


ANIMATECHX-VAC

urban sewer rehabilitation project utilizes CIPP technology



The City of Indianapolis is undertaking a trenchless repair to a sewer that flows through the south side of downtown. The work is being done in an area located adjacent to Lucas Oil Stadium, with the sewer line running primarily below Merrill Street.

The project includes a 60-mgd bypass system that extends over 3,400 feet, sewer cleaning and lining of approximately 2,900 feet of 60-66" concrete sewer using CIPP technology.

A cured-in-place pipe (CIPP) is one of several trenchless rehabilitation methods used to repair existing pipelines. CIPP is a jointless, seamless, pipe-within-a-pipe with the capacity to rehabilitate pipes of varying sizes and lengths.

During the repair process, a resin-saturated, polyester tube is inserted or pulled into the existing or damaged pipe, as the photos on this page illustrate.

Little to no digging is involved in this trenchless process, making for a more environmentally friendly method than traditional "dig and replace" pipe repair methods. Next, hot water or steam is used to cure the resin and form a tight-fitting, jointless and corrosion-resistant replacement pipe.

ms consultants is performing construction inspection and construction administration for the Indianapolis Department of Public Works. Not only is the inspection being performed as the pipe liner is installed, the pipe will also be inspected internally by closed-circuit television.

ms consultants is expert at trenchless rehabilitation, and has used CIPP technology on various projects totalling more than 50,000 feet of sewer to date.

For more information about this or other ongoing projects in Indiana, please contact Jim Trachtman at 317.566.0050 or jtrachtman@msconsultants.com. ■