

Sanitary Sewer Rehabilitation and Replacement Program Projects 7 & 8 (SC-0375 & SC-0402)

November 18, 2021



Sanitary Sewer System

- 710 miles of sanitary sewer mains
- 328 miles of sanitary sewer laterals
- 15,000 maintenance holes
- Pipe size – 85% is 8" in diameter; largest is 48" in diameter
- 1903 – oldest sewers installed that are still in operation
- Material – nearly 90% is vitrified clay pipe
- Depth – usually deepest of the utilities in the public right-of-way

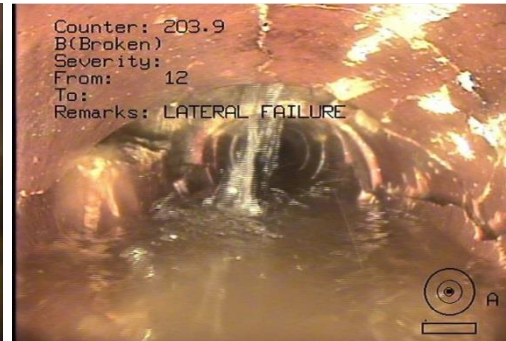
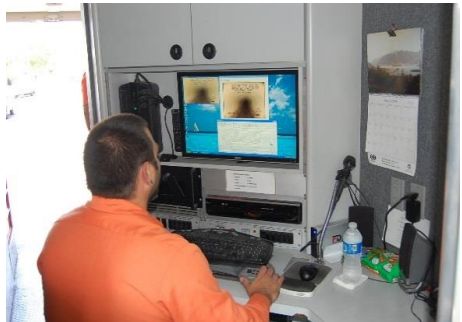


Sanitary Sewer Rehabilitation and Replacement Program (SSRRP)

- Utilizes closed circuit television (CCTV) surveys of sanitary sewer mains
- Assesses condition of pipelines, laterals and manholes
- Identifies, plans, prioritizes, designs and constructs improvements based on condition evaluation



Sanitary Sewer Rehabilitation and Replacement Program (SSRRP)



Trenchless Repair: CIPP Lining



SSRRP-7 (SC-0375)

- Rehabilitate 12,041 linear-feet of 8-inch, 10-inch, 12-inch, and 18-inch sewer mains at five (5) areas in the City of Long Beach.
- Areas include the general vicinity of E Pacific Coast Highway and Magnolia Avenue; Del Amo Boulevard and Long Beach Boulevard; and Spring Street and Palo Verde Avenue

SSRRP-8 (SC-0402)

- Rehabilitate 19,200 linear-feet of 8-inch sewer mains at eight (8) areas in the City of Long Beach
- Areas include the general vicinity of Anaheim Street and Orange Avenue; Lemon Avenue and Market Street; and Broadway and Grand Avenue

Staff Recommendation

- Adopt Specifications WD-16-20 for the Sanitary Sewer Rehabilitation and Replacement Program (SSRRP) Project No. 7 (SC-0375) and authorize the General Manager to sign a construction contract with Southwest Pipeline and Trenchless Corp. in the amount of \$738,978
- Adopt Specifications WD-04-21 for the Sanitary Sewer Rehabilitation and Replacement Program (SSRRP) Project No. 8 (SC-0402) and authorize the General Manager to sign a construction contract with Sancon Technologies, Inc. in the amount of \$812,783