



S.M.A.R.T. News

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

Volume Two

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ARTBA National Highway Safety Awards



Transpo Founder Art Dinitz (R) & FHWA Chief Highway Safety Engineer Rudy Umbs (L) receive National Safety Awards.

The American Road & Transportation Builders Association honored industry leaders with awards during the 100th Anniversary mid-year meeting held in New York City on October 28, 2002.

Arthur M. Dinitz was the private sector recipient and Rudolph M. Umbs was the public sector recipient of the John "Jake" Landen Memorial Highway Safety Award. Established in 1989 in memory of safety industry leader and past ARTBA chairman J.C. Landen, this annual award recognizes outstanding contributions to highway safety.

Mr. Dinitz has spent nearly 35 years focused on transportation safety issues as chairman and CEO of Transpo Industries, Inc. (www.transpo.com) Arthur has also been an active leader in ARTBA, serving as president of the association's Transportation Safety Industry Division. He also serves as a representative on the AASHTO-AGC-ARTBA Joint Committee and co-chairs its Committee on New Technology and Materials.

Mr. Umbs has helped lead the FHWA's efforts to make highways safer through improved planning, design, construction and maintenance. He's served as the FHWA's leading manager in the National Work Zone Safety Information Clearinghouse, based at the Texas Transportation Institute.

ARTBA (www.artba.org) has represented the U.S. transportation construction industry in Washington D.C. for the past 100 years.

Transpo Provides "The Ultimate Solution"

In 2001, construction firm KiSKA USA, Inc. was searching to find the right material to cover 24,000 feet of steel walkway hanging from the sides of the **Marine Parkway Bridge** in Brooklyn, NY. When KiSKA discovered just how simple it was to apply Transpo's T-48 epoxy overlay system, they decided not to sub-contract the job out. Their own people applied the one-quarter-inch thick T-48 in record time over the summer, resulting in a very happy owner, the Triborough Bridge and Tunnel Authority.

This strong-bonding, flexible, long-lasting, wear, skid and corrosion-resistant system, had been "tried and true" before, on the Poplar Street Bridge in St. Louis, Missouri. The eight-lane bridge, carrying over 150,000 vehicles across the Missouri River each day, had been using the same T-48 coating since 1992, with very limited maintenance. There has been no loss of skid resistance or excessive wear over the ten year duration.

T-48 was the only material that passed a rigorous test for this special project, where all other products failed. This was the first use of this system on a large steel deck subjected to a combination of severe environmental and heavy traffic conditions. The University of Missouri did the original testing which selected T-48 as the specified system with an estimated service life of 25 years.

The secret of the T-48 system lies in the premium quality, polysulfide epoxy with high UV resistance, elongation of over 45% and ease of installation on steel, concrete and FRP decks. T-48 is easy to maintain with limited resources. To find out how T-48 can work for your next project, please phone John Karlson at 1-800-321-7870, extension 654.



Marine Parkway Bridge



20 Jones St.
New Rochelle NY 10801-6098

Transpo International

When Arthur Dinitz lectured about breakaway systems at the Transportation Ministry of Israel in 1988, Sheila and Avery Harris joined the group. Following the meeting, the Harris' found officials interested in Transpo's **POLE-SAFE™** couplings. They saw a potential for sales in Israel, and became fully involved in promoting the product.

In 1992, the Harris' became Transpo Israel Ltd., successfully marketing over 10,000 **POLE-SAFE™** sets. They recently received Israeli government approval for use of the double neck design.

For the past 10 years they've been working throughout the Transportation Ministry, Public Works Department, Highway Safety Commission and various municipalities to incorporate the concept of a "Forgiving Highway".

Various Israeli agencies determined that break-away systems and crash cushions must be used on the highways to make roads safer (Israel has one of the highest fatality ratios in the world). The next step was to teach individual road design engineers, how to incorporate these products into their original drawings. Touring the country and giving informative presentations to many engineering firms, has kept Sheila and Avery Harris very busy.

Transpo Israel has recently begun developing the European Market for Transpo's road safety products, specifically omni-directional breakaway supports. The Harris' are working with various marketing companies with experience in highway safety products within the EU and Eastern Europe. The first customer outside of Israel has been Turkey.

Sheila and Avery Harris find no greater satisfaction than knowing they are contributing to saving lives on the highways.

BLAST-SAFE™ in Ohio

Central Ohio is more than the birthplace of aviation and the home of the Buckeyes, it's also home to one of the fastest growing U.S. airports: Columbus International Airport. Who would have thought a postal facility built 20 years ago to service airmail could ever be exposed to jet-blast from arriving planes at the new Concourse C Terminal?

URS Griener consulting engineers were challenged to provide security and protection for the mail trucks servicing the aircraft. The engineers found a functional, cost-effective and aesthetically pleasing design with Transpo's **BLAST-SAFE™** jet-blast barrier fence system. Four different height elevations with multiple angles, stepped from 14 feet to 8 feet, were used to completely secure the area between Concourse C and the postal facility.

The Paul Peterson Company installed the 450 feet of blast fence in record time and on budget. The narrow profile of **BLAST-SAFE™** promotes maximum utilization of the operational area of the Columbus International Airport.

Streaming Media Presentation

In honor of their 150 anniversary, the American Society of Civil Engineers launched a website for CE World. The virtual conference shares some technical information on Transpo's **Kingston-Rhinecliff Bridge** rail replacement project.

This streaming media slide show can be viewed using the Real Player plug-in by going online to:
<http://www.ceworld.org/ceworld/Presentations/TransportationInfrastructure/The-Kingston-Rhinecliff-Bridge-Deck-Replacement-Project.cfm>

Conventions/Conferences

- **ARTBA** International Work Zone Safety, Orlando, FL Dec. 3 - 7, 2002
- **TRB** Annual Meeting, Washington, DC January 12 - 16, 2003
Marriott Hotel Suite #5023 Sun. - Tues. 5 - 9pm
- **ATSSA** 33rd Annual Convention & Traffic Expo Jan. 31 - Feb. 4, 2003