



Infrastructure Innovators Since 1994

QuakeWrap, Inc.

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(520) 791-7000, FAX (520) 791-0600

Toll Free (866) QuakeWrap (782-5397)

www.quakewrap.com

PROJECT PROFILE

Northeast Interceptor - East Arm Rehabilitation

Repair System: StifPipe® by QuakeWrap

Owner: Oakland-Macomb Drain Drainage District (OMIDDD)

Project Engineer: NTH Consultants

Installer: Marra Construction (Cleveland, Ohio)

Pipe Design and Materials: QuakeWrap, Inc.

Location: Detroit, Michigan

Project Synopsis:

- The Northeast Interceptor (NI-EA) located downstream of the Northeast Sewage Pump Station of the sewer system serving the metro Detroit area.
- At 17.5 diameter, the rehabilitated stretch is the part of the largest pipeline in the sewer system. It was Constructed in the 1970s.
- Depth of sewer range from 40 ft to 75 ft
- High concentrations of hydrogen sulfide (similar to NESPS)
- Due to corrosion and apparent structural defects, the owner sought a fully-structural lining system for an approximately 1,500 long stretch based on the analysis/recommendation received from NTH Consultants.
- Upon a rigorous selection process, StifPipe® was among the three lining systems selected for this project based on the response to the Request For Technical Qualifications Submittal set forth by the project engineer, NTH Consultants.
- StifPipe® was the only whole piece (360-deg) liner used for the project.

Project highlights:

- StifPipe® used for the project is likely the largest slipliner ever made.
- The pipes are installed without bypassing the flow, by shutting off the pumps at the NESPS on a daily basis.
- A record breaking and unique project addressing the issues with one of Detroit's most critical infrastructure.

Contact an engineer today at
info@quakewrap.com



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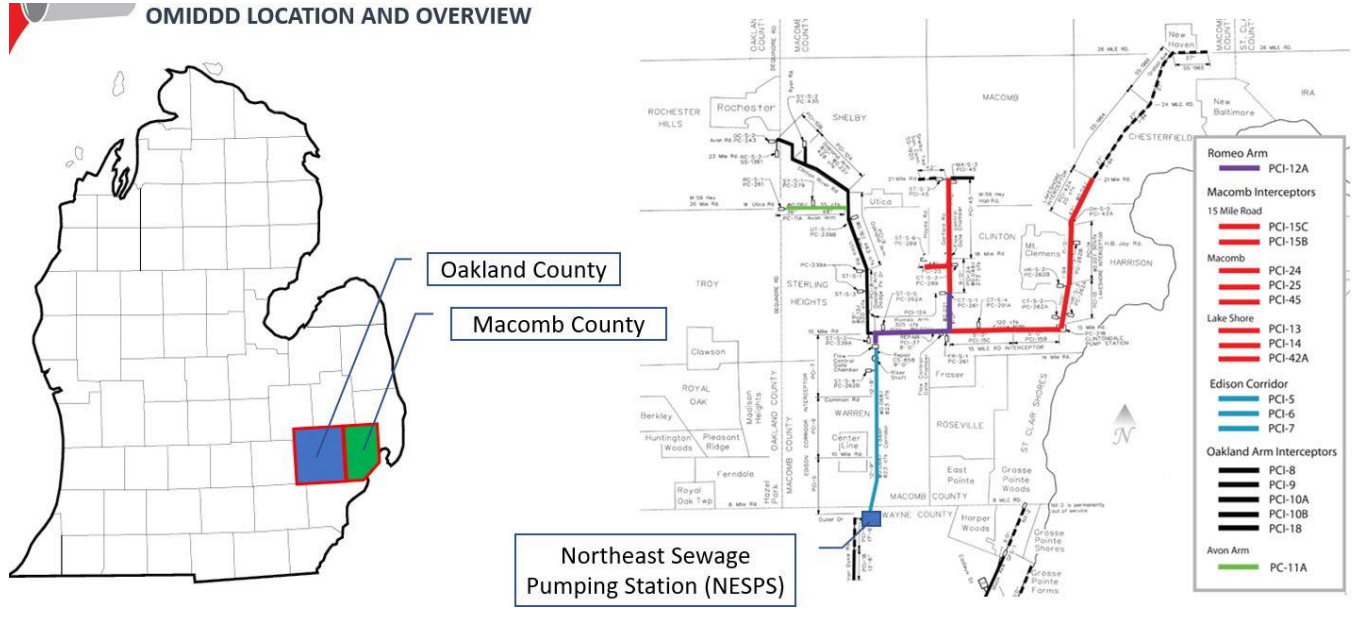
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OMIDDD LOCATION AND OVERVIEW



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