



Market

Storm Water

Challenge

An HOA in Florida was repeatedly experiencing sinkhole issues due to the inflow (I&I) of groundwater and soil at the pipe joints of a 53" X 34" reinforced concrete pipe (RCP) stormwater drainage system.

Engineered Solution

The HOA reviewed several options for eliminating the I & I to prevent the development of sinkholes. These options included replacement of the entire pipe system, lining the pipe system, or sealing the joints. After evaluating lead times, cost, and job duration, the HydraTite Internal Pipe Joint Seal was selected.

Scope

The project consisted of 22 pipe joints that required sealing. The sealing system withstood the head pressure developed by the high water table and the silty soil conditions.

Solution

The HydraTite seal eliminated I&I issues, and the system was approved and put into service. HydraTite proved to be a time-efficient, and cost-effective solution.



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