



# City of Lee's Summit

## Change Order Details

Water Main Replacement FY22 - First Phase

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<b>Description</b>	<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><b>Project Number: 496-1</b> <b>Purchase Order Number: 130552</b> <b>Fund: 316 Activity: 49631683-1</b> <b>Accounting Unit: 31683750444</b> <b>Contractor: Wiedenmann, Inc. (1955); Jerry Wiedenmann - (816) 589-3753</b> <b>QA Testing Lab: Kaw Valley Engineering, Inc. Purchase Order #130915</b> <b>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.</b></p>
<b>Prime Contractor</b>	<p>Wiedenmann Inc. 950 N. Scott Belton, MO 64012</p>
<b>Change Order</b>	<p>3</p>
<b>Status</b>	<p>Pending</p>
<b>Date Created</b>	<p>08/10/2022</p>
<b>Type</b>	<p>City Council Approval</p>
<b>Summary</b>	<p>Reason for the change: To change the contract price for additional costs associated with added work and to add contract time to the Milestone 3 area as described below.</p>

**Change Order Description**

Additional 3/4" Water Service Line (Pay Item 13) - It was determined the existing water meters at 206, 208, 211, 213, 210 and 212 SW Yost Ave were serviced by one water service line that split to serve two meters. City staff determined a separate service line is required to serve each water meter, therefore, additional 3/4" water service line is required.

Five additional Water Meter Relocations Pay Item 15 - The existing double setter water meter assemblies were found to be leaking once the meter that was scheduled to be relocated was removed. City staff determined the leaks needed to be repaired, therefore, the meter assembly parts were removed and replaced. This took place at five meter locations; 1204, 1302, 1306 and 1406 SW Peggy Cir, and 206 SW Yost Ave.

Time and Materials costs for repairs made to the sanitary laterals at 1504, 1510 and 1406 SW Highway Ln, and at 1418 SW Highway Ln Cir and 1410 SW Highway Ln. The sanitary laterals were damaged during the pipe bursting operation and during the installation of a new 3/4" copper service line.

Water Utilities supplied meter assembly parts to the contractor to repair water leaks at the existing water meter assemblies at 1506, 1510, and 1513 SW Highway LN, and at 1414 SW Highway Ln Cir.

Change to contract time Milestone 3: Due to the configuration of the existing water mains, it has been determined an additional 45 days is needed to complete the work and required water main testing for Milestone 3.

SE 5th Ter - The plans show the existing water main to be 6" in diameter. The existing main was found to be 8" in diameter. City staff determined to upsize the pipe from 6" to 8" by pipe bursting method. The upsize in pipe by burst method requires additional labor and equipment to complete. The additional cost is \$21.09/LF and the price includes all costs necessary to complete the work.

NW O'Brien Rd - The proposed water main along NW O'Brien Rd was planned to installed burst method. Two existing curb inlets were found to be in conflict with the proposed water main alignment. City staff determined four horizontal bends are necessary to install the water main around the curb inlets. The added bends require additional labor, materials, and equipment costs. The additional cost is \$8,379.78 for each set of four horizontal bends. The additional cost includes all costs necessary to complete the work excluding flatwork and restoration bid items.

**Awarded Project Amount** \$3,818,177.00

**Authorized Project Amount** \$4,022,415.75

**Change Order Amount** \$51,418.35

**Revised Project Amount** \$4,073,834.10

**Increases/Decreases**

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
<b>Section: 1 - Description</b>									
0013	13	LF	\$26.000	3,341.000	\$86,866.00	166.500	\$4,329.00	3,507.500	\$91,195.00
WATER SERVICE LINE - 3/4" COPPER									
<b>Reason:</b> It was determined the existing water meters at 206, 208, 211, 213, 210 and 212 SW Yost Ave were serviced by one water service line that split to serve two meters. City staff determined a separate service line is required to serve each water meter, therefore, additional 3/4" water service line is required.									
0017	17	EA	\$2,100.000	64.000	\$134,400.00	5.000	\$10,500.00	69.000	\$144,900.00
WATER METER RELOCATION - REUSE EXISTING WATER METER									
<b>Reason:</b> The existing double setter water meter assemblies were found to be leaking once the meter that was scheduled to be relocated was removed. City staff determined the leaks needed to be repaired, therefore, the meter assembly parts were removed and replaced. This took place at five meter locations; 1204, 1302, 1306 and 1406 SW Peggy Cir, and 206 SW Yost Ave.									
2 items			Totals		\$221,266.00		\$14,829.00		\$236,095.00

**New Items**

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
<b>Section: 1 - Description</b>					
0056-C3	New Item(s)	LS	1.000	\$7,039.520	\$7,039.52
New Item: Time and Materials for Sanitary Lateral Repairs 1406, 1504, and 1510 SW HWY LN and 1418 SW HWY LN CIR					

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
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**Reason:** The sanitary laterals were damaged during the pipe bursting operation at 1406, 1504 and 1510 SW Highway Ln. The sanitary lateral was damaged during the installation of the 3/4" copper water service line at 1418 SW Highway Ln Cir. The cost for repairs at 1504 and 1510 SW Highway lane = \$5,370.11. Cost for repairs at 1406 SW Highway Ln = \$1,032.49. Cost for repairs at 1418 SW Highway Ln Cir = \$636.91.

