



Project: *Rehabilitation of the Castleton Bridges*
Location: *Castleton, New York*
Owner: *AMTRAK*

Under a 2002-2004 “On-Call” Professional Services Contract with AMTRAK, A.DiCesare engineers performed inspection, evaluation, load rating analysis and superstructure replacement design to convert two (2) Castleton Bridges to closed deck structures. Located along Amtrak’s Albany Line, superstructure replacement consisted of steel stringers, precast concrete slab decks, inclusion of existing floor beams and girders. Substructure restoration included install of bridge weeps, pedestal replacement with precast units, and repair of spalled concrete areas.

Plans and specifications prepared in sufficient detail (shop drawings) to permit fabrication. All work performed by Amtrak’s in-house field forces. Track alignment, raised by approximately two (2) feet due to change in structure type. Construction phasing is necessary to maintain this link of Albany line active.

A.DiCesare Associates, P.C.