



# City of Lee's Summit

## Change Order Details

### Water Main Replacement FY22 - First Phase

Description

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.

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.

Prime Contractor

Wiedenmann Inc.  
950 N. Scott  
Belton, MO 64012

Change Order

5

Status

Pending

Date Created

03/14/2023

Type

City Council Approval

Summary

Reason for change order: To change the contract price due to the second revisions to Plan Sheet 9, costs due to extra depth of water mains, added casing pipe removal, costs for lateral potholing, additional sod, additional 12" water line, and added days.

## Change Order Description

1. Public Works staff agreed to the contractor's request to add 15 days to the contract for additional work that was completed but not indicated on the plans. 15 days is being added to the Substantial Completion Time Limit for additional water main lowering, additional water service line installation, additional gate valves, additional driveway pavement, additional sod, additional water meter leak repairs, upsizing of water main pipe, sanitary lateral potholing and sanitary lateral repairs.
2. Public Works staff revised Plan Sheet 9 a second time due to an unknown fire line connection, and the unknown configuration of existing water main and appurtenances. Additional costs were incurred due to additional excavations, additional removals, additional fittings, additional water main restraint measures, additional gate valves, additional water main abandonment, and additional fire line connection. The price includes all costs necessary to complete the work.
3. Public Works staff agreed to the contractor's request to add one additional day to the Substantial Completion Time Limit for the additional work associated with the second revisions to Plan Sheet 9.
4. The existing water main along SE Adobe Dr and SE 6th Ter was found to be deeper than shown on the project plans. The contractor incurred additional costs for additional excavation, backfill, fire hydrant extensions and shoring due to the depth of the existing water main. One day will be added to the Substantial Completion Time Limit for the additional work.
5. Water Utilities staff requested to remove a portion of the existing casing pipe at approx. Sta. 2+78 on NE Chipman Rd in order to inspect the condition of the existing water main. The request required additional excavation, trench shoring, casing pipe removal, water main pipe removal, welding, and water main restraints. The price includes all costs necessary to complete the additional work.
6. Additional sod was placed along 291 and Chipman Rd. These areas were intended to be restored with hydroseed but the hydroseed locations were not specified in the project plans and/or specifications.
7. Additional 12" water line pipe per Pay Item 9 is necessary due to changes in the alignment of the water main and connections to existing water mains on NE Chipman Rd. The horizontal alignment was changed on NE Chipman from approx. Sta. 9+92 to Sta. 7+34.
8. 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 NE Banner Dr. The potholing was done to prevent and verify any sanitary lateral damage due to the bursting operation. The laterals were potholed, exposed and verified at 704, 706, 708, 710, 712 and 714 NE Banner Dr. One day is being added to the the Substantial Completion Time Limit and one day is being added to Milestone 5 for the added work.

|                                  |                |
|----------------------------------|----------------|
| <b>Awarded Project Amount</b>    | \$3,818,177.00 |
| <b>Authorized Project Amount</b> | \$4,129,983.57 |
| <b>Change Order Amount</b>       | \$61,305.99    |
| <b>Revised Project Amount</b>    | \$4,191,289.56 |

Increases/Decreases

| Line Number                                                                                                                                                                                                                                                                                    | Item ID | Unit | Unit Price  | Current      |              | Change      |             | Revised      |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|-------------|--------------|--------------|-------------|-------------|--------------|--------------|
|                                                                                                                                                                                                                                                                                                |         |      |             | Quantity     | Amount       | Quantity    | Amount      | Quantity     | Amount       |
| Section: 1 - Description                                                                                                                                                                                                                                                                       |         |      |             |              |              |             |             |              |              |
| 0009                                                                                                                                                                                                                                                                                           | 9       | LF   | \$280.000   | 470.000      | \$131,600.00 | 80.750      | \$22,610.00 | 550.750      | \$154,210.00 |
| WATER LINE PIPE - 12" PVC                                                                                                                                                                                                                                                                      |         |      |             |              |              |             |             |              |              |
| <b>Reason:</b> The plans called for 42 LF of 12" water line lowering at approx. Sta. 6+92 to 7+34. The alignment of the water main was changed and did not require lowering through this section. The remaining amount is to complete connections to existing water mains along NE Chipman Rd. |         |      |             |              |              |             |             |              |              |
| 0020                                                                                                                                                                                                                                                                                           | 20      | EA   | \$1,700.000 | 20.000       | \$34,000.00  | 2.000       | \$3,400.00  | 22.000       | \$37,400.00  |
| WATER LINE VALVE - 6" GATE                                                                                                                                                                                                                                                                     |         |      |             |              |              |             |             |              |              |
| <b>Reason:</b> One 6" gate valve was added to the fire line at 1251 SW Oldham Pkwy. One 6" gate valve was added near Sta. 3+32 on NW McClendon Dr to allow for the least amount of disruption to the water services during replacement.                                                        |         |      |             |              |              |             |             |              |              |
| 0034                                                                                                                                                                                                                                                                                           | 34      | SY   | \$10.000    | 4,312.000    | \$43,120.00  | 535.400     | \$5,354.00  | 4,847.400    | \$48,474.00  |
| SOD                                                                                                                                                                                                                                                                                            |         |      |             |              |              |             |             |              |              |
| <b>Reason:</b> The additional sod quantity is for sod that was placed along 291 and Chipman Rd. These areas were intended to be restored with hydroseed but the hydroseed locations were not specified in the project plans and/or specifications.                                             |         |      |             |              |              |             |             |              |              |
| 3 items                                                                                                                                                                                                                                                                                        | Totals  |      |             | \$208,720.00 |              | \$31,364.00 |             | \$240,084.00 |              |

New Items

| Line Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Item ID     | Unit | Quantity | Unit Price  | Extension  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|----------|-------------|------------|
| Section: 1 - Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |      |          |             |            |
| 0064-C5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | New Item(s) | LS   | 1.000    | \$9,706.430 | \$9,706.43 |
| New Item: COR 14 - 2nd Revisions to Plan Sheet 9 (McClendon Dr)                                                                                                                                                                                                                                                                                                                                                                                                                               |             |      |          |             |            |
| <b>Reason:</b> Public Works staff revised Plan Sheet 9 a second time due to unknown fire line connections, and unknown configuration of existing water main and appurtenances. Additional costs were incurred due to additional excavations, additional removals, additional fittings, additional water main restraint measures, additional gate valves, additional water main abandonment, and additional fire line connection. The price includes all costs necessary to complete the work. |             |      |          |             |            |
| 0065-C5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | New Item(s) | LS   | 1.000    | \$8,569.620 | \$8,569.62 |
| New Item: COR 21 - SE Adobe Dr and SE 6th Ter - Extra Water Main Depth                                                                                                                                                                                                                                                                                                                                                                                                                        |             |      |          |             |            |
| <b>Reason:</b> The existing water main along SE Adobe Dr and SE 6th Ter was found to be deeper than shown on the project plans. The contractor incurred additional costs for additional excavation, backfill, fire hydrant extensions and shoring due to the depth of the existing water main.                                                                                                                                                                                                |             |      |          |             |            |
| 0066-C5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | New Item(s) | LS   | 1.000    | \$4,565.240 | \$4,565.24 |
| New Item: COR 36 - Additional Work at East End of Chipman Rd Casing                                                                                                                                                                                                                                                                                                                                                                                                                           |             |      |          |             |            |
| <b>Reason:</b> Water Utilities staff requested to remove a portion of the existing casing pipe at approx. Sta. 2+78 on NE Chipman Rd in order to inspect the condition of the existing water main.                                                                                                                                                                                                                                                                                            |             |      |          |             |            |
| 0067-C5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | New Item(s) | LS   | 1.000    | \$7,100.700 | \$7,100.70 |
| New Item: Sanitary Lateral Potholing (NE Banner Dr)                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |      |          |             |            |
| <b>Reason:</b> 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 NE Banner Dr. The potholing was done to prevent and verify any sanitary lateral damage due to the bursting operation. The laterals were potholed, exposed and verified at 704, 706, 708, 710, 712 and 714 NE Banner Dr.                                                                                             |             |      |          |             |            |

| Line Number | Item ID | Unit | Quantity | Unit Price | Extension          |
|-------------|---------|------|----------|------------|--------------------|
| 4 items     |         |      |          |            | Total: \$29,941.99 |

