

CITY OF KIRTLAND

RESOLUTION NUMBER 22-R-11

A RESOLUTION AUTHORIZING A CHANGE ORDER WITH SPECIALIZED CONSTRUCTION, INC. FOR THE 2021 PAVEMENT REHABILITATION PROJECT TO REDUCE THE ADJUSTED CONTRACT AMOUNT TO \$1,644,452.23, AND DECLARING AN EMERGENCY.

WHEREAS, this Council has previously passed Resolution 21-R-38 which accepted the bid of Specialized Construction, Inc. for its work on the 2021 Pavement Rehabilitation Project for an amount not to exceed \$1,880,079.95; and

WHEREAS, the project is nearly complete and a change order has been submitted that reduces the contract amount by \$235,627.72 and provides a total adjusted contract amount of \$1,644,452.23.

IT IS HEREBY RESOLVED by the Council of the City of Kirtland, County of Lake and State of Ohio, that:

SECTION I: The City Engineer and Mayor are hereby authorized to sign Change Order No. 1, which is attached hereto and incorporated herein as Exhibit A, with Specialized Construction, Inc. for its work on the 2021 Pavement Rehabilitation Project for the reduced amount of \$1,644,452.23.

SECTION II: The Mayor or his designee is hereby authorized and directed to enter into a contract or execute any purchase orders in the furtherance of this Resolution.

SECTION III: The Director of Finance is authorized and instructed to issue such vouchers and expend all funds necessary in the furtherance of this Resolution. Said payments shall be made from the Street Improvement Fund. However, any expenditures beyond the adjusted contract amount of \$1,644,452.23 for the line items bid shall be subject to further authorization by this Council.

SECTION IV:

(a) It is found and determined that all formal actions of this Council concerning and relating to the passage of this resolution were passed in an open meeting of this Council, and that all deliberations of this Council and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

(b) This resolution is declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the City, and for the further reason that it is necessary to maintain the streets and roads of the City; wherefore, this resolution shall be in full force and effect immediately upon its passage by the affirmative vote of five (5) members of Council and approval by the Mayor, otherwise this resolution shall be in effect from and after its adoption at the earliest period allowed by law.

First Reading: _____
Second Reading: _____
Third Reading: _____

DATE PASSED: _____

President of Council

Submitted to the Mayor for his
Approval on this _____ day of
_____, 2022.

ATTEST:

Approved by the Mayor, this _____ day
of _____, 2022.

Clerk of Council
2021 Pavement Rehab. Change Order No. 1

Mayor Kevin F. Potter



THE C.W. COURTNEY COMPANY

700 Beta Drive, Suite 200
Mayfield Village, OH 44143

www.cwcourtney.com

L.G. Courtney, PE, PS

C.L. Courtney, PE, PS, GPSWQ, CPESC

D.G. Courtney, PE

**CHANGE ORDER No. 1 - FINAL ADJUSTING CHANGE ORDER
2021 pavement Rehabilitation Project (Project 2021001)
The City of Kirtland
January 21, 2022**

This Change Order represents the finalization of all line item quantities and additional work. The attached worksheet shows any and all final quantity additions and/or deductions deemed necessary, approved and authorized by the City of Chardon to properly complete the project

This Change Order results in the following adjustments to the contract prices and/or contract completion time

| | |
|---|-----------------------|
| Original contract amount | \$1,880,079.95 |
| Net cost change resulting from prior change orders | \$0.00 |
| Net cost change resulting from this change order | (\$235,627.72) |
| Adjusted contract amount | \$1,644,452.23 |
| Original estimate of additional services | \$26,100.00 |
| Additional services adjustment resulting from prior change orders | \$0.00 |
| Additional services adjustment resulting from this change order | \$0.00 |
| Adjusted estimate of additional services | \$26,100.00 |
| Original contract completion date | 10/20/2021 |
| Additional contract completion time resulting from prior change orders (days) | 0.00 |
| Additional contract completion time resulting from this change orders (days) | 192.00 |
| Adjusted contract completion date | 4/30/2022 |

The terms of this Change Order shall not affect any of the terms of the contract, except as expressly stated herein. Further, the Contractor agrees that the consideration for the Field Change as contained herein represents the full amount to which the Contractor is entitled and that no additional time, beyond that granted above, is necessary to complete the contract.

