



Case Study Category: CostWW

Case Study Title: Cost Case Study (Rockville, MD; CIPP): Construction of Sanitary Sewer System Rehabilitation

Utility Name: Rockville, MD

Case Study Abstract: The sanitary sewer pipes and manholes within Woodley Gardens Park and the Lower Cabin John Stream Valley are in disrepair. Internal investigation of the sanitary sewer system found defects such as cracks in the pipe, broken pipe segments, and root intrusion. These defects allow inflow and infiltration (I&I) of water into the sewer system, inhibit sewer flows, and have caused sewage backups. This project includes rehabilitating a total of approximately 6,000 linear feet of sanitary sewer pipes and 30 manholes via a cured-in-place liner. This rehabilitation method creates a "pipe within a pipe" and does not require any excavation.

Case Study Link: <http://waterid.org/content/cost-case-study-rockville-md-cipp-construction-sanitary-sewer-system-rehabilitation>