



Project: *Reconstruction of Fairfield Avenue Bridge*
Location: *Fairfield, Connecticut*
Owner: *Connecticut Department of Transportation*

A.DiCesare Associates provided conceptual design, preliminary and final design services for the reconstruction of the Fairfield Avenue Railroad Bridge. Preliminary design included the structure study for two-, three-, and four-span configurations. In addition to replacing the structurally deficient bridge, the project includes geometric improvements to Fairfield Ave. by increasing the roadway width from three to four travel lanes, as well as increasing the vertical clearance beneath the bridge to 14'-6". Inclusion of a pump station is required to alleviate existing storm drainage flooding.

Extensive construction phasing is necessary to maintain this vital link of the Northeast Corridor, as well as to maintain both vehicular and pedestrian traffic during all phases of construction.

A.DiCesare Associates, P.C.