APPROVALS

The C.W. Courtney Company

The City of Kirtland

2022.01.21 15:37:29
-05'00'

Douglas Courtney, PE Date
City Engineer

Kevin F. Potter Date
Mayor

Specialized Construction, Inc.

Date
James Alex General Manager
Print name & title

Original Contract Amount: \$1,880,079.95

| Ref. | ODOT Item # | Item Description | CONTRACT VALUES | | | WORK COMPLETED | | | BALANCE OVER / (UNDER) | | | | |
|--|-------------|--|--------------------|------------|-----------------|-----------------------|------------------|------------|------------------------|--------------|-----------|-----|-----------------------|
| | | | Estimated Quantity | Unit Price | Scheduled Value | Quantity Completed | Amount Completed | % Complete | Quantity | Cost | | | |
| SECTION I - PAVEMENT REPAIR, RECYCLING & RESURFACING | | | | | | | | | | | | | |
| 1 | 253 | Full Depth Pavement Repair, T=12", As Directed | 4180.00 | SY | \$29.00 | \$121,220.00 | 1035.00 | SY | \$30,015.00 | 24.8% | (3145.00) | SY | (\$91,205.00) |
| 2 | 204 | Repair of Poor Subgrade, As Directed | 395.00 | CY | \$18.00 | \$7,110.00 | 0.00 | CY | \$0.00 | 0.0% | (395.00) | CY | (\$7,110.00) |
| 3 | 254 | Pavement Planing, Butt Joints (Aprons & Intersections) | 1305.00 | SY | \$5.00 | \$6,525.00 | 2089.00 | SY | \$10,445.00 | 160.1% | 784.00 | SY | \$3,920.00 |
| 4 | Spec | Single Pass Pavement Recycling, T=5" | 48340.00 | SY | \$9.25 | \$447,145.00 | 44957.00 | SY | \$415,852.25 | 93.0% | (3383.00) | SY | (\$31,292.75) |
| 5 | Spec | Asphalt Pavement Recycling Agent, 2 Gal/SY | 96680.00 | GAL | \$3.25 | \$314,210.00 | 92479.74 | GAL | \$300,559.16 | 95.7% | (4200.26) | GAL | (\$13,650.84) |
| 6 | 703 | Supplemental Aggregate, #57 Limestone, 30lb/SY | 725.00 | TON | \$75.00 | \$54,375.00 | 834.78 | TON | \$62,608.50 | 115.1% | 109.78 | TON | \$8,233.50 |
| 7 | 204 | Proof Roll | 7.00 | HR | \$100.00 | \$700.00 | 4.00 | HR | \$400.00 | 57.1% | (3.00) | HR | (\$300.00) |
| 8 | 422 | Double Chip Seal with Mastic Surface Seal | 17180.00 | sy | \$5.55 | \$95,349.00 | 15289.00 | sy | \$84,853.95 | 89.0% | (1891.00) | sy | (\$10,495.05) |
