

A Practical Approach to the repair of a 400mm diameter HDPE water main using Primus line.

The Town of New Tecumseth owns operates and maintains a large network of buried infrastructure.

During a scheduled water main inspection, Town inspection staff discovered a sink hole adjacent to an existing drain valve chamber. An internal pipe inspection accessed through a 150 mm diameter drain valve, confirmed that a leak was discovered within the HDPE Pipe at a pipe fusion joint.

A comprehensive review of available trenchless repair options were reviewed and analyzed. Primus Line® was chosen as the preferred repair trenchless solution.

This presentation will review how the leak was discovered, and how this water main was repaired using Primus Line® through a slip line repair method.