

SPRAGUE EXCAVATING CO., INC.

3208 SOUTH HIGHWAY 169
ST. JOSEPH, MISSOURI 64503

March 4, 2026

City of St. Joseph
1100 Frederick
St. Joseph, Missouri 64501

Attn: Edward Leaverton
Re: 36-Inch Force Main Replacement in the Vicinity of 1654 SW Lower Lake Road

We propose to furnish all labor, equipment, and material to replace the existing 36-inch force main under the levee to the east of the South Saint Joseph Industrial Sewer District to remove the risk of future breaks under the levee (Enclosure 1). The project includes the installation of new 36-inch line from the Water Protection Pump Station in the vicinity of South Saint Joseph Industrial Sewer District Treatment Facility to the vicinity of 1357 Lower Lake Road. Approximately 2500 feet of C900 will be used along the roadway. Once complete, we will cap the existing lock joint pipe that runs underneath the US Army Corps of Engineers (USACE) Levee and complete all restoration to City specifications.

We are utilizing Snyder and Associates for this design-build engineering project that will require USACE approval prior to installation of the new force main (Enclosure 2). Once initial approval is received, we will begin surveying and pot-holing at the proposed utility crossing sites to gain preliminary concept approval and begin ordering materials. All pipe and fittings will be ordered once we receive USACE approval of the surveyed route. Currently, 36-inch C900 pipe has a 6-to-8-week lead time. It is critical for the City to participate in the approval process to confirm proper pump specifications and necessary force main operating information for submission to the USACE.

There are no valves or vents to be installed along the new segment of the force main. There will be a planned valve installation at the connection to the existing force main on Lower Lake Road to provide for a future bypass for maintenance and lining. Force main signage will be provided by the City to facilitate the installation of locate wire connection boxes along the new force main route.

City of St. Joseph
March 4, 2026

Please review the projected timeline for execution of this project (Enclosure 2).
Weather permitting, work will be completed in accordance with the enclosed timeline.
The City will be given regular updates on the progression of the project, throughout completion.

Based on requirements determined in preliminary meetings with the City and USACE, and subject to final approval of the design-build project, we propose to perform this work based on our hourly rate contract with an estimated cost not to exceed \$1,615,700.00 (Enclosure 3).

Sincerely,

SPRAGUE EXCAVATING CO., INC.