### Time Limit Changes

| Type                                                                                                                                                                                                                                                                                                          | Original Deadline | Current Deadline | Pending Extension | Pending Deadline |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|------------------|
| Calendar Days                                                                                                                                                                                                                                                                                                 | 300.0 Days        | 340.0 Days       | 18.0 Days         | 358.0 Days       |
| Substantial Completion                                                                                                                                                                                                                                                                                        |                   |                  |                   |                  |
| <b>Reason:</b> Fifteen days were added due to additional work the contractor completed that was not indicated on the plans, one additional day for additional work associated with COR 14, one additional day for additional work associated with COR 21, one day for additional work associated with COR 44. |                   |                  |                   |                  |
| Calendar Days                                                                                                                                                                                                                                                                                                 | 180.0 Days        | 180.0 Days       | 1.0 Day           | 181.0 Days       |
| Milestone5 All work shall be completed along M-291, NE Ridgeview Drive, NE Chipman Road, and NE Banner Drive as shown in the plans within 180 calendar days of the date work commences within the area. The plans pertaining to this Milestone are 3, and 20-27                                               |                   |                  |                   |                  |
| <b>Reason:</b> For the sanitary lateral potholing work that was added along NE Banner Dr.                                                                                                                                                                                                                     |                   |                  |                   |                  |
| 2 time limits                                                                                                                                                                                                                                                                                                 |                   |                  |                   |                  |

### Attachments

| Document                                    | Name                                       | Description                                                                                            | Submission Date               |
|---------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------|
| 755_COR_36_-_Revised__2_.pdf                | 755 COR 36 - Revised (2).pdf               | Contractor's change order request for the added work at the casing pipe at Sta. 2+78 on NE Chipman Rd. | 04/14/2023<br>11:06 AM<br>EDT |
| 755_-_COR_44_-_Banner_Potholin<br>g_T_M.pdf | 755 - COR 44 - Banner Potholing<br>T&M.pdf | Contractor's change order request for sanitary lateral potholing along NE Banne<br>r Dr.               | 04/14/2023<br>04:49 PM        |
| 7 attachments                               |                                            |                                                                                                        |                               |

| Document                                                         | Name                                                                | Description                                                                                                                                                | Submission Date         |
|------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
|                                                                  |                                                                     |                                                                                                                                                            | EDT                     |
| 755_REVISIED_COR_14_-_Revised_Sheet_9__2_.pdf                    | 755 REVISIED COR 14 - Revised Sheet 9 (2).pdf                       | Contractor's change order request for the work associated with the revisions to plan sheet 9 including an additional day to be added to the contract time. | 03/14/2023 12:27 PM EDT |
| COR_21__Revised_4_.pdf                                           | COR 21 (Revised 4).pdf                                              | Contractor's change order request for the additional work due to the extra water main depth along SE Adobe Dr and SE 6th Ter.                              | 03/20/2023 11:53 AM EDT |
| RE__Change_Order_4_-_Water_Main_Replacement_FY22_-_1.msg         | Email Chain - Contractor's Request for 15 Additional Days           |                                                                                                                                                            | 03/14/2023 11:50 AM EDT |
| Plan_Sheet_9_-_Revision_2.pdf                                    | Plan Sheet 9 - Revision 2.pdf                                       | Revisions associated with item 2 of this change order.                                                                                                     | 03/14/2023 12:27 PM EDT |
| Wiedenmann_Inc_-_Request_for_Additional_Days_Documented_Work.pdf | Wiedenmann Inc - Request for 15 Additional Days Documented Work.pdf | The document includes descriptions of the work the contractor completed to support the request for the added days.                                         | 03/14/2023 11:51 AM EDT |
| 7 attachments                                                    |                                                                     |                                                                                                                                                            |                         |