

Contract Change Order # 3

Project Name: Aspen & Kenosha Street Improvements Project Number: ST1203
 Project Location: Aspen from 71st to 91st Date of Application: Tuesday, April 4, 2017
 Contractor: Ellsworth Construction, LLC Submitted By: Nathan Ellsworth

Summary of Change in Scope of Work

The following scope of work consisting of work location, work description, established quantities, and timeline for completion has been reviewed and agreed upon by the contractor, the origin funding department, and the Engineering and Construction Department.

Change of Work Items Included in this Change Order:

Per contract documents, the ODOT asphalt binder adjustment is applicable to this project. The below summerized costs are to be applied to 1) the project final contract documents. The summary of the binder adjustments are attached within this document and prepared by the project Contract Administrator and agreed upon by the Contractor.

Reconciling Changes: Due to site conditions varying from design parameters, field adjustments of the plan quantites by the city contract administrator was authorized. These changes in quantities are summerized on the attached "Project Final Quantites Report". The listed 2) change order cost is to adjust the original contract value to the reflected installed contract value. Also note that the Add Alternate II underruns were applied by Revision #1 accompanied by WCD #1 previously processed on this project.

Change in Contractual Project Time:

1) No change in project time has been assesed for this item

Plan Sheets or Additional Documents Attached: Yes No Other: Final Quantities Report

Work Order Quantities

| Item# | (Spec) | Item Description | Units | Price | Quantity | Total Amount |
|---------------------------|--------|--------------------------------|-------|-----------------|----------|------------------------|
| CO3-1 | - | ODOT Asphalt Binder Adjustment | LS | \$ (4,987.46) | 1 | \$ (4,987.46) |
| CO3-2 | - | Reconcile Quantities | LS | \$ (289,464.36) | 1 | \$ (289,464.36) |
| Total Change Cost: | | | | | | \$ (294,451.82) |

Summary of Project Costs

| | | | |
|-------------------------------|-----------------|-----------------------------------|-----------------|
| Total Previous Change Orders: | \$ 21,653.25 | Original Contract Amount: | \$ 1,598,580.20 |
| Current Change Order: | \$ (294,451.82) | Amended Contract Amount: | \$ 1,325,781.63 |
| Total Cost of Change Orders: | \$ (272,798.57) | Percent Change in Contract: | -17.10% |
| Total Cost Applicable to CBA: | \$ 23,887.00 | Percent Change Applicable to CBA: | 1.49% |

Change Order Authorization

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|--|
| Change Order # <u>3</u> in the sum of: \$ <u>(294,451.82)</u> has been reviewed by all parties and is recommended for approval by: |
| Contractor Submitting Change Order: |
| Name: _____ Signature: _____ Date: _____ |
| Construction Division Manager: |
| Name: <u>Timothy S Robins, PE</u> Signature: _____ Date: _____ |
| Director of Engineering & Construction: |
| Name: <u>Alex Mills, PE</u> Signature: _____ Date: _____ |
| Assistant City Manager - Operations: |
| Name: <u>Kenneth D Schwab, PE</u> Signature: _____ Date: _____ |
| City Manager: |
| Name: <u>Michael Spurgeon</u> Signature: _____ Date: _____ |

This Change is Executed Through:

- This change to the contract documents is authorized by the City Manager's authority in accordance with the applicable state statutes and COBA Code of Ordinances.
 or
 This change to the contract documents was approved at the City Council/BAMA meeting held on : Tuesday, April 18, 2017

