

2024 CIPP Lining Project



Infiltration and Inflow (I/I) is groundwater or surface water runoff that enters the sewer system through defects in the sewer main, service connections, or manholes. This extraneous flow increases the City's flow share to the MWRA and, thus, increases treatment costs. Through multiple years of field investigation, the DPW has identified sewer main segments that require rehabilitation to prevent I/I. The **2024 Cured-in-Place-Pipe (CIPP) Lining project** includes the installation of CIPP liner inside the defective pipes, essentially sealing them and preventing I/I. The CIPP process does not require excavation or pavement restoration, making it extremely cost effective. Additionally, this process increases the life expectancy of the pipes by another 20-30 years. This project will result in root treatment of 5,300 linear feet and CIPP lining of over 30,000 linear feet of sewer main. Post-construction flow isolation will be conducted to evaluate the effectiveness of the program.