

VISI-BARRIER™ Polymer Concrete Bridge Rail and Tunnel Panels are innovative, precast polymer concrete panels used for median barriers, tunnel panels, bridge parapets and rails. The retro reflective safety stripe gives high visibility in all weather conditions. The bright, white surface resists salts, chlorides and corrosion. Visi-Barrier™ can be custom designed to fit a wide variety of sites.



Kingston-Rhinecliff Bridge over the Hudson River in New York

One of the country's longest continuous-deck truss bridges, the Kingston-Rhinecliff Bridge underwent rehabilitation. Owned and operated by the New York State Bridge Authority, the project design called for the deck to be widened (from 26 feet to 40 feet), while reducing the overall dead load. Transpo's Visi-Barrier™, a precast polymer concrete panel shell, was used as a stay-in-place form, protecting the light-weight concrete from road salt and moisture, while maintaining the esthetics of the structure.

After the bridge rehab was completed, the New York State Bridge Authority decided to rehabilitate the bridge toll plaza. Transpo's Visi-Barrier™ was specified to be installed on grade, as a two-sided median safety barrier. Visi-Barrier™ panels were mounted back-to-back, and standard concrete used to fill the space between panels.