

STORMWATER SOLUTIONS

STORMWATER INFRASTRUCTURE ASSESSMENT

WHAT WE FOUND AND WHY IT MATTERS

ASSESSMENT COMPLETED

The Bethlehem Township Municipal Authority recently completed an inspection of the Township's stormwater system—**more than 95 miles of pipe**. As part of this effort, cameras were placed into inlets throughout the Township to visually inspect and document the condition of the stormwater pipes and inlets. This approach allowed crews to assess infrastructure conditions efficiently, without removing structures or disrupting traffic.



WHY CONDITION MATTERS

Stormwater pipes may be out of sight, but their condition directly affects public safety, roadway integrity, and property protection. The inspection revealed several segments of pipe in poor condition, some with heavy corrosion or breaks (as shown in the images), making clear the importance of identifying issues before they escalate



SMARTER REPAIR OPTIONS

While some projects require open trench construction, like the example shown at right, not all pipes need to be dug up and replaced. In many cases, the Authority is exploring trenchless methods such as cured-in-place pipe lining (CIPP), which reinforce damaged pipes from the inside. This approach helps extend the system's life while keeping costs, road closures, and neighborhood disruptions to a minimum.



NEXT STEPS

The inspection results will be used to help prioritize repairs and guide long-term system planning. Documented pipe conditions ranged from minor observations to areas that may require more immediate attention. With a clearer picture of underground conditions, the Authority can make informed decisions, invest efficiently, and address needs strategically over time.

STAY INVOLVED AND IN THE KNOW!

Stormwater infrastructure may not always be visible, but it's necessary for keeping our township safe and functioning. With the system-wide assessment now complete, the Authority has the information needed to plan for repairs and improvements in a proactive, cost-effective way. To learn more about the stormwater program or to report any concerns, visit the stormwater portal on the Authority's website: <https://www.bethlehtownship.org/stormwater>.