

Storm Drain Pipe Rehabilitation on Cliffside Drive

Earlier this year, staff hired Kerex Engineering to repair a 157-ft section of storm drain pipe on Cliffside Drive. The existing concrete pipe was displaced at the joints and leaking which caused a sinkhole at one location and the pavement along the pipeline to settle.

A Cured-In-Place-Pipe system (CIPP) was implemented, which is a trenchless rehabilitation method used to repair existing pipelines. It is a jointless and seamless pipelining within an existing pipe. The pipe begins as a flexible; resin-infused felt tube that is inserted within the existing pipe through the manholes (see photo). Once in place - steam is added and the curing process begins. The pipe liner (tube) molds itself to the shape of the existing pipe and hardens into a plastic pipe, creating a uniform lined pipeline system that will not leak. This method has been used in other areas of the City with success.

The pipe rehabilitation and pavement repairs on Cliffside Drive were completed the week of January 29th.

