

Belfair Sink Holes

Customer: Belfair Plantation, Bluffton, South Carolina

Issues: Sink holes on golf course

Solutions: Upon investigation using CCTV & Vacuum Cleaning operations, Southeast Pipe found leaking joints in 48" ADS (plastic) storm pipe. This created an opportunity for ground water to enter into the pipe, causing erosion to the soil above the pipe. This type of erosion leads to voids, which ultimately results in a sink hole.

Southeast Pipe installed a 48" Cured-in-Place (CIPP) liner into the original host pipe. CIPP has an expected useful life of 50 years, which means this property has been able to make an immediate repair with a long-term benefit.

Belfair Plantation has established a preventive maintenance program and continues to monitor its storm drain system. Continual monitoring, using CCTV inspection, can help to capture information about defective pipe before they reach the potentially catastrophic level, where collapses occur.

Ford Plantation

Customer: Ford Plantation, Richmond Hill, Georgia

Issues: Flash board riser deteriorated, causing the upper pond to drain.

Solutions: Southeast Pipe was contracted originally to install a new flash board riser. Upon immediate above ground inspection, Southeast Pipe recommended a complete underground inspection of the 48" corrugated metal pipe which ran under the main entrance to Ford Plantation and connected to the flash board riser. CCTV inspection revealed deterioration at the bottom section of the corrugated metal throughout the pipe, so Southeast Pipe recommended CIPP lining to rehabilitate the existing pipe. In order to complete the installation, Southeast Pipe installed a Portadam to de-water the pipe and installed a 48" CIPP liner. Once the pipe repair was completed, Southeast Pipe installed a new flash board riser and connected it to the rehabilitated pipe.

Rayonier

Customer: Rayonier, Jesup, Georgia

Issues: CCTV inspection of the strong sewer system (for excess chemical discharges) revealed a deteriorated RCP (plastic) pipe, which ran underneath equipment.

Solutions: