

# VOID & CAVITY FILLING

Pipeline void and cavity filling is a specialized process used to fill gaps or voids that may be present around the underground pipelines. These voids can occur as a result of erosion, settlement, or other factors, and can compromise the structural integrity of the pipeline. Filling these voids can help prevent further damage and subsidence and extend the life of the pipeline. **Here's a general overview of the process:**

**INSPECTION:** The first step in pipeline void and cavity filling is to inspect the pipeline to assess the extent and location of any voids or cavities that need to be filled.

**PREPARATION:** Once the voids have been identified, the pipeline is prepared for filling. This may involve cleaning the area around the void and ensuring that the surrounding area is clear of any obstacles.

**FILLING:** The void and cavity filling process typically involves injecting a specialized filler material into the void using specialized equipment, such as a pump or injection gun. The filler material is typically a cementitious grout, epoxy, or polyurethane foam that can flow and fill the void to provide support and stability to the pipeline.

**INSPECTION AND TESTING:** After the filling process is complete, the pipeline is inspected to ensure that the voids have been completely filled and that the pipeline is functioning properly. This may involve the Mainline team using cameras or sensors to inspect the filled area and conducting pressure tests to ensure that the pipeline is structurally sound.

Pipeline void and cavity filling can be an effective method of restoring the structural integrity of underground pipelines and minimizing the risk of further damage. Mainline always follows industry best practices and guidelines when performing void and cavity filling, and we ensure all personnel involved are properly trained and equipped to carry out the work safely and effectively.



<b>Requirement</b>	Existing Service Rehabilitation & Repair
<b>Specialist Service Offering</b>	Void & Cavity Filling
<b>Miscellaneous Civil Works</b>	✓
<b>Foul Sewer / Stormwater / Sleeve</b>	✓
<b>Water / Gas</b>	✓
<b>Size Limitations</b>	Unlimited