



SHARK RIVER BRIDGE

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OWNER

New Jersey Department of Transportation

LOCATION

Belmar NJ

FACILITY TYPE

Bridge

PROJECT BACKGROUND

The Route 35 Bridge over Shark River is located in Belmar, New Jersey. Shark River serves as a major waterway for both charter fishing boats and pleasure boaters that make their way to and from the Atlantic Ocean. The historic bridge was constructed in 1927 and consists of a draw mechanism to allow boat traffic to pass. Because of the importance of the fishing industry and the constant disruption to those traveling on Route 35 due to the delay caused by the draw bridge, the New Jersey Department of Transportation elected to have a new bridge constructed that extends far above the river allowing the boats to travel without waiting for the bridge to draw open and close. The project required Brandenburg to perform the total demolition of the bridge including the removal of the piers and pilings. The bridge was located between an active New Jersey Transit line and the newly constructed replacement bridge adding to the complexity of this removal project. In addition to being constrained between the active NJ Transit line and the newly constructed replacement bridge, Brandenburg removed all of the structural elements without allowing any demolition debris to enter the waterway. Bridge boxes and barges were utilized to meet the exacting contractual obligations to capture all demolition debris.



SCOPE OF WORK

Completely removed all bridge structures and foundations

Prevented debris from entering waterway

Work was performed without disrupting the adjacent New Jersey Transit line

Provided a preventative barrier to capture any contaminants that may have entered the water in the work area

Work was performed around the construction company that was installing pilings for the new bridge structure

Work performed near the boat canal was halted during periods of boat passage and was monitored by the Coast Guard and Marine Police