12” Storm Pipe Fill
Cincinnati, OH

Project Challenges

• A 90’ storm pipe travelling beneath a residential home was causing water inflow to basement and creating voids beneath foundation
• TV inspection showed large voids and faults in the clay pipe
• Access only at the pipe outlet

Solution

• Advance tubing 90’ up the line from the outlet
• Inject URETEK polyurethane into the tubing and extract as material fills the pipe and stabilizes surrounding soils

Support

• Worked with City of Milford to manage traffic on the adjacent roadway

Outcome

• Work completed in 3 hours
• Water Movement Eliminated: Filled pipe to prevent movement of water
• Soil Stabilized: Voids beneath foundation filled and soils reinforced with polyurethane