| 9 | 441 | 1" Asphalt Concrete Intermediate Course, Type 1 (448) | 1730.00 | TON | \$88.00 | \$152,240.00 | 1911.08 | TON | \$168,175.04 | 110.5% | 181.06 | TON | \$15,935.04 |
| 10 | 441 | 1-1/2" Asphalt Concrete Surface Course, Type 1 (448) | 2600.00 | TON | \$88.00 | \$228,800.00 | 2853.79 | TON | \$251,133.52 | 109.8% | 253.79 | TON | \$22,333.52 |
| 11 | 605 | Aggregate Drain | 1300.00 | LF | \$15.00 | \$19,500.00 | 550.00 | LF | \$8,250.00 | 42.3% | (750.00) | LF | (\$11,250.00) |
| 12 | 617 | Shoulder Preparation, Grading & Berming, RAP | 5820.00 | SY | \$7.50 | \$43,650.00 | 5064.00 | SY | \$37,980.00 | 87.0% | (756.00) | SY | (\$5,670.00) |
| 13 | 408 | Prime Coat for Shoulder Berming (0.5 Gal/SY) | 2910.00 | GAL | \$2.50 | \$7,275.00 | 2910.00 | GAL | \$7,275.00 | 100.0% | 0.00 | GAL | \$0.00 |
| 14 | SPEC | Wfco Reclaimite (or equal) @ 0.08 Gal/ Sq Yd | 31160.00 | SY | \$0.95 | \$29,602.00 | 31476.00 | SY | \$29,902.20 | 101.0% | 316.00 | SY | \$300.20 |
| 15 | 642 | Double Solid Centerline, Yellow | 2.44 | MI | \$1,000.00 | \$2,440.00 | 8.52 | MI | \$8,520.00 | 349.2% | 6.08 | MI | \$6,080.00 |
| 16 | 642 | Edge Line, 4", White | 5.33 | MI | \$500.00 | \$2,665.00 | 8.92 | MI | \$4,460.00 | 167.4% | 3.59 | MI | \$1,795.00 |
| 17 | 642 | Stop Line | 60.00 | LF | \$3.95 | \$237.00 | 131.00 | LF | \$517.45 | 218.3% | 71.00 | LF | \$280.45 |
| 18 | 614 | Maintaining Traffic | 1.00 | LS | \$29,900.00 | \$29,900.00 | 1.00 | LS | \$29,900.00 | 100.0% | 0.00 | LS | \$0.00 |
| 19 | 624 | Mobilization | 1.00 | LS | \$31,000.00 | \$31,000.00 | 1.00 | LS | \$31,000.00 | 100.0% | 0.00 | LS | \$0.00 |
| Section I Totals: | | | | | | \$1,593,943.00 | | | \$1,481,847.07 | 93.0% | | | (\$112,095.93) |
| SECTION IA - CONTINGENCY ITEMS FOR SECTION I, TO BE USED ONLY AS DIRECTED BY THE ENGINEER | | | | | | | | | | | | | |
| 21 | 253 | Full Depth Pavement Repair, T=12", As Directed | 400.00 | SY | \$29.00 | \$11,600.00 | 0.00 | SY | \$0.00 | 0.0% | (400.00) | SY | (\$11,600.00) |
| 22 | 204 | Repair of Poor Subgrade, As Directed | 35.00 | CY | \$18.00 | \$630.00 | 0.00 | CY | \$0.00 | 0.0% | (35.00) | CY | (\$630.00) |
| 23 | 254 | Pavement Planing, Butt Joints (Aprons & Intersections) | 50.00 | SY | \$3.00 | \$150.00 | 0.00 | SY | \$0.00 | 0.0% | (50.00) | SY | (\$150.00) |
