



City of Lee's Summit

Change Order Details

Water Main Replacement FY21

Description	Installation of approximately 24,000 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. PO 128785 Vendor 1955 Project # 438-C 4343831683-1
Prime Contractor	Wiedenmann Inc. 950 N. Scott Belton, MO 64012
Change Order	4
Status	Pending
Date Created	08/29/2022
Type	City Council Approval
Summary	Final Change order 4
Change Order Description	Balancing Change Order for Final Payment

Pipe upsizing - It was discovered from Sta 1+00 to 7+00 that the existing main was four inch instead of the noted six inch. This Change Order includes additional, labor, materials, equipment, and rental for the lost production required to upsize the existing four inch to six inch.

Electric Conflict - During construction of Timberlake Trail, there was an electric conflict which prevented pipe bursting. Wiedenmann was directed to proceed with trench excavation where conflicts occurred. Change Order includes additional, labor, materials, equipment.

Water depth issue - During construction it was discovered there were six areas where the watermain exceeded the forty-two-inch depth threshold. The additional materials required to extend, six valves and six hydrants, including additional shoring and excavation are included in the pricing.

Boring complications - When boring in some areas the water main was installed shallow, which caused damage to hard surfaces.

Emergency Sewer Repair - Wiedenmann is instructed to make a emergency sewer repair for 511 SW 2nd street. During the excavation it was discovered there was no damaged caused from Water FY21 work. Restoration was completed, including pouring a driveway back.

Fire hydrant Overrun - During construction it was discovered the project will need 10 additional fire hydrants to be installed over the original contract quantity

of 35. Wiedenmann is requesting a change order for the material increase above the original material price for the first 35 hydrants.

Awarded Project Amount	\$3,536,537.00
Authorized Project Amount	\$4,008,154.37
Change Order Amount	\$88,332.93
Revised Project Amount	\$4,096,487.30

Increases/Decreases

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
Section: 1 - Description									
0005	5	Ln Ft	\$83.000	10,526.000	\$873,658.00	-174.500	-\$14,483.50	10,351.500	\$859,174.50
Water Line Pipe - 6" PVC									
0006	6	Ln Ft	\$71.000	7,613.000	\$540,523.00	841.000	\$59,711.00	8,454.000	\$600,234.00
Water Line Pipe - 8" PVC									
0009	9	Ln Ft	\$130.000	310.000	\$40,300.00	-310.000	-\$40,300.00	0.000	\$0.00
Lowering Water Main - 6"									
0010	10	Ln Ft	\$135.000	120.000	\$16,200.00	-120.000	-\$16,200.00	0.000	\$0.00
Lowering Water Main - 8"									
0011	11	Ea	\$800.000	280.000	\$224,000.00	-10.000	-\$8,000.00	270.000	\$216,000.00
Water Service - Re-Connections (All Sizes)									
0012	12	Ea	\$800.000	71.000	\$56,800.00	-2.000	-\$1,600.00	69.000	\$55,200.00
Water Meter Well									
0013	13	Ea	\$1,800.000	25.000	\$45,000.00	1.000	\$1,800.00	26.000	\$46,800.00
Water Meter Relocation - Reuse Existing Meter									
0014	14	Ea	\$800.000	3.000	\$2,400.00	-1.000	-\$800.00	2.000	\$1,600.00
Water Meter Well Adjustment									
0017	17	Ea	\$2,000.000	11.000	\$22,000.00	2.000	\$4,000.00	13.000	\$26,000.00
Water Line Valve - 8" Gate									

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
0021	21	Sq Yd	\$125.000	393.000	\$49,125.00	6.770	\$846.25	399.770	\$49,971.25
Pavement Repair									
0022	22	Sq Yd	\$125.000	80.000	\$10,000.00	-54.300	-\$6,787.50	25.700	\$3,212.50
Parking Lot - Asphalt									
0023	23	Sq Yd	\$125.000	1,052.000	\$131,500.00	217.480	\$27,185.00	1,269.480	\$158,685.00
Driveways - Concrete Residential									
0024	24	Sq Yd	\$125.000	35.000	\$4,375.00	-9.500	-\$1,187.50	25.500	\$3,187.50
Driveways - Concrete Commercial									
0025	25	Ln Ft	\$45.000	281.000	\$12,645.00	32.000	\$1,440.00	313.000	\$14,085.00
Curb and Gutter (All Types)									
0028	28	Sq Yd	\$10.000	19,580.000	\$195,800.00	-1,411.890	-\$14,118.90	18,168.110	\$181,681.10
Sod									
0090	New Item(s)	EA	\$148.240	13.000	\$1,927.12	-1.000	-\$148.24	12.000	\$1,778.88
New Item: 2" Tapping Saddle									
16 items			Totals		\$2,226,253.12		-\$8,643.39		\$2,217,609.73

New Items

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
Section: 1 - Description					
0150	New Item(s)	LS	1.000	\$4,640.130	\$4,640.13

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
New Item: 4" pipe upsizing					
Reason: It was discovered from Sta 1+00 to 7+00 that the existing main was four inch instead of the noted six inch. This Change Order includes additional, labor, materials, equipment, and rental for the lost production required to upsize the existing four inch to six inch.					
0160	New Item(s)	LS	1.000	\$13,059.450	\$13,059.45
New Item: Timberlake Trail Electric Conflict					
Reason: During construction of Timberlake Trail, there was an electric conflict which prevented pipe bursting. Wiedenmann was directed to proceed with trench excavation where conflicts occurred. Change Order includes additional, labor, materials, equipment.					
0170	New Item(s)	LS	1.000	\$13,322.160	\$13,322.16
New Item: Watermain exceeding 60" in depth					
Reason: During construction it was discovered there were six areas where the watermain exceeded the forty two inch depth threshold. The additional materials required to extend, six valves and six hydrants, including additional shoring and excavation are included in the pricing.					
0180	New Item(s)	LS	1.000	\$45,201.690	\$45,201.69
New Item: Unplanned pavement and hard surface Removals					
Reason: When boring in some areas the water main was installed shallow, which caused damage to hard surfaces. The cost for this quantity overrun is 699.50 SY x \$64.62 = \$45,201.69					
0190	New Item(s)	LS	1.000	\$10,065.350	\$10,065.35
New Item: Emergency Sewer Repair					
Reason: Wiedenmann is instructed to make a emergency sewer repair for 511 SW 2nd street. During the excavation it was discovered there was no damaged caused from Water FY21 work. Restoration was completed, including pouring a driveway back.					
0200	New Item(s)	LS	1.000	\$10,687.540	\$10,687.54

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
New Item: Firehydrant Overrun					
<p>Reason: During construction it was discovered the project will need 10 additional fire hydrants to be installed over the original contract quantity of 35. Wiedenmann is requesting a change order for the material increase above the original material price for the first 35 hydrants.</p>					
6 items					Total: \$96,976.32

Doc Express® Document Signing History

Contract: Watermain Replacement FY21 - Haley / Weidenman Inc Document: Final Change Order - Change Order 4

This document is in the process of being signed by all required signatories using the Doc Express® service. Following are the signatures that have occurred so far.

Date	Signed By
02/01/2023	Jon Haley City of Lee's Summit Electronic Signature (Submitted to Contractor)
02/01/2023	Daniel Forbes Wiedenmann Inc Electronic Signature (Approved by Contractor)
	(Approved by Engineer)
	(Approved by Construction Manager)
	(Deputy Dir. of Water Utilities)
	(Director of Water Utilities)
	(Approved as to Form, Office of the City Attorney)
	(Approved by City Manager)
	(Attested by the City Clerk)