

CURED-IN-PLACE PIPE LINING

Cured-in-place pipe lining (CIPP) is the most used trenchless construction method for rehabilitation of failing sewer piping (Underground Construction Magazine). CIPP was invented in London, England in 1971 and the technology has been constantly evolving.

Lining cured with UV technology has been successfully used in Europe for decades and was first introduced in the United States at the Underground Technology Conference in 2006.

In recent years, UV cured CIPP has become a complimentary process to conventional (steam cured) lining. The pros for UV CIPP include:

- Environmentally friendly - minimal styrene emissions
- Manufactured using fiberglass material, providing higher strength and longer life
- Shorter installation times - cure times are significantly reduced resulting in less construction impacts
- Installation is not effected by temperature or ground water around the pipe

UV cured CIPP technology has been used in Canada and across the United States for approximately 10 years. Significant cities (to name a few) where this technology has been used include:

- New York City
- Washington, D.C.
- Stamford, CT
- Burlington, VT
- Kingston, NY
- Anchorage, Alaska
- Los Angeles, CA
- San Diego, CA
- Portland, OR

Contractors have installed this technology for the MDC since 2017 on projects in East Hartford, West Hartford and Windsor.