Ivins City Staff Report
City Council Meeting 3/23/2023

Agenda Item: Discuss and Consider Approval of Expenditure for Sewer Line Repair on 685 South Street

Submitted by: Charles R. Gillette, P.E. City Engineer

Recommended City Council Action:
Approve expenditure of $75,000 for sewer line repair on 685 South Street

BACKGROUND:

On 685 South Street, in the Shadow Canyon Subdivision, the entire area has been under distress due to blue clays since nearly when it was first constructed in 2006. As part of the city's sonar sewer pipeline inspection program, it was discovered that this section of pipe was clogged. The pipeline was further inspected with a camera and it was discovered that the sewer pipeline had what appeared to be heaving, thus no longer draining in an efficient manner.

It is necessary to excavate the heaving section of pipeline and relay it at a constant grade. We evaluating using city crews to do the work and tried to fit it into our schedule over the past 6 months and we couldn't get it scheduled due to too many other maintenance priorities. We need to complete the work before the next pavement maintenance cycle and thus we are requesting that we pay a private contractor to complete the work.

FINDINGS AND ANALYSIS:

Ivins City staff has solicited bids from two contractors. Leavitt Construction submitted a bid of $250 per lineal foot of repair. The other contractor, Prime Excavating, submitted a bid of $193 per lineal foot of repair plus $7,000 for mobilization and $5,200 for traffic control.

We estimating that the cost could be 200 lineal feet of main line repair plus 60 feet of lateral repairs.

This would result in the following costs:

- Leavitt Construction: $65,000
- Prime Excavating: $63,380

Staff is recommending that we hire Prime Excavating for the project. It is recommended that $75,000 be approved in case the damage is worse than projected.

SUPPORT MATERIALS:

- Map of Area
- Prime Excavating Proposal

FINANCIAL IMPACT:

GL52-4274.4: $75,000
The sewer capital budgets will need to be amended to account for the additional cost.

Respectfully Submitted:

Charles R. Gillette, P.E. City Engineer

Content Review:

Dale Coulam, City Manager

Estimate

PO Box 911494
St. George, UT 84791

Date	Estimate #
3/9/2023	1950

Name / Address	Project	685 South Sewer Main Repair Project
Ivins City	Phone #	Fax #
	435-705-0232	435-986-1294

Item	Description	Rate	Qty	Total
1075 Mobilization	Mobilization	7,000.00	1	7,000.00
1085 Traffic Control	Traffic control, temporary traffic plates for driveways	5,200.00	1	5,200.00
	PRICING BELOW IS PER LINEAR FOOT			
4061 8" Swr Main...	Expose portion of 8" sewer main at heaving locations and lower as needed to achieve proper grade of flow. Backfill lines, reusing onsite materials. Import and place 6" of road base leaving for Ivins City to fine grade and pave ($193.00 per linear foot)	193.00	1	193.00
4021 4" Swr Srvc	Expose portion of 4" sewer services at heaving locations and lower as needed to achieve proper grade of flow. Backfill lines, reusing onsite materials. Import and place 6" of road base leaving for Ivins City to fine grade and pave.($193.00 per linear foot)	193.00	1	193.00
	OPTIONS -Import fill as needed from city yard $10.50 per ton -Export of clay material from site as needed. $10.50 per ton (If Ivins City provides dump site) -Export of clay material from site as needed $25.85. per ton (If hauled to landfill) -If excavated materials cannot be stockpiled in street as needed to repair lines due to insufficient room, exporting and importing of materials will be done at $25.00 per ton (Assuming Ivins City has stockpile location near site)			
	PRICING INCLUSIONS -Exposing and lowering of heaving locations of sewer main and services. Backfill and subgrade for road base. -Load out and export of existing asphalt -Import and place 6" city spec road base and rough grade after backfilling sewer line.			

This estimate is good for 30 days.

Total

Estimate

PO Box 911494
St. George, UT 84791

Date	Estimate #
3/9/2023	1950

Name / Address	Project	685 South Sewer Main Repair Project
Ivins City	Phone #	Fax #
	435-705-0232	435-986-1294

Item	Description	Rate	Qty	Total
	NOTES AND EXCLUSIONS -Saw cutting of asphalt and/or concrete by others -Ground water stabilization -Ivins City assumed to expose all water,irrigation, joint utility, and gas lines as needed to repair lines -Pricing does not include complete removal and reinstallation of existing sewer lines, manholes, or any utilities or structures that may conflict -All asphalt paving and concrete repair/replacement by others. Unless requested otherwise -Compaction testing provided by others			
Terms	CONDITIONS OF AGREEMENT: 1. We hereby propose to do the outlined items of work, subject to all terms and conditions as set forth herein. 2. All agreements are contingent upon any unforeseen delays beyond our control. 3. Agreement may be withdrawn if not accepted within 30 days. 4. PAYMENTS ARE TO BE MADE AS FOLLOWS: All invoices are due upon receipt. In the event payment is not made in full within 15 days of receipt, I or we agree to pay if collection is made by suit or otherwise a reasonable attorney's fee, plus a FINANCE CHARGE OF 1 ½% per month (APR 18%) and hereby waive all rights to claim exemption under state laws. Signature by owner or agent constitutes acceptance of the above. 6. In the event of any damage on job site, notification must be given to Prime via e-mail within 5 days of project completion. 7. If Prime accepts responsibility for said damage, Prime retains 1st rights to repair. 8. All changes are to be requested and agreed upon via e-mail.			0.00

This estimate is good for 30 days.

Total

Estimate

PO Box 911494
St. George, UT 84791

Date	Estimate #
3/9/2023	1950

Name / Address	Project	685 South Sewer Main Repair Project
Ivins City	Phone #	Fax #
	435-705-0232	435-986-1294

Item	Description	Rate	Qty	Total
Acceptance of Ter...	ACCEPTED ESTIMATE The prices, terms, and specifications listed are hereby accepted. BUYER _____ Signature_____ _ Date of Acceptance _____			0.00

This estimate is good for 30 days.

Total $12,586.00

685 South Sewer Repair

