CIPP CURED-IN-PLACE PIPE REHABILITATION
For more than 40 years, Cured-In-Place Pipe (CIPP) has become the most widely accepted, cost-effective method of repair to damaged and corroded water and sewer pipelines. Over the last decade, significant improvements in liner materials, resin technology, and installation practices, CIPP continues to be the preferred method of trenchless repair of municipal and industrial sewer lines. Its strength, life expectancy, chemical resistance, and non-disruptive installation have revolutionized the pipe rehabilitation industry.

National Liner consists of two primary components. The first is a precisely fabricated, non-woven and needled polyester felt liner. The second, a thermosetting resin, thoroughly saturates the liner during the manufacturing process. National Liners not limited in diameter or wall thickness and can be specifically manufactured for pipelines ranging from 6” to 96” in diameter. It also has a 50-year design life and economically restores damaged pipelines to their original specified operation efficiencies.

1. After the host pipe has been cleaned, the resin impregnated softliner is readied for insertion into the pipeline from an upstream manhole.
2. The liner inverted or winched into place, then expanded using a hydrostatic head of water, air or steam pressure to press it firmly against the interior of the host pipe. During the process, excess resin is forced into cracks, joints and irregularities of the host pipe resulting in a permanent bond between new and old pipe.
3. Heat is then introduced throughout the liner to cure (polymerize the resin). Once cured, new structural pipe is formed within the damaged host pipe.
4. After the cure is complete, lateral lines are re-opened using a remote controlled cutting tool. The pipeline is then video inspected to ensure it meets owner specifications.

In addition to strengthening the host pipe and halting the infiltration of ground water, the physical properties of National Liner resist corrosion and abrasion caused by effluents. Upon project completion, National Liner’s smooth inner surface actually increases the flow capacity of the pipe and helps reduce turbulence. Here are a few more reasons why you should specify National Liner and request Boh Bros. to install it:

- Meets or exceeds installation standards per ASTM F-1216
- Flexural modulus of elasticity exceeds 250,000 psi per ASTM D-790
- Flexural strength exceeds 4,500 psi per ASTM D-790
- Tensile strength exceeds 3,000 psi per ASTM D-638
- Meets or exceeds Resin Corrosion Testing per ASTM C-581
- Meets or exceeds Chemical Resistance Testing per ASTM D-5813
- Meets or exceeds 50-year design life criteria per ASTM D-2990
- L.A. Greenbook qualified
- All material components produced in ISO 9002 certified facilities

Boh Bros. is a part owner of the National Liner brand.

UNMATCHED PRODUCT PERFORMANCE
A Long-Term, Trouble-Free Pipeline Rehabilitation

CURED-IN-PLACE PIPELINE REPAIR
A Time-Tested, Proven Pipeline Rehabilitation System

THE PRODUCT: NATIONAL LINER

THE PROCESS

Performance & Testing

Product Features

Commitment to Excellence through Unmatched Experience
We are the exclusive installation contractor of the National Liner Cured-In-Place Pipe (CIPP) Rehabilitation system for LOUISIANA & MISSISSIPPI.

CONTACT US TODAY TO FIND OUT MORE ABOUT CIPP

BRIAN MATHÉ
bmathe@bohbros.com
504-827-7665

GENERAL INFO.
bd@bohbros.com
504-821-2400

Boh Bros. is a New Orleans-born, family-owned, third-generation company built on knowledge, experience, respect, and results. In addition to working with CIPP, we are a heavy construction company with capabilities in heavy civil, marine, pile driving, paving, utilities, asphalt, sitework, jet vacuum excavation, and more. Even though we’ve been around for more than 100 years, we are always refining our processes and looking for new ways to innovate — thinking differently while drawing from our legacy of work. We’re experienced professionals who know how to solve problems and bring predictably good results to a project. We exist to fulfill our core purpose of:

HONORABLY SERVING OUR COMMUNITIES SINCE 1909