



INFRASTRUCTURE SOLUTIONS



OCIS 60GPA FIBERGLAS™ REBAR RFID TOLL PLAZA REINFORCEMENT

INTERCHANGE 63 – MAINE 2017

Project Type

RFID Toll Plaza reinforcement

Client

Maine Transport Authority

Consultant

HNTB Corporation

Project Overview

The Maine Turnpike Authority toll plaza conversion project in Maine involved removal of the slow speed lanes to make way for a higher speed system with EZPass-only lanes. This was to increase traffic flow safely in the area, even in wet and icy conditions.

Electrically neutral reinforcement was necessary for the RFID Toll Plaza so there would be no interference to the radio-frequency identification (RFID) transponders. OCIS 60GPa Fiberglas™ Rebar by Owens Corning Infrastructure Solutions provided electrically neutral reinforcement with all the advantages fiberglass rebar (also known as FRP, GFRP or composite rebar) delivers including:

- zero impact from concrete spalling
- a long design life cycle
- zero maintenance which would otherwise lead to traffic delays and economic costs.

This was all part of the upgrade which consisted of highway, bridge and toll system improvements.



OWENS CORNING INFRASTRUCTURE SOLUTIONS, LLC

ONE OWENS CORNING PARKWAY
TOLEDO, OH 43659 USA

1-855-OC-Rebar

www.owenscorning.com/rebar

HOW WE BUILD NOW™

In partnership with Owens Corning, all photos and content have been approved for use by OCIS 60GPa Fiberglas™ Rebar
Pub. No. 10024728-B. Printed in U.S.A. September 2023. © 2023 Owens Corning. All Rights Reserved.