

## CIPP Spot / Point Repairs

BLD Spot Repair provides a structural solution without lining the entire pipe. The CIPP Spot Repair addresses short lengths of damaged pipelines and conduits by the installation of a resin-impregnated flexible liner, thus preventing the need to line the entire pipe segment from manhole to manhole.

The CIPP Spot Repair is installed over the damaged pipe to form a hard, impermeable, corrosion resistant pipe-within-a-pipe. The result is a structurally sound, long lasting, and economical alternative to grouting, excavation, or manhole to manhole pipe rehabilitation. CIPP Spot Repairs are most effective in pipes with structural defects due to localized settling, excess loading conditions, offset joint(s), or poor initial construction.

The liners, similar to those used in mainline rehabilitation, consist of one or more layers of flexible needled felt that are fabricated to a size that will fit tightly to the internal diameter of the host pipe, thus resulting in a tight-fitting and seamless pipe-within-a-pipe. All of BLD's CIPP Spot Repairs are designed per the requirements outlined in ASTM F1216 which takes into consideration the condition of the host pipe, thus ensuring the finished product will meet the stringent F1216 requirements.

The damaged area(s) of the main line is inspected using a remote-controlled camera system. This inspection provides valuable information about the condition and profile of the damaged area(s) of the main line pipe. It is necessary to thoroughly clean the pipe prior to the rehabilitation process. We typically use high-pressure water to free areas of roots, mineral deposits, grease, sand and sludge. After cleaning, and before installation, another inspection ensures that the damaged area(s) is prepared for rehabilitation.

