

Development & Engineering

GIVING NEW LIFE TO CRITICAL CITY INFRASTRUCTURE

The wastewater collection system is an important capital asset that requires routine maintenance and rehabilitation to optimize level of service, protect public and environmental health, and extend infrastructure life. The Trunk Sewer Rehabilitation project is the City of Peoria’s ongoing effort to do so.



In September 2018, the City completed a Trunk Line Assessment, which evaluated the condition of approximately 285,000 linear feet of 15- to 36-inch trunk line gravity sewer pipelines located throughout the City. During the assessment process, four pipeline reaches were identified as requiring immediate rehabilitation (within 2-years), due to the severity or unknown condition of the defect. These reaches include segments at Bell Road & 91st Avenue, Beardsley Road & 91st Avenue, 107th Avenue & Burnett, and Happy Valley Road & 76th Drive.



To restore structural integrity to these identified wastewater lines, the City’s contractor, B&F Contracting, is installing a cured-in-place pipe (CIPP) liner within the degraded segments. CIPP is a jointless, seamless, pipe-within-a-pipe rehabilitation method. This

trenchless technology utilizes existing manholes for access, and is less impactful and of shorter duration than traditional methods of sewer repair.

B&F Contracting is underway with the rehabilitation effort and is expected to be complete with all four reaches in fall 2019.

STATISTICAL INDICATORS

Capital Improvement Program

Active Design Projects: 12
Active Design Costs: \$2,816,192
Active Construction Projects: 9
Active Construction Costs: \$56,512,857

Site Development

Civil Reviews Completed

Sept 18	Sept 19
61	76

Average Turnaround Time

Sept 18	Sept 19
15.35	14.29

Active Design Projects

Sept 18	Sept 19
119	76

Active Construction Projects

Sept 18	Sept 19
211	100

Building Development

New Commercial Permits

Sept 18	Sept 19
1	3

Tenant Improvement Permits

Sept 18	Sept 19
10	13

Total Commercial Permits

Sept 18	Sept 19
45	58

New Single Family Permits

Sept 18	Sept 19
87	109

Total Residential Permits

Sept 18	Sept 19
427	543

Commercial Plan Reviews

Sept 18	Sept 19
59	109

Residential Plan Reviews

Sept 18	Sept 19
575	1075

Rollover Inspections

Sept 18	Sept 19
58	148