



Project: *Washington & Main Street Bridge*

Location: *Norwalk, Connecticut*

Owner: *Connecticut Department of Transportation*

A.DiCesare engineers provided the in-depth inspection, load rating analysis, strain gage testing, rehabilitation design, and construction engineering and inspection services for the Rehabilitation of the Washington and Main Street Railroad Bridge in downtown Norwalk.

The Railroad Bridge is a single-span through truss comprising fracture critical eye bars and riveted built-up floor beams and stringers. Scope of work included structural steel replacement together with sandblast cleaning and complete bridge painting. Built around 1900, the bridge is approximately 140 feet in length and carries four mainline tracks of Metro-North light-rail commuter service and Amtrak along the Northeast Corridor.

Maintenance and protection of train traffic, vehicular and pedestrian traffic were critical elements for success of the project.

A.DiCesare Associates, P.C.