| 24 | Spec | Single Pass Pavement Recycling, T=5" | 4750.00 | SY | \$7.75 | \$36,812.50 | 0.00 | SY | \$0.00 | 0.0% | (4750.00) | SY | (\$36,812.50) |
| 25 | Spec | Asphalt Pavement Recycling Agent, 2 Gal/SY | 9500.00 | GAL | \$2.35 | \$22,325.00 | 0.00 | GAL | \$0.00 | 0.0% | (9500.00) | GAL | (\$22,325.00) |
| 26 | 703 | Supplemental Aggregate, #57 Limestone, 30lb/SY | 70.00 | TON | \$50.00 | \$3,500.00 | 0.00 | TON | \$0.00 | 0.0% | (70.00) | TON | (\$3,500.00) |
| 27 | 204 | Proof Roll | 1.00 | HR | \$70.00 | \$70.00 | 0.00 | HR | \$0.00 | 0.0% | (1.00) | HR | (\$70.00) |
| 28 | 422 | Double Chip Seal with Mastic Surface Seal | 1700.00 | SY | \$4.55 | \$7,735.00 | 0.00 | SY | \$0.00 | 0.0% | (1700.00) | SY | (\$7,735.00) |
| 29 | 441 | 1" Asphalt Concrete Intermediate Course, Type 1 (448) | 170.00 | TON | \$70.00 | \$11,900.00 | 0.00 | TON | \$0.00 | 0.0% | (170.00) | TON | (\$11,900.00) |
| 30 | 441 | 1-1/2" Asphalt Concrete Surface Course, Type 1 (448) | 250.00 | TON | \$70.00 | \$17,500.00 | 0.00 | TON | \$0.00 | 0.0% | (250.00) | TON | (\$17,500.00) |
| 31 | 605 | Aggregate Drain | 300.00 | LF | \$10.00 | \$3,000.00 | 0.00 | LF | \$0.00 | 0.0% | (300.00) | LF | (\$3,000.00) |
| 32 | 617 | Shoulder Preparation, Grading & Berming, RAP | 550.00 | SY | \$4.50 | \$2,475.00 | 0.00 | SY | \$0.00 | 0.0% | (550.00) | SY | (\$2,475.00) |
| 33 | 408 | Prime Coat for Shoulder Berming (0.5 Gal/SY) | 275.00 | GAL | \$2.50 | \$687.50 | 0.00 | GAL | \$0.00 | 0.0% | (275.00) | GAL | (\$687.50) |
| 34 | SPEC | Wfco Reclaimite (or equal) @ 0.08 Gal/ Sq Yd | 3000.00 | SY | \$0.95 | \$2,850.00 | 0.00 | SY | \$0.00 | 0.0% | (3000.00) | SY | (\$2,850.00) |
| 35 | 642 | Double Solid Centerline, Yellow | 0.10 | MI | \$1,000.00 | \$100.00 | 0.00 | MI | \$0.00 | 0.0% | (0.10) | MI | (\$100.00) |
| 36 | 642 | Edge Line, 4", White | 0.20 | MI | \$500.00 | \$100.00 | 0.00 | MI | \$0.00 | 0.0% | (0.20) | MI | (\$100.00) |
| 37 | 642 | Stop Line | 12.00 | LF | \$3.95 | \$47.40 | 0.00 | LF | \$0.00 | 0.0% | (12.00) | LF | (\$47.40) |
| Section IA Totals: | | | | | | \$121,482.40 | | | \$0.00 | 0.0% | | | (\$121,482.40) |

