



City of Waukesha
 Department of Public Works
 130 Delafield Street
 Waukesha, WI 53188
 Waukesha-wi.gov

Contract Change Order

Form C107
 (Rev 01/18)

Project: Northview Road Phase 2 & Meadowview Park Improvements-Concrete

Date: 1/23/20

Contract Number: 4094

Branch: Engineering Department.

Change Order Number: 3

Contractor: Super Western, Inc.

Amount of original contract \$2,705,754.95

Amount of Contract prior this Change Order \$2,779,515.25

Description of change:

During the contract work on the project, extremely poor subgrade materials were encountered and required excavation during the final roadway grading work. This additional excavation and aggregate was necessary to create a roadway base that will properly support the new roadway.

Additional Aggregate Material Items:

1. Increase of quantity for Bid Item #27 – Crushed Aggregate Base Course, 1-1/4"
 Description: Additional base course material was placed in conjunction with the increased locations of poor subgrade materials within the roadway, and in locations of poor subgrade encountered along isolated sections of sidewalk.
 2,065 TON @ \$16.00/TON \$ 33,040.00

2. Increase of quantity for Bid Item #28– Crushed Aggregate Base Course, Gradation No. 5 (Breaker Run, Includes EBS)
 Description: Additional areas of poor subgrade soils were excavated and replaced with the breaker run material to provide an appropriate foundation for the new pavement structure.
 3,398.4 TON @ \$21.00/TON \$ 71,366.40
 Subtotal \$ 104,406.40

Additional storm sewer work was also completed in three locations along the project where unexpected existing conditions forced the adjustment of the project's storm sewer design.

Additional Storm Sewer Items:

1. Extra No. 9 Adjustment of 24"x38" and 18" End Sections
 Description: An adjustment was required of the 24"x38" and 18" culvert connections near Meadowview Park to accommodate the proposed ditch line alignment, profile and culvert connection from the bio-filtration basins within Meadowview Park.
 Lump Sum \$ 2,219.92

2. Extra No. 10 6-Inch Roadway Underdrain

Description: In conjunction with the poor subgrade soils that were encountered, in the Pebble Creek area, a large volume of groundwater was encountered during excavation for the new roadway foundation. In order to control this water, and prevent oversaturation of the roadway base layers, 6-Inch underdrain was installed to convey this water to the new storm sewer system and then ultimately to Pebble Creek.

Lump Sum \$ 5,059.01

3. Extra No. 11 Adjustment of CB5

Description: Storm sewer structure CB5 required adjustment to accommodate a City requested change to the type of inlet structure.

Lump Sum \$ 1,265.00

Subtotal \$ 8,543.93

Additional roadway work was performed when curb and gutter was added along the north side of Northview Rd. in the location of the Homestead Condos. Due to the steep grade adjacent to the roadway, as a safety precaution vertical face curb and gutter was added to protect vehicles from leaving the roadway and having to traverse a steep grade. The curb and gutter was a cost effective option compared to other roadside vehicle barrier systems.

Additional Roadway Items:

1. Increase of quantity for Bid Item #58 – 30" Type A Concrete Curb & Gutter

Description: Addition of concrete curb and gutter along the Homestead Condos.

806 LF @ \$16.00/LF \$ 12,896.00

Subtotal \$ 12,896.00

Due to the multiple utility conflicts and additional utility contractors located within the project limits, additional work was completed as a direct result of the 3rd party utilities. Additional work was performed for regrading of areas after utility contractors disturbed areas due to their additional relocation work, multiple mobilizations of crews and equipment to work around utility conflicts and contractors, and additional undercutting and slurry backfill was completed in areas of the roadway subgrade that had failed due to additional 3rd party utility work. All of the additional work costs that were directly related to utility impacts were invoiced to the responsible utility company.

Additional Shared Items Related to 3rd Party Utility Work/Conflicts:

1. Extra No. 12 Additional Costs Due to Utility Conflicts

Description: Additional work relating to 3rd party utility conflicts and contractors working with the project limits.

Lump Sum \$ 22,608.80

Subtotal \$ 22,608.80

**Cost invoiced to 3rd party utilities*

During the project within the Meadowview Park site, it was discovered that multiple contract bid items were either not used or only required a reduced quantity. This provided an overall cost savings to the Meadowview Park aspect of the project, and due to this, it was requested by Park/Rec to add paving the path system in HMA pavement as part of this phase of the Meadowview Park Development.

Reduced/Additional Meadowview Park Items:

1. Credit for reduced quantities completed (Various Items).....(\$ 47,514.68)
2. Extra No. 13 HMA Pavement 4 LT 58-28 S (Meadowview Paths)
 Description: 4-Inch HMA Pavement was placed along the proposed pathways
 within Meadowview Park.
 841.14 TON @ \$86.21/TON \$ 72,514.68
 Subtotal \$ 25,000.00

Contract Completion Date Extension:

- Additional contract days due to 3rd party utility delays, last season cold weather, and additional roadway excavation: 31 calendar days.
- New Interim Completed Date for the Northview Road portion of the project: August 3, 2019.
- New Substantial Completion Date for entire project work: August 10, 2019
- Project Final Completion Date (Included 3-year maintenance of Meadowview Park restoration work): August 10, 2022.

Project Penalties:

Even with the unexpected items encountered, and the previously mentioned contract extension, the work within the contract failed to meet the definition of Substantial Completion prior to August 10, 2019. Included within the Contract is a penalty of \$1,000/Day for engineering and inspection services.

1. Extra No. 8 Contract Penalties, Engineering and Inspection Services
 Description: The work within the Contract was Substantially Complete 32 days
 after the proposed extended Substantial Completion Date of August
 10, 2019.
 32 Days @ \$1,000/DAY (-\$ 32,000.00)
**Credit applied to Road Account*

Total Amount of this Change Order \$ 141,455.13

Net Contract Amount after this Change Order \$2,920,970.48

City of Waukesha
Director of Public Works

Date

Contractor Date
Super Western, Inc.

1/23/20