Alleviating an Allentown Arterial

Cedar Crest Boulevard (SR 1019) over Little Cedar Creek Bridge Replacement
City of Allentown & South Whitehall Township, Lehigh County, PA

CLIENT & OWNER / PennDOT Engineering District 5-0, Allentown, PA
FIRM / Traffic Planning and Design, Inc., Pottstown, PA

Cedar Crest Boulevard (SR 1019), a major Lehigh Valley arterial, links several major destinations, such as the Lehigh Valley Hospital, Dorney Park, and Cedar Crest College, to an interchange at Route 22. The accelerated replacement of the diagonal structure under its intersection with Broadway/Parkway Boulevard required staged construction and a construction schedule that was required to be less than three months, making the project quite complex in nature.

Project Highlights:
» Replacement of existing single span diagonal structure linking highly used roadways
» Accelerated Bridge Construction (ABC) techniques
» Staged construction methods with a compact construction schedule
» Usage of a triple-cell precast box culvert