

# TraCast 3™ CROSSING

## Product Information

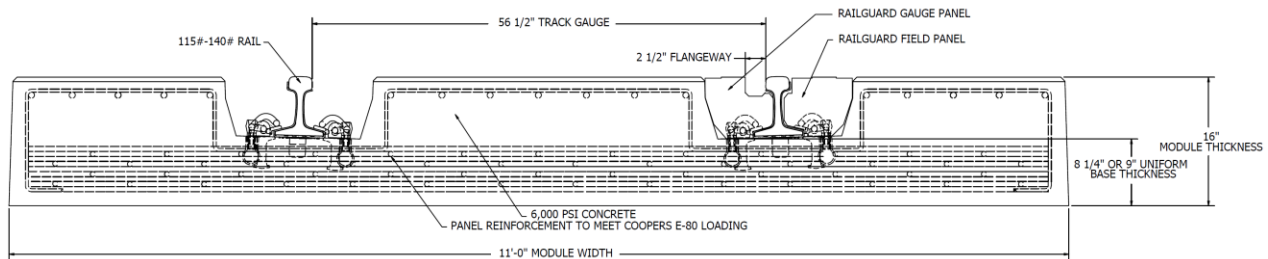
### Introduction

The OMNI TraCast 3™ grade crossing design is a system of precast concrete modules with a minimum compressive strength of 6000 psi. Elastic fasteners are used to secure the rail to the base of the rail troughs. The module design eliminates the use of ties and ballast.

A continuous protective rubber rail boot insulates the rail from electrical interference. RailGuard™ rubber panels are installed on the gauge and field sides of the rails to provide a positive flangeway and rail cushioning. The RailGuard™ rubber panels can be easily removed with a lining bar, eliminating the need of heavy equipment, for rail inspection and repair.

OMNI's TraCast 3™ system is ideal for highway, industrial, port, and transit use.

### Cross-Sectional View



### Product Specification

<b>TraCast 2™ Module</b>	<b>Concrete</b>	<b>Protective Rubber Rail Boot</b>	<b>Rail Fastening</b>
Length: 6 feet	Compressive Strength: 6000 psi	Type: Santoprene™	Spring Clip: FLEXICLIP, 1095 Steel
Height: 16 inches	Entrained Air: 6.0% ±1%	Tensile: 1600 psi	Spring Clip Insulator: Type I,
Width: 11 feet	Max Water/Cement Ratio: 0.44%	Hardness: 80 ± 5 Durometer	Dupont Zytel
Weight: 10,300 lbs.	Salt Sealer: Co-Ma-Seal CM	Shore A	Hex Head Bolt: 3/4-inch NC
Accommodates:		Elongation: 400%	
115# to 141# Rail	<b>RailGuard™</b>	Volume Resistivity: 1 x 10 <sup>12</sup>	<b>Lifting</b>
Up to 30° in Curvature	Type: Virgin SBR	(min)	Four 2-ton embedded
	Tensile: 2000 psi		lifting hooks
<b>Rebar</b>	Hardness: 65 ± 5 Durometer	<b>GripTite Cone Nuts</b>	Attach to 4-way rigging
ASTM A615 (Tied)	Shore A	Used to Anchor Railguard	
	Elongation: 400%	Rubber Panels	
		Material: Polyurethane	