. Transpo CEO Arthur Dinitz introduced Julie Belaga, former Regional Administrator of the EPA and current board member of Save the Sound. Ms. Belaga spoke on the need for local stormwater filtration. Following this was a technical presentation by Product Manager Steve Orman and Product Developer Jack Peter Sr. A question and answer period followed.

EnviroSafe™ is designed to fit into existing stormwater drains to capture and filter the many pollutants common to stormwater runoff. These include trash, debris, sediments, oils, grease as well as soluble metals. This economical filtering technology incorporates a potent antimicrobial treatment that inhibits bacteria, virus and mold growth.

For more information, please visit our website:
www.transpo.com/envirosafe.htm



A Pole-Safe® Story



Transpo's N.W. regional sales manager Kathy Johnson relates this story from the early 1990's:

"I met up with a few FHWA engineers from Portland who were in Fairbanks for some training with the Alaska DOT. We decided to go out to dinner together and I volunteered to drive. After dinner, I was mentioning the benefits of Pole-Safe® as we were passing pole after pole that were using the system. As we rounded a corner there was a downed pole! I stopped the car on the shoulder so we could all get out and take a look.

The Pole-Safe® couplings fractured as designed, with no apparent pole damage. The engineers were very impressed. The next morning, my first appointment was with regional traffic engineer Ron Tanner. I told him about the downed pole. He was well aware of it and had decided to remove it from that location along the curve as it was the third impact at the same site. Three impacts on the same pole... and all they had to do was replace the couplings."



Pole-Safe® omni-directional breakaway supports

Break-Safe® for the AZ DOT



One of the 3 post signs in Arizona with Break-Safe® Couplings

The Arizona Department of Transportation has made a change from the slip base breakaway design of multiple wide flange steel sign supports used for interstate signing. After field evaluations it was determined that omni-directional breakaways were in the best interest of the motorists. They also decided that breakaways that did not rely on specific torque values were very positive for maintenance crews because field checking of torque was eliminated.

The omni-directional system had to be in compliance with NCHRP 350. The system also had to be performance tested for crashes at a minimum of 0, 45, 75 and 90 degree impact angles. Systems which specify bolt torque requirements shall not be used. Break-Safe, Omni-Directional Breakaway Sign Support Systems meets these criteria.

Interwest Safety Supply, an Arizona distributor for Transpo Industries, provided over 100 assemblies on a recent I-10 sign upgrade project to ABBCO Sign Group, prime contractor for the project. Future projects are pending.

Please visit our website
www.transpo.com

Conventions/Conferences

- | | | |
|----------|----------------|-------------------------|
| ■ ASLRRA | Baltimore, MD | April 22-24, Booth #422 |
| ■ NACE | Milwaukee, WI | April 22-26, Booth #312 |
| ■ NYSATE | Binghamton, NY | May 14-18 |