(TYPE (B) (S-4) ASPHALT)

| Contract # | Description/Location | Date Bid | ODOT Bid Asph Index | ODOT Current Asph Index | Asph Type | Current Month | Quantity This Month | Value From Table F | Allowable Price Differential | Cost Adjustment |
|------------|----------------------|----------|------------------------|-------------------------------|-----------|------------------|------------------------|-----------------------|---------------------------------|--------------------|
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 7/22/16 | 654.53 | 0.048 | \$ (0.70) | -21.99 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 7/23/16 | 622.36 | 0.048 | \$ (0.70) | -20.91 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 8/3/16 | 658.39 | 0.048 | \$ (0.70) | -22.12 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 8/4/16 | 731.25 | 0.048 | \$ (0.70) | -24.57 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 8/10/16 | 693.24 | 0.048 | \$ (0.70) | -23.29 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 9/12/16 | 124.36 | 0.048 | \$ (0.70) | -4.18 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 9/13/16 | 286.01 | 0.048 | \$ (0.70) | -9.61 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 9/14/16 | 588.86 | 0.048 | \$ (0.70) | -19.79 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 9/15/16 | 193.64 | 0.048 | \$ (0.70) | -6.51 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 9/22/16 | 20.48 | 0.048 | \$ (0.70) | -0.69 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 9/23/16 | 88.15 | 0.048 | \$ (0.70) | -2.96 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 9/23/16 | 177.90 | 0.048 | \$ (0.70) | -5.98 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 9/26/16 | 396.59 | 0.048 | \$ (0.70) | -13.33 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 9/29/16 | 71.90 | 0.048 | \$ (0.70) | -2.42 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 300.00 | (B) (S-4) | 9/30/16 | 433.73 | 0.048 | \$ (0.70) | -14.57 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 280.00 | (B) (S-4) | 10/12/16 | 18.17 | 0.048 | \$ (20.70) | -18.05 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 280.00 | (B) (S-4) | 10/12/16 | 111.36 | 0.048 | \$ (20.70) | -110.65 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 280.00 | (B) (S-4) | 10/18/16 | 250.00 | 0.048 | \$ (20.70) | -248.40 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 280.00 | (B) (S-4) | 11/3/16 | 742.43 | 0.048 | \$ (20.70) | -737.68 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 280.00 | (B) (S-4) | 11/4/16 | 711.52 | 0.048 | \$ (20.70) | -706.97 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 280.00 | (B) (S-4) | 11/14/16 | 1104.87 | 0.048 | \$ (20.70) | -1,097.80 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 280.00 | (B) (S-4) | 11/15/16 | 1000.23 | 0.048 | \$ (20.70) | -993.83 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ 280.00 | (B) (S-4) | 11/19/16 | 886.85 | 0.048 | \$ (20.70) | -881.17 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ - | (B) (S-4) | | 0.00 | 0.048 | \$ (300.70) | 0.00 |
| ST1203 | Aspen to Kenosha | Apr-16 | \$ 310.00 | \$ - | (B) (S-4) | | 0.00 | 0.048 | \$ (300.70) | 0.00 |

NET TOTAL **-4,987.46**

Note, You must input information in the white column cells only.

Adjustments not allowed when P Current is between

\$ 300.70 **\$ 319.30**

| | | Table F | | Total Adjustment | |
|------------------|--|---------|-------|---------------------------------------|--|
| | | S-2 | 0.037 | To Date, Total S-4 Asphalt (Tons) | |
| Type (A) / (S-3) | | S-3 | 0.042 | | |
| Type (B) / (S-4) | | S-4 | 0.048 | \$10,566.82 | |
| | | S-5 | 0.053 | | |
| | | S-6 | 0.058 | | |
| | | | | S-4 Asphalt tonnage in Contract | |
| | | OGB | 0.025 | \$10,172.00 | |
| | | | | Remaining Asphalt tonnage in Contract | |
| | | | | (\$394.82) | |

Project Name: Aspen/Kenosha Street Improvements
 Project Location: Aspen between 71st and 91st
 Prime Contractor: Ellsworth Construction, LLC
 Contract Administrator: Joe Vardasco

