

# CIPP Culvert Rehabilitation



## Effective, Convenient Solutions

Michels uses its expertise at installing cured-in-place pipe (CIPP) lining systems to quickly, safely and economically provide a long-lasting way to rehabilitate culverts using trenchless technology.

**Long-term benefits:** A CIPP liner is a pipe within a pipe, which will add 50 years of design life to a host pipe.

**Convenient construction:** Michels installs and cures thermosetting resin-soaked liners in culverts as quickly and conveniently as possible, often in less than a day. Our crews stage equipment and perform work in small spaces, resulting in minimal or no traffic disruptions.

**Minimal internal reduction:** Our CIPP liners conform to the interior walls of the host pipe before being cured. The result is a smooth, seamless new pipe that can deliver increased flow capacity.

**Flexible:** CIPP's resin-soaked felt tubes are suitable for installation in circular, elliptical, arch or non-uniform pipes and for culvert diameters that range from 6 to more than 100 inches. Each liner is designed and manufactured to the exact specifications of the owner and manufacturer's guidelines. Liners are tailored to the specific length needed for each job.

**Installation methods:** Michels uses the latest technologies and equipment for installation and curing. Our liners can be installed by inverting with air or water, or using a UV liner which is pulled into place. Steam, water or ultraviolet lights are used for curing.

- Vacuum and roller system thoroughly saturates tube with resin
- Sensors monitor temperature during curing process
- Bypass and CCTV inspection services offered
- Also effective on sanitary sewer, storm sewer and potable water lines

we do that.

