

Knox County Sewer Improvement Project

Cost Effective Plastic Chamber Installation
Distributed by Flow-Liner®



LOCATION: Bladensburg, Ohio

CONTRACTOR: Beheler Excavating, Inc.

SCOPE: Install several plastic **Tegra Chambers™** and plastic **Telescopic Inspection Chambers™**. Incorporate the plastic structures into the sewer improvement projects master plan. The plastic chambers will be utilized in place of concrete manholes due to their ease of installation and high resistance to hydrogen sulfide gas (H₂S).

RESULT: The chambers, with built-in flow channels, were installed with plastic sewer piping. This made a complete plastic sewer system that's corrosion resistant and will be easy to maintain for years to come.



The chambers are made of polypropylene plastic. Their injection mold manufacturing design makes them extremely structurally sound and ideal for new installations or replacements. They provide easy access for televising inspections, pipe cleaning and pipe lining. The revolutionary chambers offer advantages such as water tight fittings, easy handling, shorter installation time, less maintenance resulting in cost effectiveness that plastic provides in contrast to traditional materials. What also makes the Tegra Chamber™ so unique is the flexible connections at the base which allows a 15° variance in angle of the connected pipe. They also have a 50+ year minimum life expectancy under the harshest sewer environment conditions.