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to rehabilitate the world's diverse infrastructure*

► INFRASTRUCTURE REPAIR: STYRENE-FREE CIPP OF 100-YEAR-OLD TRANSITION SEWER

Project:

Styrene-Free Resin Sewer Repair

Location:

Downtown—Detroit, MI

Profile:

Trapper's Alley, located in Detroit's Greektown area, is a brick mall encasing a street whose history dates back to the fur trading days of the eighteenth century. When Trapper's Alley was developed back in the 1970's, there was no consideration given to the 100-year-old transition sewer that lay 20 feet below a casino and restaurant complex. The old sewer was a continuous cause of complaints, backups, odor issues, and flow restrictions despite routine cleaning and various plumbing fixes. Cured-in-Place-Pipe (CIPP) became the solution of choice for repair and rehab especially since the casino management required the rehabilitation not interfere with gaming and hotel operations.

Issues to work around:

- The Casino could not be shut down during the rehabilitation effort
- The Casino management could not risk public exposure to emissions during the CIPP process

Styrene-Free Resin Sewer Repair

Lanzo Trenchless Technologies used a styrene-free resin CIPP technology that remained virtually odor-free during the curing process. Lanzo Trenchless Technologies performed the 200-ft installation with an inline transition and multiple service reinstatements on an "around the clock" schedule completing the Greektown Casino and Hotel project in only 2 days with no interruption of facility services.

