

Construction Engineering & Inspection: Gold Star Bridge Repairs and Rehabilitation



Garg Consulting Services, Inc.

This project consisted of the rehabilitation of Bridge Nos. 02514A and 02514B of Interstate 95 over the Thames River in Groton and New London, CT. The Gold Star Bridge is the largest bridge in the State of Connecticut, with a length of 6,000-feet and carries five (5) lanes of I-95 traffic southbound over the Thames River. The bridge, which was constructed in 1973, consists of thirteen (13) welded steel multi-girder approach spans, six (6) girder-floor beam-stringer approach spans, and eleven (11) steel deck truss main spans. Each span supports a reinforced concrete deck with bituminous overlay. The purpose of this rehabilitation project is to extend the life of the bridge approximately 15 to 25 years.



Garg provided Office Engineering and Inspection Services for the rehabilitation of the Gold Star Bridge.

The project tasks included:

- Structural steel repairs.
- Concrete deck patching.
- Removal and replacement of expansion joints.
- Illumination upgrades.
- Paint removal and painting of superstructure.

Organization Name	Location	Project Duration			Dollar Amount	Prime/Sub-Consultant
		Contract Date	Start Date	Completion Date		
CTDOT	Groton / New London, CT	03/01/2017	2017	2018	Project Cost	Sub-Consultant
					\$25,688,226	