## CITY OF NOVI CITY COUNCIL JUNE 23, 2025



**SUBJECT:** Consideration of approval of Change Order No. 1 to Mattioli Cement Company, Inc. for the 2025 Neighborhood Road Program – Concrete Streets to add Cheshire Court, in the amount of \$196,695.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

#### **KEY HIGHLIGHTS:**

- Cheshire Court is an adjacent concrete street to White Pines Drive, which is also in this year's program.
- Full reconstruction effort.
- Total project costs are estimated at 250K.

|  | FY 2025/26                                  |  |  |  |  |  |
|--|---|--|--|--|--|--|
| EXPENDITURE REQUIRED                     | \$ 196,695.00                               |  |  |  |  |  |
| BUDGET                                   |   |  |  |  |  |  |
| Local Street Fund 203-449.30-974.261     | \$ 250,000.00                               |  |  |  |  |  |
| APPROPRIATION REQUIRED \$0               |   |  |  |  |  |  |
| FUND BALANCE IMPACT                      | \$0   |  |  |  |  |  |
| Budget includes the current estimated to | otal project costs for construction (design |  |  |  |  |  |

Budget includes the current estimated total project costs for construction (design engineering, construction engineering, crew days, material testing, contingency, etc.), the out-the-door estimated budget is 250K.

#### **BACKGROUND INFORMATION:**

AECOM and G2 Consulting Group assisted the Engineering Division with developing a list of potential streets for the 2024 and 2025 Neighborhood Road Program (NRP). The program was divided into two contracts, concrete roads and asphalt roads. The programs were also advertised for a two-year contract to secure unit prices and lower overall costs associated with bidding and design.

On May 20, 2024, City Council approved the concrete contract with Mattioli Cement Company, Inc. Although Cheshire Court was on the initial list of streets, it did not make the final cut based on estimates. However, after completing the 2024/25 Concrete NRP, there were enough funds to add Cheshire Court, which is adjacent to other streets in the current NRP.

City engineering consultants, AECOM and G2, provided a proposal for the construction administration, inspection crew days, and material testing services. The contract administration and geotechnical engineering services related to this project addition will be granted to the following pre-qualified firms using the fee percentages in the Agreements for Professional Engineering Services and Geotechnical Engineering Services for Public Projects.

| AECOM  |  |              |  |  |  |  |  |
|--|--|--------------|--|--|--|--|--|
| Design   | 6.25% of the Change Order value<br>(\$196,695.00 x 0.0625) | \$ 12,293.44 |  |  |  |  |  |
| Contract<br>Administration                     | \$ 9,343.01  |              |  |  |  |  |  |
| Crew Days \$800 daily inspection fee X 10 days |  | \$ 8,000.00  |  |  |  |  |  |
| G2 Consulting Group, Inc. (G2)                 |  |              |  |  |  |  |  |
| