



Project: *Reconstruction of Sound Beach Avenue Bridge*

Location: *Greenwich, Connecticut*

Owner: *Connecticut Department of Transportation*

A.DiCesare Associates is providing conceptual design, preliminary and final design services for the replacement of the Metro-North Sound Beach Avenue Railroad Bridge in the Town of Greenwich. Preliminary design includes structure study for one-, two-, and three-span configurations. In addition to replacing the structurally deficient bridge, the project includes geometric improvements to Sound Beach Avenue by increasing the roadway width from two to three travel lanes, as well as increasing the vertical clearance beneath the bridge. Additionally, the Tomac Avenue Railroad Bridge will be rehabilitated and included in the construction contract.

A key component of the project is the construction phasing necessary to maintain this vital link of the Northeast Corridor, as well the maintenance of both vehicular and pedestrian traffic along the road and to the train station. Project challenges include maintenance of the station platform, integral to the bridge, as well as maintaining driveways into commuter and business parking lots during all phases of construction.

A.DiCesare Associates, P.C.