



City of Lee's Summit

Change Order Details

Water Main Replacement FY22 - First Phase

Description	<p>Installation of approximately 15,000 feet of water main, hydrants, valves, fittings, service lines, service connections, connections to existing water mains, surface restoration including all materials, labor, equipment, testing, supervision, and any and all other items necessary to complete the work.</p> <p>Project Number: 496-1 Purchase Order Number: 130552 Fund: 316 Activity: 49631683-1 Accounting Unit: 31683750444 Contractor: Wiedenmann, Inc. (1955); Jerry Wiedenmann - (816) 589-3753 QA Testing Lab: Kaw Valley Engineering, Inc. Purchase Order #130915 NOTE: Appia Notice to Proceed date represents the contract Notice of Award. Appia Construction Start Date represents the project Notice to Proceed as defined in the contract.</p>
Prime Contractor	<p>Wiedenmann Inc. 950 N. Scott Belton, MO 64012</p>
Change Order	<p>4</p>
Status	<p>Pending</p>
Date Created	<p>11/30/2022</p>
Type	<p>City Council Approval</p>
Summary	<p>Reason for change order: Additional costs incurred for potholing sanitary sewer service laterals, sanitary lateral repairs, additional water service line, fitting substitution, water meter leak repairs, additional 8" gate valves, and increased quantities.</p>

Change Order Description

- City staff determined to pothole and expose the sanitary laterals that cross the existing water main prior to the water main pipe bursting operation along SW 1st St. The potholing was done to prevent and verify any sanitary lateral damage due to the bursting operation. The laterals were potholed at the following addresses along SW 1st St: 1402, 1404, 1406, 1500, 1502, 1506, 1510, 1512, 1514, and 1516.
- The sanitary lateral at 510 SE Adobe Dr was damaged during the water main pipe bursting operation. The contractor made necessary repairs to the lateral.
- The sanitary laterals at 1406, 1502, 1506, 1510 and 1514 SW 1st St were damaged during the water main pipe bursting operation. The contractor made necessary repairs to the lateral.
- City staff determined to add 3/4" water service line at 1401, and 1513 SW 1st St in order to relocate the water service connections outside the driveways.
- Water Utilities requested to substitute the proposed tee fitting with a cross fitting and plug on the west side. The fitting is located at Sta. 0+00 on Plan Sheet 17 (SW Blue Pkwy). The substitution was requested to allow for a future water main connection that is to be included in a future project.
- The existing water meters were leaking at 1400, 1402, 1503, 1511, 1500, 1513 and 1516 SW 1st St, and at 612 SE Adobe Dr. City staff determined to repair the leaks using replacement parts supplied Water Utilities.
- Water Utilities staff determined to add two 8" gate valves near Sta. 21+00 on M291 to eliminate disruptions to the water service during water main replacement and to provide additional valves for future use.

Awarded Project Amount \$3,818,177.00
Authorized Project Amount \$4,073,834.10
Change Order Amount \$56,149.47
Revised Project Amount \$4,129,983.57

Increases/Decreases

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
Section: 1 - Description									
0006	6	LF	\$95.000	1,311.000	\$124,545.00	13.100	\$1,244.50	1,324.100	\$125,789.50
WATER LINE PIPE - 6" HDPE (DR 9)									

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount

Reason: Final measured quantity.

0010	10	LF	\$175.000	142.000	\$24,850.00	14.500	\$2,537.50	156.500	\$27,387.50
------	----	----	-----------	---------	-------------	--------	------------	---------	-------------

LOWERING WATER MAIN - 6"

Reason: There is a vertical offset between the water mains that required vertical bends in order to make connections to the existing water main. Westwind Dr and Chipman Rd 5.5 LF. Adobe Dr and 6th Ter Sta. 0+00 9 LF.

0011	11	LF	\$280.000	124.000	\$34,720.00	6.000	\$1,680.00	130.000	\$36,400.00
------	----	----	-----------	---------	-------------	-------	------------	---------	-------------

LOWERING WATER MAIN - 8"

Reason: There is a vertical offset between the water mains that required vertical bends in order to make connections to the existing water main. Chipman Rd and Banner Sta. 0+00 Plan Sheet 27.

0013	13	LF	\$26.000	3,507.500	\$91,195.00	94.000	\$2,444.00	3,601.500	\$93,639.00
------	----	----	----------	-----------	-------------	--------	------------	-----------	-------------

WATER SERVICE LINE - 3/4" COPPER

Reason: The existing water services were connected to the water main under the driveways at 1515 SW 1st St and 1401 SW Highway Ln. Public Works staff determined to make the new water service line connections outside the driveway. This required 48 LF of additional water service line at 1515 SW 1st St, and 46 LF of additional water service line at 1401 SW Highway Ln.

0021	21	EA	\$2,200.000	20.000	\$44,000.00	2.000	\$4,400.00	22.000	\$48,400.00
------	----	----	-------------	--------	-------------	-------	------------	--------	-------------

WATER LINE VALVE - 8" GATE

Reason: Water Utilities staff determined to add to additional 8" gate valves to provide water service to a business during water main replacement and to provide additional valves for future use. The valves were installed on M291 near Sta. 21+00 on plan sheet 22.

