

*City of East Point:
Sanitary Sewer System Evaluation Survey
and Rehabilitation.*

Project:	Video Inspection and Cleaning; Manhole Condition Assessment; Manhole Pre-conditioning and Epoxy Coating; Sewer Pipeline Repairs and Rehabilitation.
Client:	City of East Point
Location:	City of East Point, Atlanta, Georgia
Completion:	Completed



Objective: This project was initiated to inspect, evaluate, prioritize, design and implement the rehabilitation of the deteriorating sewer system utilizing trenchless technology as much as possible.



In August 2008, an annual Sanitary Sewer System Evaluation Survey (SSES) contract was awarded to Metals & Materials Engineers (MME), inclusive of sewer system inspection, evaluation, prioritization, design and rehabilitation of service laterals, cleanouts, manholes and piping system throughout the City of East Point. The program started with the evaluation phase, which included the CCTV and Smoke Testing operations. The data collected was then analyzed using Wallingford's Info-Net Software for condition assessment as a basis for prioritization of system repairs.

Following the identification of minor and major rehabilitation projects, minor rehabilitation activities were designed and completed within budget and before the deadline of 12/31/09 established by the Georgia Environmental Protection Division (GAEPD) of the Department of Natural Resources. Minor rehabilitation included epoxy lining of 197 manholes, raising of 86 manholes, repair of 198 manhole inverts, point repairs on 79 pipe segments and repair of 125 service laterals. Following that, major rehabilitation works were designed and completed to include over 20,000 feet of sewers using Open Cut methodologies, Cured in Place Pipe (CIPP) and Pipe Bursting.