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. MATEENBAR™ Fiberglas™ Rebar 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.