Project Number: ST1203
 Contract Number: ST1203
 Purchase Order: 093404

Project Final Quantities Report

| | | | |
|---|------------------|--|---|
| Date of Notice to Proceed: | <u>7/19/2016</u> | Date of Substantial Completion: | <u>12/18/2016</u> |
| Original Contract Time: | <u>160 Days</u> | Time Added by CO: | <u>0 Days</u> |
| | | Contract Time Used: | <u>160 Days</u> |
| <input checked="" type="checkbox"/> No Liquidated Damages were assessed <input type="checkbox"/> Liquidated Damages were applied (as noted in the Certificate of Substantial Completion) | | | |
| Change Orders | | | |
| CO No.: | Add Cost | Deduct Cost | Item Name/Description of Completion or Correction |
| CO1-1 | \$17,653.25 | | E-Tac Emulsions, Additional Traffic Control, Messege Boards |
| CO2-1 | \$4,000.00 | | Pipe Bollards at Detroit & Aspen Traffic Control Box |
| CO3-1 | | \$4,987.46 | Asphalt Binder Adjustment |
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Final Contract Values

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|--|------------------------------|
| Original Contract Value | <u>\$1,598,580.20</u> |
| Total Value of Change Orders | <u>\$16,665.79</u> |
| Total Overrun/Underrun Value | <u>\$289,464.36</u> |
| Total Liquidated Damages Applied | <u>\$0.00</u> |
| Total Adjusted Final Contract Value | <u>\$1,325,781.63</u> |
| Total Variance from Original | <u>\$272,798.57</u> |

| | | | |
|--|---------------------------|---|------------------------|
| Construction Manager Recommendation | | Engineering & Construction Director Approval | |
| Name | <u>Timothy Robins, PE</u> | Name | <u>Alex Mills, PE.</u> |
| Signature | _____ | Signature | _____ |
| Date | _____ | Date | _____ |

