



CONSTRUCTION PROJECT INFORMATION FLYER CITY OF ST. AUGUSTINE

Project Goal: Rehabilitate Sanitary Sewer Manholes with defects impacting surrounding paved and grassed surfaces and eliminate infiltration into the manholes selected for rehabilitation. This project is part of the City's ongoing Inflow and Infiltration (I&I) Elimination Program of the Sanitary Sewer Collection System. Manhole inspections have identified structures that have defects that allow in and exfiltration of ground water and sewage along with surface depressions in paved and unpaved surface surrounding the manhole. Rehabilitation of the selected manholes will eliminate the in and exfiltration attributed to the defects, eliminate the migration of subsurface soil into the collection system resulting in a manhole that will provide years of reliable service without requiring collection disruptions.

Project Requirements

The City has contracted with Engineered Spray Solutions (ESS), LLC to perform trenchless repairs and lining of sanitary sewer manholes.

- Coordinate and notify public in advance of manhole rehab work.
- Plan and execute traffic maintenance at rehab locations.
- Distribute door hangers notifying residents and businesses in the immediate area of rehab work.
- Clean and isolate each manhole to be rehabilitated.
- Seal infiltrations into the manhole.
- Apply cementitious repairs to the interior of the manhole rendering it suitable for applying polyurethane lining.
- Dry the interior of the manhole after repairs reducing the moisture content of the repaired surfaces.
- Apply a ¼" polyurethane lining to the interior of the manhole followed with high voltage lining integrity testing.
- After successfully testing the lining apply a polyurethane seal in the joint between the manhole cover and wall.
- During the preparations and lining of each manhole sewage levels in the immediate upstream manholes or clean-outs will be monitored to avoid interruption of sanitary services.

Note: Manhole rehabilitation work will not interrupt sanitary sewer services.

Project Approved

This project is funded through the city's annual I&I Elimination program budget for 2021/2022.

Questions Concerning the Project

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Project Contractor

ESS, LLC. Office Number: (863) 577 - 4821

Project Schedule

Manhole Rehab: May 23rd – September 30, 2022

Manhole Rehabilitation General Locations:

1. City sanitary gravity collection area West of San Marco Ave. between N. Hildreth Dr. and Ballard Ave.
2. Back of properties on the North and South sides of Carver St. W. East of Menendez Rd. and West of Anastasia Blvd.
3. Individual manholes in the city gravity sewer collection system.

Project Overview: Rehabilitate sanitary sewer manholes that have defects that contribute to in and exfiltration into the gravity sanitary sewer collection system.