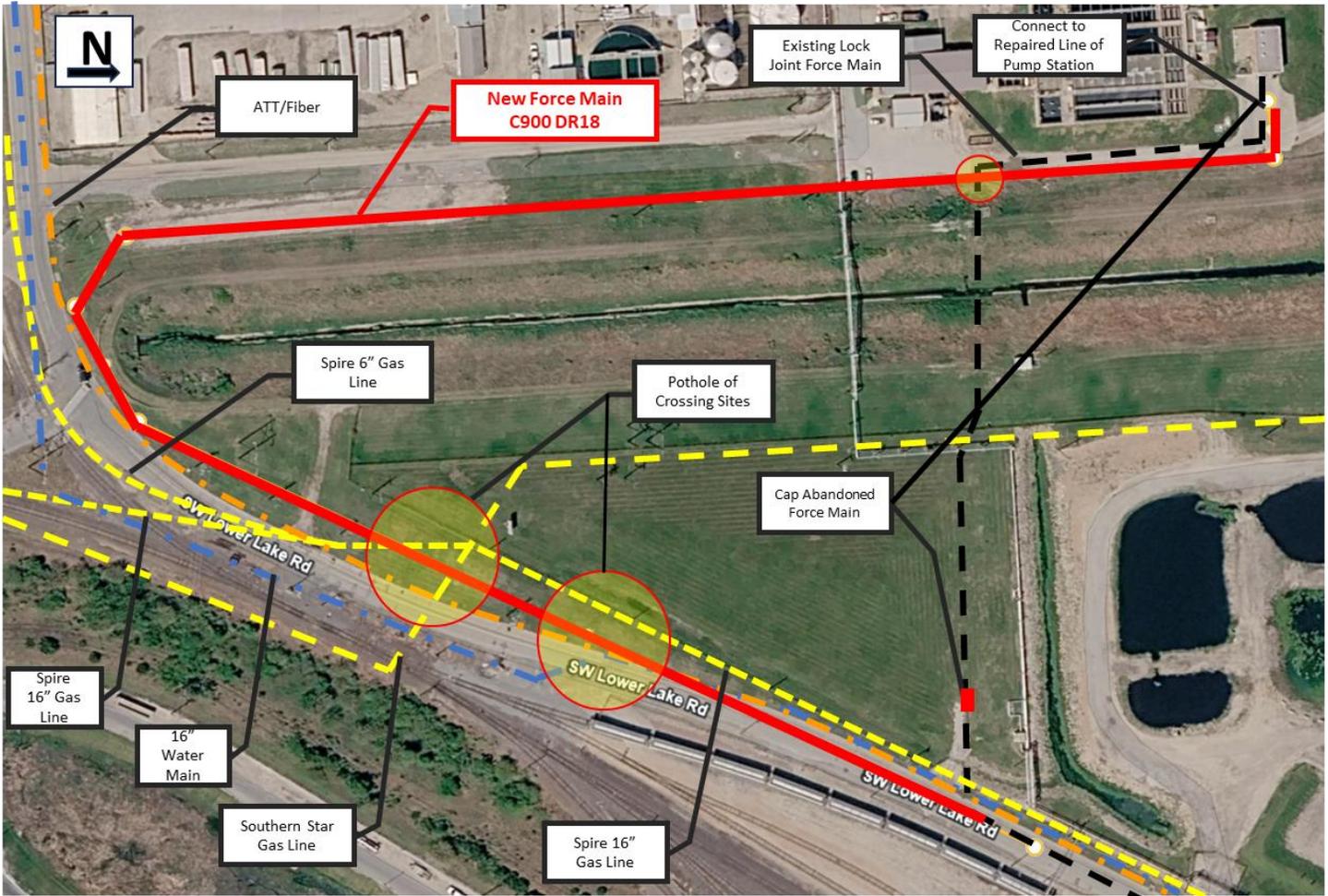
Drew R. Meyerowich
President

DRM:rl

Enclosures (3):

1. Map Proposal
2. Estimated Timeline
3. Work Estimate Form

Map Proposal



Estimated Timeline

36-Inch Lock Joint Force Main Timeline		
Timeline	Description	Remarks
Contract Approved		
Week 1	Initiate Survey and Approval	
Week 2	Survey, USACE Coordination	
Week 3	Survey, USACE Coordination	
Week 4	Survey, USACE Coordination	
Week 5	Survey, USACE Coordination	
Week 6	Pot Hole Utility Crossings	
Week 7	Survey Finalization/Approval	
Week 8	Survey Finalization/Approval	
Week 9	Survey Finalization/Approval	
Week 10	Survey Finalization/Approval	
Week 11	Survey Finalization/Approval	
Week 12	Survey Finalization/Approval	
Week 13	Survey Finalization/Approval	
Week 14	Survey Finalization/Approval	
Week 15		<p style="text-align: center;">Order C900 (6-8 Week Lead)</p> <p style="text-align: center;">Length and Connectors determined by plan approval</p>
Week 16		
Week 17		
Week 18		
Week 19		
Week 20		
Week 21		
Week 22		
Week 23	Connection Hole 1 and 2	
Week 24	Connection Hole 1 and 2/Prep	
Week 25	Pipe Delivery/Install	
Week 26	Pipe Install/Backfill	
Week 27	Pipe Install/Backfill	
Week 28	Pipe Install/Backfill	
Week 29	Final Connections/Cut/Connect	
Week 30	Cap Old Force Main/Backfill	
Week 31	Backfill	
Week 32	Restoration	
Week 33	Restoration	
Week 34	Restoration	

