



## Throgs Neck Bridge – OSD Deck Replacement –TN-49



### Owner:

Triborough Bridge and Tunnel Authority (TBTA)  
Carl Redmond  
Director, Quality Management  
credmond@mtabt.org  
646-252-7652

### Contractor:

Judlau Contracting, Inc.  
Jonathan Hart  
Project Manager  
718-554-2320  
www.judlau.com

### Fabricator:

Cimolai S.p.A.  
Corso Lino Zanussi, 26 – 33080  
Porcia (PN) – ITALY

### Project Dates (Fabrication):

August 2019 – August 2021

### Bridge Location:

Bronx, New York

### Atema Services:

- ▲ Independent agency reporting to the Contract as Oversight for contact and Code Compliance Technical and Fabrication Consultation
- ▲ Assist with pre-fabrication mock-ups
- ▲ Welder and Procedure Qualification Witnessing
- ▲ Oversight and acceptance of destructive test panels
- ▲ Direct executive management assistance with general contractor and the New York team of designers and construction managers

### Project Description:

This is a major long term project for the TBTA (Triborough Bridge and Tunnel Authority). The top deck fabrication portion of the project includes automatic manufacturing of 592 unique orthotropic deck panels which average forty feet long. Atema helped ensure quality fabrication contract compliance thru Quality Assurance.

Atema is a key member of the New York oversight team, contributing in matters of quality consultation, relevant US standards application, US code interpretation and QA overview of all fabrication operations.

Throughout the project a major goal is to keep the fabrication on par with US quality levels, code and contract compliance. Key focus includes relevant technical requirements and technical practices.

Atema engineers and quality specialists give technical advice to the NY team to solve problems during contract execution. This includes fabrication, welding, steel coating systems, NDT inspection and testing stages, as well as extensive use of PAUT (Phased Array Ultrasonic Testing). Atema is also responsible for "final stamp off" of all panels prior to shipping.

During the current climate, Atema has been an instrumental and key player in providing communication assistance between the fabricator and their customer, while keeping the project owner and other US based staff safe and informed to make critical decisions.

