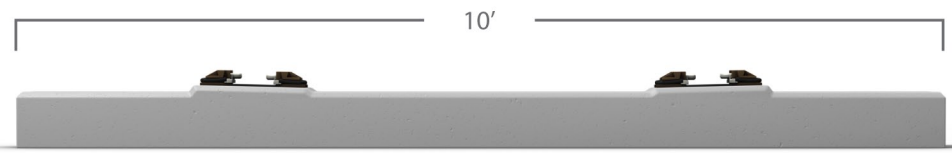
Rocla®
Rocla Concrete Tie, Inc

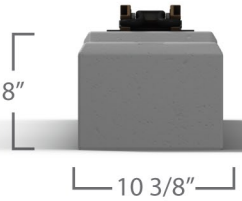
THE LEADING MANUFACTURER OF
PRE-STRESSED CONCRETE TIES

10′ Grade Crossing Tie

Designed for Grade Crossing Panels

Rocla 10′ Grade Crossing Ties are designed for applications that require the use of Grade Crossing Panels. The 10′ Grade Crossing tie is commonly used at grade crossings on roadways, station applications for light rail, and is also used as a transition tie between wood and concrete track sections.





Weight Approx. 730 lbs

Fastening Systems: Fastclip, Safelok I and III, E-clip	**Rail Section:** 115RE - 136RE	**Rail Seat Slope:** 1:40 ± 5	**Gauge:** 4’-8½”
Speed: 70 mph	**Tie Spacing:** 24-30 in	**Axle Load:** 20 to 40 ton	**Application:** Transit /Industrial/Freight

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Why Rocla Concrete Ties

IMPROVED TRACK PERFORMANCE.

Track owners across the world use Rocla Concrete Ties when faced with the decision of how to build the best possible track structure. What factors lead to this choice? Basically, there are three reasons to use Concrete Ties:

The Rocla Concrete Tie Advantage

- Stronger track structure for increased rail life
- Lower annual maintenance costs
- Engineered product with established performance
- Exceptional resistance to weathering and corrosion
- Improved track surface, alignment, and gauge holding performance
- Energy efficient by reducing locomotive fuel consumption
- RCTI is the only manufacturer of concrete ties with experience in high-speed, transit and the most demanding Class 1 Railroads in the world.
- RCTI can provide projects solutions from its multiple manufacturing facilities throughout North and South America.

Engineered Production

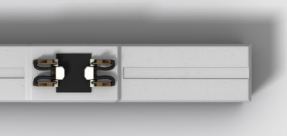
REDEFINING RAILWAY TRACK TECHNOLOGY.

Rocla Concrete Tie, Inc. engineers concrete crossties unique to project requirements. Rocla can engineer our products to meet AREMA design parameters, or tailor products to perform under project specific conditions.

Rocla considers all aspects of a project's operating conditions including annual tonnage, axle loading, speed and many other factors, in order to provide a solution that will withstand years of service. By offering a complete analysis of the customer's needs, Rocla can provide reliable and also cost effective.

Rocla engineers all product in accordance with AREMA design parameters and project specific conditions.

Quality Control



Rocla's Quality Control standards live up to the contract requirements of American's most demanding Class I Railroads and Transit Authorities. In addition to meeting minimum requirements set forth from our customers, we also maintain accreditation from Precast Concrete Institute (PCI) and the American Association of Railroads (AAR).

Rocla maintains our certification in compliance with the strict policies of PCI MNL-116. Through yearly audits, each Rocla facility continues to comply with the quality policies of PCI. The PCI standards guarantee that Rocla maintains or exceeds the pre-stressed concrete industry standards in our daily production routines.

The American Association of Railroads also conducts audits of all three Rocla facilities on Quality Assurance. Rocla has maintained compliance with AAR M-1003 in all facilities and continues to do so in to the future.

Rocla's Concrete Ties are produced with high quality materials in state of the art facilities. Rocla works with the world's most advanced material testing laboratories to ensure the longevity of our concrete ties. The result is a final product that meets our high standards of quality and durability.

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