Sprague Excavating Co., Inc. - 2020 Estimate Form					
Contract for Wastewater Treatment Facility On-Call & Routine Repairs					
Date	03/04/2026		Estimate	\$ 1,615,700.00	
Location	Saint Joseph Water Protection, Vicinity 1654 SW Lower Lake Rd, St Joseph, MO 64504		Description	Replace 36-inch Force Main	
Line	Description	Units	Unit Costs	Quantity	Total
1	Prevailing Wage Rates - Annual Wage Order No. 32				
2	Operating Engineer	Regular	\$ 77.50	1080.0	\$ 83,700.00
3	Operating Engineer	OT	\$ 116.25		\$ -
4	Operating Engineer	Sunday/Holiday	\$ 155.00		\$ -
5	Laborer	Regular	\$ 64.50	800.0	\$ 51,600.00
6	Laborer	OT	\$ 96.75		\$ -
7	Laborer	Sunday/Holiday	\$ 129.00		\$ -
8	Total Prevailing Wages =				\$ 135,300.00
9	Non Prevailing Wage Rates				
10	Supervisor/Operator	Regular	\$ 77.50		\$ -
11	Supervisor/Operator	OT	\$ 116.25		\$ -
12	Supervisor/Operator	Holiday	\$ 155.00		\$ -
13	Laborer	Regular	\$ 64.50		\$ -
14	Laborer	OT	\$ 96.75		\$ -
15	Laborer	Holiday	\$ 129.00		\$ -
16	Total Non Prevailing Wages =				\$ -
17	Equipment				
18	Air Compressor	Hour	\$ 30.00		\$ -
19	Aluminum Shoring	Day	\$ 25.00	300.0	\$ 7,500.00
20	Arrow Board	Day	\$ 100.00		\$ -
21	Bucket Truck	Hour	\$ 75.00		\$ -
22	Bulldozer	Hour	\$ 52.00		\$ -
23	Chain Saw - Gas	Hour	\$ 10.00		\$ -
24	Chain Saw - Hydraulic	Hour	\$ 15.00	60.0	\$ 900.00
25	Core Drill	Hour	\$ 30.00		\$ -
26	Digger Derrick	Hour	\$ 75.00		\$ -
27	Directional Boring machine	Hour	\$ 110.00		\$ -
28	Dump Truck	Hour	\$ 60.00	400.0	\$ 24,000.00
29	Farm Tractor with Implement	Hour	\$ 25.00		\$ -
30	Generator	Hour	\$ 10.00	80.0	\$ 800.00
31	Grader Laser	Day	\$ 40.00	10.0	\$ 400.00
32	Grout Pump	Hour	\$ 20.00	60.0	\$ 1,200.00
33	Hot Saw	Hour	\$ 10.00		\$ -
34	I Beams	Day	\$ 27.00		\$ -
35	Rubber-Tired Backhoe	Hour	\$ 40.00	80.0	\$ 3,200.00
36	Rubber-Tired Breaker	Hour	\$ 86.00		\$ -
37	Rubber-Tired Tamper	Hour	\$ 86.00		\$ -
38	Semi & Lowboy	Hour	\$ 50.00		\$ -
39	Sewer Line Camera	Hour	\$ 30.00		\$ -
40	Sheet Piling	Day	\$ 20.00		\$ -
41	Skid Steer Loader	Hour	\$ 40.00	300.0	\$ 12,000.00
42	Steel Plates - 5' x 12'	Day	\$ 15.00	300.0	\$ 4,500.00
43	Steel Plates - 8' x 16'	Day	\$ 25.00		\$ -

Sprague Excavating Co., Inc. - 2020 Estimate Form					
Contract for Wastewater Treatment Facility On-Call & Routine Repairs					
Date	03/04/2026		Estimate	\$ 1,615,700.00	
Location	Saint Joseph Water Protection, Vicinity 1654 SW Lower Lake Rd, St Joseph, MO 64504		Description	Replace 36-inch Force Main	
Line	Description	Units	Unit Costs	Quantity	Total
44	Equipment (Continued)				
45	Street Saw	Hour	\$ 35.00	60.0	\$ 2,100.00
46	Tracked Excavator - Large	Hour	\$ 105.00	200.0	\$ 21,000.00
47	Tracked Excavator - Medium	Hour	\$ 85.00	440.0	\$ 37,400.00
48	Tracked Excavator - Mini	Hour	\$ 60.00		\$ -
49	Traffic Control	Day	\$ 75.00	40.0	\$ 3,000.00
50	Trench Box	Week	\$ 1,000.00	8.0	\$ 8,000.00
51	Truck - 2 Ton	Hour	\$ 25.00	800.0	\$ 20,000.00
52	Truck & Tools	Hour	\$ 25.00	400.0	\$ 10,000.00
53	Vaccum Excavation Rig	Hour	\$ 80.00	120.0	\$ 9,600.00
54	Water Pump	Hour	\$ 10.00	80.0	\$ 800.00
55	Welder	Hour	\$ 20.00		\$ -
56	Total Equipment =				\$ 166,400.00
57	Supplies, Materials, Equipment Rental, Etc.				
58	Design Built Engineering Services	Lump Sum	\$ 55,000.00	1	\$ 55,000.00
59	Pipe: 36-Inch C900 DR18	Lump Sum	\$ 555,000.00	1	\$ 555,000.00
60	MJ Connection Fittings	Lump Sum	\$ 90,000.00	1	\$ 90,000.00
61	Rock/Flowfill	Lump Sum	\$ 250,000.00	1	\$ 250,000.00
62	Concrete	Lump Sum	\$ 90,000.00	1	\$ 90,000.00
63	Concrete Blocks and Bricks	Lump Sum	\$ 30,000.00	1	\$ 30,000.00
64	Lumber, Rebar, Quicksetting Cement	Lump Sum	\$ 25,000.00	1	\$ 25,000.00
65					
66					\$ -
67					\$ -
68					\$ -
69					\$ -
70					\$ -
71					\$ -
72					\$ -
73					\$ -
74					\$ -
75					\$ -
76					\$ -
77					\$ -
78					\$ -
79					\$ -
80					\$ -
81					\$ -
82					\$ -
83					\$ -
84	Sub Total =				\$ 1,095,000.00
85	20% Add On =				\$ 219,000.00
86	Total Supplies=				\$1,314,000.00
87	Total Estimate=				\$1,615,700.00