

CASTLE ROCK WATER

RESOLUTION – CONSTRUCTION CONTRACT WITH INLINER SOLUTIONS FOR THE YOUNG AMERICAN INFRASTRUCTURE IMPROVEMENTS SANITARY SEWER REHABILITATION PROJECT

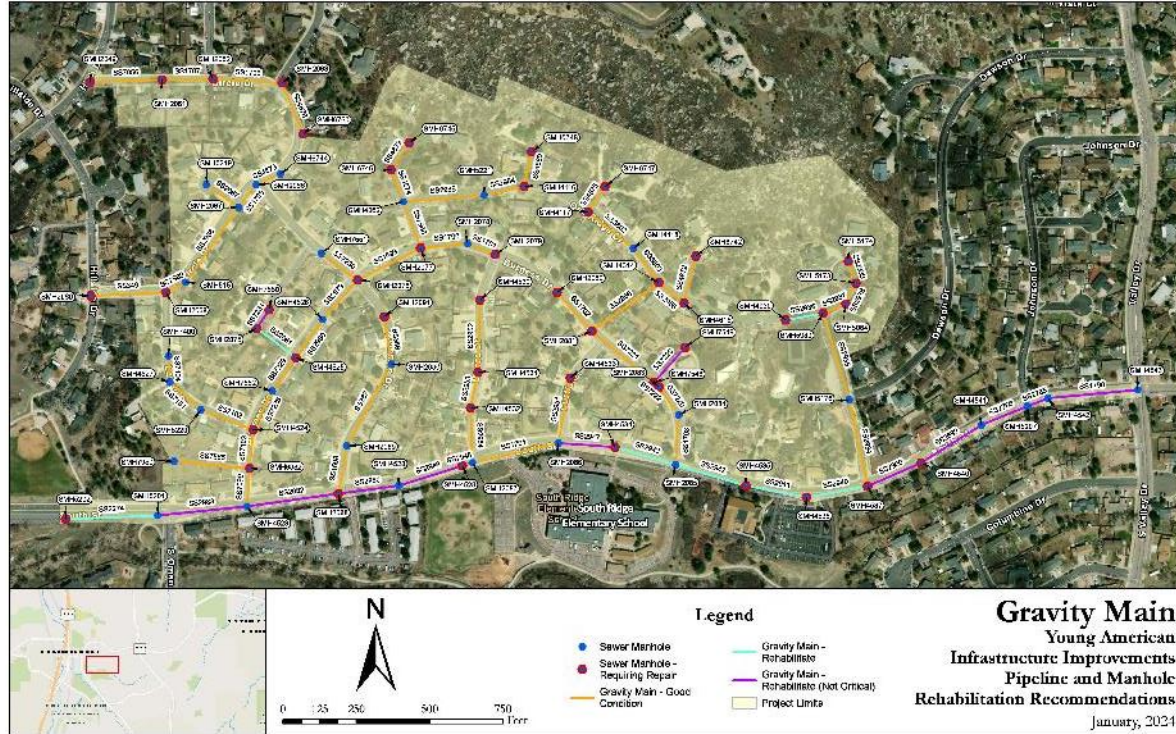
JULY 2, 2024



YOUNG AMERICAN SEWER REHAB

BACKGROUND

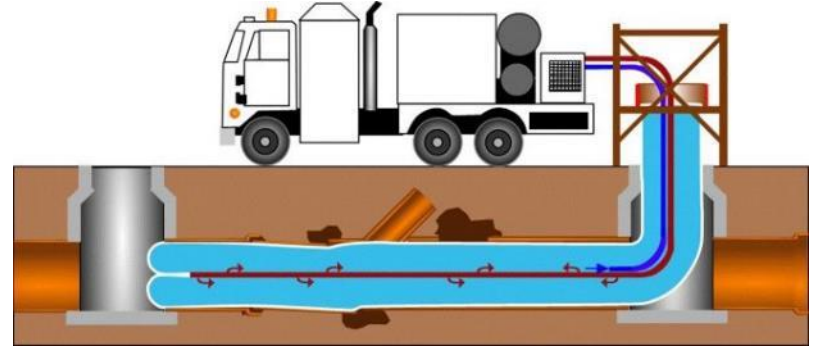
- Distribution and collection system was installed in the mid 1970's
- History of leaking joints, cracked pipes, root intrusion and increased maintenance
- Condition assessment of manholes and gravity sewer main conducted
- Existing pipe is 6" (1,336 LF) and 8" (11,987 LF) vitrified clay pipe
- Some portions have been lined recently this is final portion



YOUNG AMERICAN SEWER REHAB

PROJECT APPROACH

- Cured-In-Place Pipe (CIPP) Rehabilitation
- Trenchless pipe lining method
- Fully structural pipe within existing pipe
- Town has lined 8+ miles of clay pipe with CIPP



Flexible Liner



Finished Pipe

YOUNG AMERICAN SEWER REHAB

SCOPE

- Pre-lining CCTV inspection
- Cured-in-place-pipe 6" 402 LF
- Cured-in-place-pipe 8" 4,058 LF
- Lateral reinstatements
- Limited excavation in Right-of-Way (ROW)
 - No asphalt/concrete disturbance
 - Service connections in ROW included in future waterline replacement project ~ 2025
 - Lining operations on South Street only during school breaks



YOUNG AMERICAN SEWER REHAB

PROJECT SUMMARY

Construction Contract

- Bid Package sent to 3 pre-qualified contractors
- 2 Bid Proposals received
- Total cost \$322,837+\$32,284
Contingency = \$355,121 Authorization

Schedule

- Start – August 2024
- Complete – January 2025

Recommendations

- Commission and Staff

Company	Bid
Inliner Solutions	\$322,837
SAK	No Bid
Aegion/Insituform/C&L	\$339,518
<i>Engineer's Estimate</i>	<i>\$351,822</i>



YOUNG AMERICAN SEWER REHAB

UPCOMING PROJECTS

Project	2024	2025	2026	2027
Sanitary Sewer Rehab	\$322,837			
Waterline Replace + Roadway Phase 1		\$1,000,000*		
Waterline Replace+ Roadway Phase 2			\$2,000,000*	
Waterline Replace+ Roadway Phase 3				\$2,000,000*

*CRW to loan cost of roadway improvements, cost not included

YOUNG AMERICAN SEWER REHAB

MOTION OPTIONS

- PROPOSED MOTION:

- *“I move to approve the Resolution as introduced by title.”*

- ALTERNATIVE MOTIONS:

- *“I move to approve the Resolution as introduced by title, with the following conditions: (list conditions).”*
- *“I move to continue this item to the Town Council meeting on ____ date to allow additional time to (list information needed).”*