



Case Study Category: CostWW

Case Study Title: Cost Case Study (Aurora, CO; CIPP): 2009 CIPP Rehabilitation

Utility Name: Aurora, CO

Case Study Abstract: This project will involve trenchless rehabilitation of sanitary sewer pipes utilizing Cured In Place Pipe (CIPP) technology to extend the life of the City's existing sewer pipelines. This project will reduce infiltration and inflow of extraneous water into the system, will increase or improve the capacity of the system, will reduce the chances of sanitary sewer overflows and stoppages, will reduce annual cleaning and maintenance costs and will extend the useful life of the City's sewer system. The proposed annual sewer rehabilitation project will rehabilitate between 200,000 and 250,000 linear feet of various sized sewer pipes ranging from 8", 12", 15", 18" and 21" in diameter. The City's sewer system contains over 2,520,660 linear feet of VCP pipe in these pipe diameters. This project will focus on Vitrified Clay Pipe (VCP) in the parts of the City's system where pipes are over 50 years old and have reached their original design life.

Case Study Link: <http://waterid.org/content/cost-case-study-aurora-co-cipp-2009-cipp-rehabilitation>