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
0046-C2	New Item(s)	LF	\$40.000	95.000	\$3,800.00	13.100	\$524.00	108.100	\$4,324.00
New Item: CURB AND GUTTER (ALL TYPES) (NW O'BRIEN RD)									
Reason: Final measured quantity.									
0052-C2	New Item(s)	SY	\$100.000	29.000	\$2,900.00	58.800	\$5,880.00	87.800	\$8,780.00
New Item: PAVEMENT REPAIR (NW O'BRIEN RD)									
Reason: Final measured quantity.									
0053-C2	New Item(s)	SY	\$125.000	34.000	\$4,250.00	41.330	\$5,166.25	75.330	\$9,416.25
New Item: DRIVEWAYS - CONCRETE COMMERCIAL (NW O'BRIEN RD)									
Reason: Final measured quantity.									
0054-C2	New Item(s)	SY	\$90.000	50.000	\$4,500.00	0.330	\$29.70	50.330	\$4,529.70
New Item: SIDEWALK - CONCRETE (NW O'BRIEN RD)									
Reason: Final measured quantity.									
0055-C2	New Item(s)	SY	\$10.000	364.000	\$3,640.00	429.100	\$4,291.00	793.100	\$7,931.00
New Item: SOD (NW O'BRIEN RD)									
Reason: Final measured quantity.									
0057-C3	New Item(s)	EA	\$1,600.000	4.000	\$6,400.00	8.000	\$12,800.00	12.000	\$19,200.00
New Item: Water Meter Assembly Leak Repaired With Replacement Meter Assembly Parts Supplied By Water Utilities									

Line Number	Item ID	Unit	Unit Price	Current	Change	Revised			
				Quantity	Amount	Quantity	Amount	Quantity	Amount

Reason: The existing water meters were leaking. Public Works staff determined to repair the leaks using replacement parts supplied by Water Utilities. The locations are 1400, 1402, 1503, 1511, 1500, 1513 and 1516 SW 1st St, and 612 SE Adobe Dr.

0058-C3	New Item(s)	LF	\$21.090	303.000	\$6,390.27	5.000	\$105.45	308.000	\$6,495.72
New Item: Additional Costs to Upsize 6" pipe to 8" Pipe (SE 5th Ter)									
Reason: Final measured quantity.									
12 items			Totals		\$351,190.27		\$41,102.40		\$392,292.67

New Items

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
-------------	---------	------	----------	------------	-----------

Section: 1 - Description

0060-C4	New Item(s)	LS	1.000	\$11,397.790	\$11,397.79
New Item: Sanitary Lateral Potholing (SW 1st St)					
Reason: The laterals at 1402, 1404, 1406, 1500, 1502, 1506, 1510, 1512, 1514 and 1516 SW 1st were potholed to prevent damage and verify any damage during the water main pipe bursting operation.					
0061-C4	New Item(s)	LS	1.000	\$799.640	\$799.64
New Item: Sanitary Lateral Repair - 510 SE Adobe Dr (9/16/22)					
Reason: The sanitary lateral at 510 SE Adobe Dr was damaged during pipe bursting. The contractor made necessary repairs to the lateral.					

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
0062-C4	New Item(s)	LS	1.000	\$225.400	\$225.40
New Item: Cross Fitting With Plug Substitution (Sta. 0+00 Plan Sheet 17 - SW Blue Pkwy)					
Reason: Water Utilities requested to substitute the proposed tee fitting with a cross fitting and plug on the west side. The fitting is located at Sta. 0+00 on Plan Sheet 17 (SW Blue Pkwy). The substitution was requested to allow for a future water main connection that is to be included in a future project.					
0063-C4	New Item(s)	LS	1.000	\$2,624.240	\$2,624.24
New Item: Sanitary Lateral Repairs at 1406, 1502, 1506, 1510 and 1514 SW 1st St					
Reason: The sanitary laterals were damaged during the water main pipe bursting operation.					
4 items					Total: \$15,047.07

Attachments

Document	Name	Description	Submission Date
510_SE_Adobe_Dr_Sanitary_Repair_-_Contractor_Invoice.pdf	510 SE Adobe Dr Sanitary Repair - Contractor Invoice.pdf	Contractor's invoice for lateral repair.	12/04/2022 09:04 AM EST
755_LS_MO_WMR_COR_28_Inv._Summary.pdf	755 LS MO WMR COR 28 Inv. Summary.pdf		01/04/2023 09:12 PM EST
Contractors_Cost_Proposal_Cross_Substitution.msg	Contractors Cost Proposal Cross Substitution.msg		01/04/2023 09:30 PM EST
755_COR_28_Service__2.pdf	Cost Breakdown for Sanitary Lateral Repairs at 1402 SW 1st St		01/04/2023 09:15 PM EST
755_COR_28_Service__3.pdf	Cost Breakdown for Sanitary Lateral Repairs at 1502 and 1506 SW 1st St		01/04/2023 09:17 PM EST
8 attachments			

Document	Name	Description	Submission Date
755_COR_28_Service__1.pdf	Cost Breakdown for Sanitary Lateral Repairs at 1510 and 1514 SW 1st st		01/04/2023 09:13 PM EST
755_LS_MO_WMR_2022_COR_28.pdf	Invoice for Sanitary Lateral Repairs on SW 1st St		01/04/2023 09:09 PM EST
Sanitary_Pothole_SW_1st_-_Contractor_Invoice.pdf	Sanitary Pothole SW 1st - Contractor Invoice.pdf	Contractor's invoice for sanitary lateral potholing on SW 1st St.	12/04/2022 09:07 AM EST
8 attachments			