0057-C3	New Item(s)	EA	4.000	\$1,600.000	\$6,400.00
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New Item: Water Meter Assembly Leak Repaired With Replacement Meter Assembly Parts Supplied By Water Utilities

**Reason:** The existing water meter assemblies were found to be leaking due to corroded meter assembly parts. Water Utilities provided the direction to have contractor replace the leaking parts with replacement parts that Water Utilities supplied.

0058-C3	New Item(s)	LF	303.000	\$21.090	\$6,390.27
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New Item: Additional Costs to Upsize 6" pipe to 8" Pipe (SE 5th Ter)

**Reason:** The plans show the existing water main to be 6" in diameter. The existing main was found to be 8" in diameter. City staff determined to upsize the pipe from 6" to 8" by pipe bursting method. The upsize in pipe by burst method requires additional labor and equipment to complete. The additional cost is \$21.09/LF and the price includes all costs necessary to complete the work.

0059-C3	New Item(s)	EA	2.000	\$8,379.780	\$16,759.56
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New Item: 8" Horizontal Bends Sections (NW O'Brien Rd)

**Reason:** NW O'Brien Rd - The proposed water main along NW O'Brien Rd was planned to be installed burst method. Two existing curb inlets were found to be in conflict with the proposed water main alignment. City staff determined four horizontal bends are necessary to install the water main around the curb inlets. The added bends require additional labor, materials, and equipment costs. The additional cost is \$8,379.78 for each set of four horizontal bends. The additional cost includes all costs necessary to complete the work excluding flatwork and restoration bid items.

4 items					Total: \$36,589.35
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# Time Limit Changes

Type	Original Deadline	Current Deadline	Pending Extension	Pending Deadline
Calendar Days	60.0 Days	60.0 Days	45.0 Days	105.0 Days

Milestone 3: All work shall be completed along SE 5th Terrace, SE Adobe Drive, and SE 6th Terrace as shown in the plans within 60 calendar days of the date work commences within the area. The plans pertaining to this Milestone are sheets 13-16.

**Reason:** Change to contract time Milestone 3: Due to the configuration of the existing water mains, it has been determined an additional 45 days is needed to complete the work and required water main testing for Milestone 3

1 time limit

## Attachments

Document	Name	Description	Submission Date
_755_-_WMR_FY22_-_1406_SW_Hwy_Ln_Inv oice.pdf	#755 - WMR FY22 - 1406 SW Hwy Ln Invoice.pdf	Change Order request and invoice for sewer lateral repair.	08/29/2022 04:54 PM EDT
_755_-_WMR_FY22_-_1418_SW_Hwy_Ln_Inv oice.pdf	#755 - WMR FY22 - 1418 SW Hwy Ln Invoice.pdf	Change Order request and invoice for sewer lateral repairs.	08/29/2022 04:54 PM EDT
_755_-_WMR_FY_22_-_1504___1510_SW_Hwy_Ln_Inv oice.pdf	#755 - WMR FY 22 - 1504 & 1510 SW Hwy Ln Invoice.pdf	Change Order request and invoice for sewer lateral repair.	08/29/2022 04:54 PM EDT
RE_Existing_Meters_That_Leak.msg	Email chain documenting the acceptance of the cost to repair leaks	Existing meter assemblies were found to be leaking. The contractor used meter assembly parts supplied by Water Utilities to repair the leaks.	08/29/2022 05:07 PM EDT

5 attachments

Document	Name	Description	Submission Date
Email_Chain_Approving_New_Service_Lines_To_Replace_Existing_Split_Service_Lines.msg	Email chain documenting the added 3/4" water service line	Additional 3/4" copper service along Yost Ave.	08/28/2022 07:49 AM EDT
5 attachments			

# Doc Express® Document Signing History

Contract: Water Main Replacement FY22 - First Phase (Pipe Bursting) – Lawson / Wiedenmann Inc. Document: Change Order 3

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
11/10/2022	Brice Lawson City of Lee's Summit Electronic Signature (Submitted to Contractor)
11/10/2022	David Grossman Wiedenmann Inc Electronic Signature (Approved by Contractor)
	(Approved by Construction Manager)
	(Approved by Assistant Director of WU)
	(Approved by Director of WU)
	(Approved as to Form, Office of the City Attorney)
	(Approved by City Manager)
	(Attested by the City Clerk)