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CUSTOMER CONNECTION

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JM EAGLE HDPE PROJECT SUBJECT OF MAGAZINE ARTICLE

A force main project in Connecticut has made headlines for its tough challenges, as well as its modern solutions: JM Eagle HDPE pipe in a trenchless application.

Featured in the June issue of WaterWorld magazine, the \$2 billion project as part of the Connecticut Department of Transportation (ConnDOT)'s New Haven Crossing Corridor Improvement Program used plastic pipe to meet environmental and practicality demands in replacing failing ductile iron pipe that was installed in the '80s.

"The old ductile iron pipe had to be replaced, but times have changed since it was installed," says Tyler Perry, JM Eagle Sales representative. "Today, tougher products and more efficient installation procedures are available, and people have stronger concerns about protecting the environment."

The story, titled "Trenchless technology helps force main cross harbor," explains how horizontal directional drilling with 1,900 linear feet of 48-inch-diameter SDR 13.5 HDPE from one bank of the Quinnipiac River to the other satisfied several major concerns.

First, the HDPE was up to the task of resisting damage that might result during heavy construction of the bridge. Second, HDD got around the problems of strong water currents and zero tolerance for environmental impacts to water quality and harbor shellfish bed leases. A 45-degree turn and a tight fit due to rock formations added to the project's complexities.

HDPE for HDD was an even more attractive prospect considering its ease of installation. Twenty-foot sections of the HDPE pipe were welded into three continuous 600-foot-long pipe segments. The three lines were then floated across the harbor the day before the

pipe pull and fused during the pull for each of the bores.

"The use of trenchless technology was critical to the success of the operation," the article reads. "HDD was chosen because it was the least disruptive to the sensitive environmental conditions and because of the variable nature of conditions along the drill path."

To read the complete story in the June issue of WaterWorld magazine, [click here](#).

