

Mechanical and Marine Construction Inc.

Project Management / Engineering / Commercial Diving / Co-Gen
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NYC Department of Transportation/ Tutor Perini Corp.

Project Site: Bronx, NY	Project Duration: 4/2016-12/2018	Description: Underwater demolition of bridge piers and center turntable
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Project Summary:

Provided specialized commercial divers, equipment, marine work vessels in order to cut up and burn the steel sheets. The steel and concrete structure was the original turn table from the historic City Island Bridge. We used underwater torch to burn the sheeting horizontally and vertically. Our divers worked with Tutor Perini team to rig the steel cut offs out of long island sound.

In 2018 we were called back to cut the 3-4' diameter X 20'30' steel pipe piles filled with concrete. The piles were from the temporary bridge as well as the original replaced bridge. We set up a underwater wire saw with a custom jig. And while the wire was cutting the pile we monitored and reported the progress. The work was performed with a 300 ton crane from Bay Crane and diving was off our 31' custom dive vessel.



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