Project Final Quantities Report Cont. - Final Bid Tab

Project Name: Aspen/Kenosha Street Improvements Project Number: ST1203

| Item No. | Bid Item Description | Units | Unit Price | Bid Item Qty. | Qty. Work Installed | Value of Work Installed |
|--------------------------------|---------------------------------------|-------|-------------|---------------|---------------------|-------------------------|
| 1 | Select Borrow | CY | \$101.00 | 3 | 3 | \$ 303.00 |
| 2 | Temporary Sediment Filter | EA | \$100.00 | 9 | 0 | \$ - |
| 3 | Solid Slab Sodding | SY | \$4.00 | 61 | 444.44 | \$ 1,777.76 |
| 4 | Aggregate Base Type "A" | CY | \$35.00 | 25 | 25 | \$ 875.00 |
| 5 | Tack Coat | GAL | \$3.00 | 8004 | 8004 | \$ 24,012.00 |
| 6 | Superpave, Type S4 (PG 70-28 OK) | TON | \$66.00 | 6321 | 7110.73 | \$ 469,308.18 |
| 7 | Full Width Cold Mill Pavement | SY | \$3.00 | 53360 | 59015.61 | \$ 177,046.83 |
| 8 | 2'-2" Combined 6" Barrier Curb and | LF | \$21.00 | 239 | 284 | \$ 5,964.00 |
| 9 | Type "A" Handicap Ramp | EA | \$808.00 | 8 | 8 | \$ 6,464.00 |
| 10 | Type "A" Modified Handicap Ramp | EA | \$866.00 | 41 | 41 | \$ 35,506.00 |
| 11 | Type "B" Handicap Ramp | EA | \$900.00 | 8 | 8 | \$ 7,200.00 |
| 12 | 5' Concrete Sidewalk | SY | \$34.00 | 491 | 426.44 | \$ 14,498.96 |
| 13 | Tactile Warning Devices (Surface M | EA | \$187.00 | 18 | 18 | \$ 3,366.00 |
| 14 | Adjust Manhole to Grade | EA | \$500.00 | 3 | 1 | \$ 500.00 |
| 15 | Adjust Water Valve to Grade | EA | \$165.00 | 6 | 8 | \$ 1,320.00 |
| 16 | Removal of 2'-2" Combined Curb an | LF | \$8.00 | 85 | 284 | \$ 2,272.00 |
| 17 | Removal of Sidewalk and Handicap | SY | \$4.00 | 393 | 426.44 | \$ 1,705.76 |
| 18 | Mobilization | LS | \$18,450.00 | 1 | 1 | \$ 18,450.00 |
| 19 | Adjust Traffic Pull Box to Grade | EA | \$860.00 | 3 | 3 | \$ 2,580.00 |
| 20 | Vehicle Loop Detection System (Vic | LS | \$29,663.00 | 1 | 1 | \$ 29,663.00 |
| 21 | Pedestrian Push Button | EA | \$4,153.00 | 14 | 13 | \$ 53,989.00 |
| 22 | Remove and Reset Existing Delineat | EA | \$75.00 | 2 | 2 | \$ 150.00 |
| 23 | Traffic Stripe (Plastic) (4" wide) | LF | \$0.55 | 35067 | 35067 | \$ 19,286.85 |
| 24 | Traffic Stripe (Plastic) (Arrows) | EA | \$67.65 | 73 | 73 | \$ 4,938.45 |
| 25 | Traffic Stripe (Plastic) (Symbol) (R) | EA | \$441.50 | 4 | 4 | \$ 1,766.00 |
| 26 | Construction Traffic Control | LS | \$9,330.00 | 1 | 1 | \$ 9,330.00 |
| 27 | Asphalt Street Patch | SY | \$63.00 | 1634 | 275.22 | \$ 17,338.86 |
| 28 | Signal Control Cabinet and Equipme | LS | \$28,475.00 | 1 | 1 | \$ 28,475.00 |
| Alternate II | | | | | | |
| 1 | Select Borrow | CY | \$101.00 | 7 | 0 | \$ - |
| 2 | Temporary Sediment Filter | EA | \$100.00 | 5 | 0 | \$ - |
| 3 | Solid Slab Sodding | SY | \$4.00 | 76 | 0 | \$ - |
| 4 | Aggregate Base Type "A" | CY | \$35.00 | 25 | 0 | \$ - |
| 5 | Tack Coat | GAL | \$3.00 | 6763 | 4877 | \$ 14,631.00 |
| 6 | Superpave, Type S4 (PG 70-28 OK) | TON | \$66.00 | 5341 | 3456.09 | \$ 228,101.94 |
| 7 | Full Width Cold Mill Pavement | SY | \$3.00 | 45086 | 32507 | \$ 97,521.00 |
| 8 | 2'-2" Combined 6" Barrier Curb and | LF | \$21.00 | 265 | 0 | \$ - |
| 9 | Type "A" Handicap Ramp | EA | \$808.00 | 14 | 0 | \$ - |
| 10 | Type "A" Modified Handicap Ramp | EA | \$866.00 | 11 | 0 | \$ - |
| 11 | Type "B" Handicap Ramp | EA | \$900.00 | 2 | 0 | \$ - |
| 12 | 5' Concrete Sidewalk | SY | \$34.00 | 692 | 0 | \$ - |
| 13 | Tactile Warning Devices (Surface M | EA | \$187.00 | 28 | 0 | \$ - |
| 14 | Adjust Manhole to Grade | EA | \$500.00 | 5 | 0 | \$ - |
| 15 | Adjust Water Valve to Grade | EA | \$165.00 | 6 | 0 | \$ - |
| 16 | Removal of Sidewalk and Handicap | SY | \$4.00 | 692 | 0 | \$ - |
| 17 | Mobilization | LS | \$6,500.00 | 1 | 1 | \$ 6,500.00 |
| 18 | Pedestrian Push Button | EA | \$4,390.00 | 2 | 0 | \$ - |
| 19 | Pedestrian Signal Head S-20 | EA | \$1,010.00 | 2 | 0 | \$ - |
| 20 | Traffic Stripe (Plastic) (4" wide) | LF | \$0.55 | 24812 | 25929 | \$ 14,260.95 |
| 21 | Traffic Stripe (Plastic) (Arrows) | EA | \$67.65 | 62 | 62 | \$ 4,194.30 |
| 22 | Construction Traffic Control | LS | \$5,820.00 | 1 | 1 | \$ 5,820.00 |
| 23 | Asphalt Street Patch | SY | \$25,641.00 | | 0 | \$ - |
| Total Final Contract Value: \$ | | | | | | 1,309,115.84 |