FINAL RECONCILIATION OF QUANTITIES
 Change Order No. # - Final Adjusting Change Order
 The City of Kirtland
 2021 pavement Rehabilitation Project (Project 2021001)
 Project No. 4-5
 January 21, 2022

Specialized Construction, Inc.
 711 Harvard Avenue
 Cuyahoga Hts., Ohio 44105

Prepared by: The C.W. Courtney Company
 700 Beta Drive, Suite 200
 Cleveland, Ohio 44143
 (p) 440.449.4005; (f) 440.449.0883

Original Contract Amount: \$1,880,079.95

| Ref. | Item # | Item Description | CONTRACT VALUES | | | WORK COMPLETED | | | BALANCE OVER / (UNDER) | | | | |
|--|--------|--|--------------------|------------|-----------------------|-----------------------|------------------|-----------------------|------------------------|---------------|----------|-----|-----------------------|
| | | | Estimated Quantity | Unit Price | Scheduled Value | Quantity Completed | Amount Completed | % Complete | Quantity | Cost | | | |
| SECTION II - PAVEMENT REPAIR & RESURFACING | | | | | | | | | | | | | |
| 38 | 204 | Proff Roll | 1.50 | HR | \$100.00 | \$150.00 | 1.50 | HR | \$150.00 | 100.0% | 0.00 | HR | \$0.00 |
| 39 | 253 | Full Depth Pavement Repair, T=12", As Directed | 790.00 | SY | \$29.00 | \$22,910.00 | 1492.10 | SY | \$43,270.90 | 188.8% | 702.10 | SY | \$20,360.90 |
| 40 | 254 | Pavement Planing, Butt Joints (Aprons & Intersections) | 300.00 | SY | \$5.00 | \$1,500.00 | 88.70 | SY | \$443.50 | 29.6% | (211.30) | SY | (\$1,056.50) |
| 41 | 422 | Pavement Pre-Seal, Single Chip Seal | 5255.00 | SY | \$2.50 | \$13,137.50 | 5255.00 | SY | \$13,137.50 | 100.0% | 0.00 | SY | \$0.00 |
| 42 | 441 | 1" Asphalt Concrete Intermediate Course, Type 1 (448) | 293.00 | TON | \$88.00 | \$25,784.00 | 300.56 | TON | \$26,449.28 | 102.6% | 7.56 | TON | \$665.28 |
| 43 | 441 | 1-1/2" Asphalt Concrete Surface Course, Type 1 (448) | 440.00 | TON | \$88.00 | \$38,720.00 | 474.46 | TON | \$41,752.48 | 107.8% | 34.46 | TON | \$3,032.48 |
| 44 | 605 | Aggregate Drain | 825.00 | LF | \$15.00 | \$12,375.00 | 0.00 | LF | \$0.00 | 0.0% | (825.00) | LF | (\$12,375.00) |
| 45 | 617 | Shoulder Preparation, Grading & Berming, RAP | 1525.00 | SY | \$7.50 | \$11,437.50 | 1525.00 | SY | \$11,437.50 | 100.0% | 0.00 | SY | \$0.00 |
| 46 | 408 | Prime Coat for Shoulder Berming (0.5 Gal/SY) | 765.00 | GAL | \$2.50 | \$1,912.50 | 765.00 | GAL | \$1,912.50 | 100.0% | 0.00 | GAL | \$0.00 |
| 47 | SPEC | Wtco Reclaimite (or equal) @ 0.08 Gal/Sq Yd | 5255.00 | SY | \$0.95 | \$4,992.25 | 5255.00 | SY | \$4,992.25 | 100.0% | 0.00 | SY | \$0.00 |
| 48 | 642 | Double Solid Centerline, Yellow | 0.65 | MI | \$1,000.00 | \$650.00 | 0.00 | MI | \$0.00 | 0.0% | (0.65) | MI | (\$650.00) |
| 49 | 642 | Edge Line, 4", White | 1.29 | MI | \$500.00 | \$645.00 | 0.00 | MI | \$0.00 | 0.0% | (1.29) | MI | (\$645.00) |
| 50 | 642 | Stop Line | 24.00 | LF | \$3.95 | \$94.80 | 15.00 | LF | \$59.25 | 62.5% | (9.00) | LF | (\$35.55) |
