



Transpo Industries, Inc. manufactures a variety of innovative products and materials designed for improving rail and road safety. The company's reputation as an expert in rehabilitation, preservation and safety has made Transpo a leading supplier since 1968.



WWW.TRANSPO.COM

Bodan® LEVEL R.R. CROSSING SAFETY SYSTEM

Improves Safety and Reduces Maintenance at Railroad Crossings

Transpo Industries Bodan® Level Crossing Safety System is a unique precast reinforced polymer concrete panel design in use worldwide. Standard panel sizes as well as custom shapes make installation on any rail crossing geometry possible. The Bodan® system uses a bridge design concept, which transfers all vehicular axle loads directly to the railroad rails. Unlike other level crossing systems Bodan® does not rely on the railroad ties for attachment or support.

Once installed, Bodan® will maintain a consistent level riding surface even under heavy traffic volumes. The precast panels have an exposed aggregate surface which provides a highly skid resistant surface even in wet conditions.

The Unique modular panel design allows for easy removal and re-installation for track inspection and routine maintenance. Physical testing on Bodan® panels has shown they are capable of withstanding truck axle loads in excess of 44,000 lbs.



The only breakaway system with proven, consistent and predictable behavior when impacted.



SAFER TRANSPORTATION THROUGH INNOVATION

Bodan®

LEVEL R.R. CROSSING SAFETY SYSTEM

Features and Advantages

High Load-Carrying Capacity:

Transpo's Bodan® Level Crossing System incorporates a high-strength, bridged panel design hinged between the rails. The Bodan® system is capable of supporting heavy loads without damaging track components. Traffic loads are distributed through the rails and uniformly dispensed over multiple sleepers, significantly reducing track deflection and related damage experienced with other crossing systems that rely on fasteners attached directly to the sleepers.

Polymer Concrete Durability:

Bodan® panels are produced from polymer concrete, offering superior flexural strength, durability, and resistance to water penetration. These properties translate to ultra-long life of the crossing.

Ease of Installation:

Modular component design allows the Bodan® system to be installed quickly with minimal disruption to road and rail traffic. No modifications to existing track are required prior to installation.



Low Maintenance:

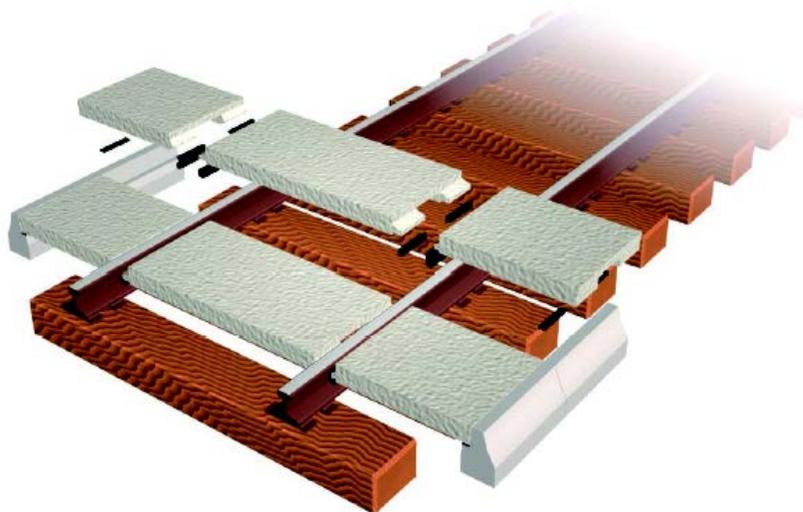
Durable polymer concrete panels make the Bodan® system virtually maintenance-free. In addition, the system may be quickly removed and reinstalled to allow for routine track maintenance and ballast cleaning.

Skid Resistant Surface:

Bodan® panels have a highly skid resistant surface designed to provide added safety in wet weather conditions.

Facilitates Unique Intersections:

The Bodan® system accommodates curved and multiple track crossings, switches, sidewalks, and other unique conditions. Bodan® components are available in a variety of shapes and sizes, and may be custom-molded to match site geometry.



Need More Information?

WWW.TRANSPO.COM/RAILWAYS

Contact the safety experts at Transpo to find out more about the various products we offer. If you need advice on how to install the product, the professionals at Transpo will guide you through the process. Project specific questions? We can assist you in creating a cost-effective, tailored solution for your project.

Transpo Industries, Inc.
20 Jones Street
New Rochelle, NY 10801

914.636.1000
800.321.7870
914.636.1282
info@transpo.com

Phone
Toll Free
Fax

