



*Product: Transpo's T-17 Rapid Patch
Project: Airfield Pavement Rehab,
CIP #4910-8107-3081, CIP ID# 6000-028
Location: Bergstrom International Airport, Austin TX
Size: 5-7,000 Square Feet, Min. 2.5" Deep
Engineers: URS Corporation/CH2MHill, Austin TX
Contractor: EAS Construction LP, El Paso TX
Project Manager: Bobby McClelland*

Runway Rehab in Austin

Austin-Bergstrom International Airport (AUS) has been carefully planned to meet the needs of Central Texans well into the 21st century. A multi-use facility, the airport serves general aviation, commercial aviation, the State Aircraft Pooling Board and the Texas Army National Guard.

The airport's parallel runways were experiencing some spalling with the concrete at the construction joints. Because broken concrete pieces might be drawn into an aircraft engine, causing severe damage, airport engineers developed a rehabilitation project to repair all of the existing spalls.

Repair material had to have high-compressive strength and rapid cure time so the "down" time for runways could be kept to a minimum. Transpo's T-17 Methyl Methacrylate Polymer Concrete was selected to complete the repairs.

T-17 patching material has a strong bond (no cold joints) to the existing concrete. It is waterproof and freeze-thaw resistant, as well as chemical and UV light resistant. With a large application temperature range (14-100° F) and rapid cure time (45 minutes at 70° F) a quick return to service is possible. T-17 is easy to handle in all working conditions and requires no special equipment. It has been used at some of the largest airports for over 20 years and continues to be the material of choice for concrete runway and tarmac rehabilitation.

Planned for Four Days, Finished in One!

A successful slurry overlay project is the talk of Davidson County TN. The Chickasaw Bridge, spanning the Ellington Parkway, was slated for a four day rehabilitation by contractor Jamieson Construction.

The bridge (named for a Native American tribe) required frequent patching. The Tennessee DOT selected Transpo's T-48 polysulfide epoxy resin based system for rehabilitating the aging surface. T-48 resists the effects of UV degradation, while the unique slurry application method allows for easy installation with minimum traffic disruption. The 3/8" thick waterproof overlay adds minimal dead load to the structure (3 to 4 lbs/ sq ft), while the broadcast aggregate surface will maintain high skid resistance for many years. The reduction of permeability means less rust and spalling!

With one lane of traffic open to the public, Jamieson Construction planned this bridge preservation project to take four days to complete. However, due to the speed of the crew working with easy-to-apply materials; it was done in just twelve hours. Work began at dawn... and as dusk approached... the contractor decided that the project might be finished in a few more hours. Temporary lights were rented and work continued. The additional cost of the light rental was small compared to the savings realized in reduced labor and traffic control.



***Material: Transpo's T-48 Slurry
Location: Chickasaw Bridge, TN
Contract: Project #19960-4216-04
Size: 26,000 Square Feet
Application Time: 12 Hours
Owner: Tennessee DOT
Contractor: Jamieson Construction
Supplier: Hiwassee Materials, Charleston TN, John M. Simpson, P.E.***

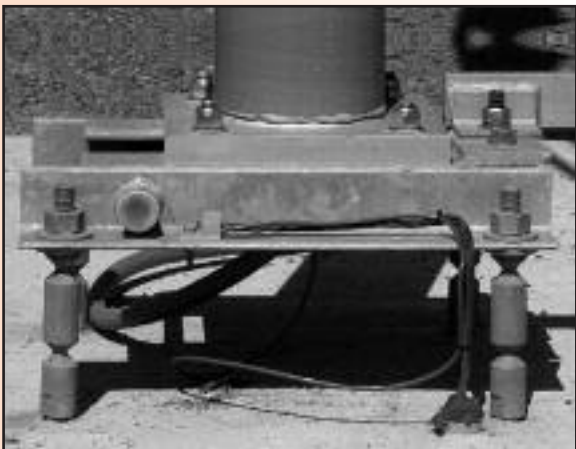
20 Jones St.
New Rochelle NY 10801-6098
914-636-1000

Airport Ground Safety

Dulles International Airport (IAD) in Chantilly, VA is the newest location for Transpo's POLE-SAFE[®] omni-directional frangible breakaway support fuse bolt.

Jaquith Industries of Syracuse, NY manufactured all the LIR frangible masts and supplied POLE-SAFE[®] model 4075 frangible couplings to J. Schouten Construction. The photo shows the new low impact-resistant mast supporting the ALSF2 High Intensity Approach Lighting Dual Mode System. Mounted on POLE-SAFE[®] frangible fuse bolts at the North and South ends of the new fourth runway 1/19, it is scheduled to open in 2008.

The unique omni-directional design of the POLE-SAFE[®] frangible couplings assures the coupling breaks away with consistent, predictable behavior regardless of the angle of impact. FAA requires frangibility on airfield approach lights and edge lights. The high strength frangible coupling is designed to breakaway quickly and cleanly upon impact, making all elevated equipment frangible mounted for added safety. POLE-SAFE[®] also meets ICAO requirements for frangible connectors or fuse bolts as specified in Chapter 4 of the Aerodrome Design Manual, part 6, AN/901.



For airside safety, the FAA requires that breakaway fuse bolts be added to airport approach lighting supports

Break-Safe[®] Certification for the "New Kid"



Transpo Industries Break-Safe[®] installation and certification class has proven to be a popular choice for many DOT's. Sign contractors doing state DOT sign projects and staff need to be knowledgeable as to the correct procedures of installing various breakaway systems. Break-Safe[®] offers omni-directional capability as the safest breakaway system for steel sign supports in the industry.

The May 2009 certification class became a handy training guide for new Transpo Midwest Regional Sales Manager Michael Koile. He joined Kathleen Johnson (*pictured on left*), Western Regional Sales Manager, as she certified contractors from Road Products, Inc. of Spokane, WA.

As of January 2008, Washington State DOT sign installer sub-contractors must take the four hour exam and test to be a certified installer. Transpo Industries, with their distributors have certified countless crews throughout the country in the past five years.

If your agency would like to schedule our class, which is given at no cost, please contact us at info@transpo.com.

Introducing Michael Koile, Midwest Regional Sales Manager

Michael Koile (*pictured, right inset*) is a fourth generation railroader from Kansas City MO. He has over thirty years of management experience in sales and marketing for Class A and Shortline Railroads and did a stint as a college adjunct professor. Besides regional sales responsibility, he will be the product specialist for Transpo's BODAN[®] road/rail crossing system.