| 51 | 614 | Maintaing Traffic | 1.00 | LS | \$7,000.00 | \$7,000.00 | 1.00 | LS | \$7,000.00 | 100.0% | 0.00 | LS | \$0.00 |
| 52 | 624 | Mobilization | 1.00 | LS | \$12,000.00 | \$12,000.00 | 1.00 | LS | \$12,000.00 | 100.0% | 0.00 | LS | \$0.00 |
| Section II Totals: | | | | | \$153,308.55 | | | \$162,605.16 | | 106.1% | | | \$9,296.61 |
| SECTION III - CONTINGENCY ITEMS FOR SECTION II, TO BE USED ONLY AS DIRECTED BY THE ENGINEER | | | | | | | | | | | | | |
| 54 | 204 | Proff Roll | 0.50 | HR | \$70.00 | \$35.00 | 0.00 | HR | \$0.00 | 0.0% | (0.50) | HR | (\$35.00) |
| 55 | 253 | Full Depth Pavement Repair, T=12", As Directed | 80.00 | SY | \$29.00 | \$2,320.00 | 0.00 | SY | \$0.00 | 0.0% | (80.00) | SY | (\$2,320.00) |
| 56 | 204 | Repair of Poor Subgrade, As Directed | 15.00 | CY | \$18.00 | \$270.00 | 0.00 | CY | \$0.00 | 0.0% | (15.00) | CY | (\$270.00) |
| 57 | 254 | Pavement Planing, Butt Joints (Aprons & Intersections) | 30.00 | SY | \$3.00 | \$90.00 | 0.00 | SY | \$0.00 | 0.0% | (30.00) | SY | (\$90.00) |
| 58 | 422 | Pavement Pre-Seal, Single Chip Seal | 500.00 | SY | \$2.00 | \$1,000.00 | 0.00 | SY | \$0.00 | 0.0% | (500.00) | SY | (\$1,000.00) |
| 59 | 441 | 1" Asphalt Concrete Intermediate Course, Type 1 (448) | 30.00 | TON | \$70.00 | \$2,100.00 | 0.00 | TON | \$0.00 | 0.0% | (30.00) | TON | (\$2,100.00) |
| 60 | 441 | 1-1/2" Asphalt Concrete Surface Course, Type 1 (448) | 45.00 | TON | \$70.00 | \$3,150.00 | 0.00 | TON | \$0.00 | 0.0% | (45.00) | TON | (\$3,150.00) |
| 61 | 605 | Aggregate Drain | 80.00 | LF | \$10.00 | \$800.00 | 0.00 | LF | \$0.00 | 0.0% | (80.00) | LF | (\$800.00) |
| 62 | 617 | Shoulder Preparation, Grading & Berming, RAP | 150.00 | SY | \$4.50 | \$675.00 | 0.00 | SY | \$0.00 | 0.0% | (150.00) | SY | (\$675.00) |
| 63 | 408 | Prime Coat for Shoulder Berming (0.5 Gal/SY) | 75.00 | GAL | \$2.50 | \$187.50 | 0.00 | GAL | \$0.00 | 0.0% | (75.00) | GAL | (\$187.50) |
| 64 | SPEC | Wtco Reclaimite (or equal) @ 0.08 Gal/Sq Yd | 525.00 | SY | \$0.95 | \$498.75 | 0.00 | SY | \$0.00 | 0.0% | (525.00) | SY | (\$498.75) |
| 65 | 642 | Double Solid Centerline, Yellow | 0.10 | MI | \$1,000.00 | \$100.00 | 0.00 | MI | \$0.00 | 0.0% | (0.10) | MI | (\$100.00) |
| 66 | 642 | Edge Line, 4", White | 0.20 | MI | \$500.00 | \$100.00 | 0.00 | MI | \$0.00 | 0.0% | (0.20) | MI | (\$100.00) |
| 67 | 642 | Stop Line | 5.00 | LF | \$3.95 | \$19.75 | 0.00 | LF | \$0.00 | 0.0% | (5.00) | LF | (\$19.75) |
| Section III Totals: | | | | | \$11,346.00 | | | \$0.00 | | 0.0% | | | (\$11,346.00) |
| CONTRACT LINE ITEM TOTALS: | | | | | | \$1,880,079.95 | | \$1,644,452.23 | | 87.5% | | | (\$235,627.72) |
| CHANGE ORDERS | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| CHANGE ORDER TOTALS: | | | | | \$0.00 | | | \$0.00 | | | | | \$0.00 |
| FINAL CONTRACT TOTALS: | | | | | \$1,880,079.95 | | | \$1,644,452.23 | | 87.5% | | | (\$235,627.72) |

FINAL CHANGE ORDER AMOUNT: (\$235,627.72)
 FINAL CONTRACT AMOUNT: \$1,644,452.23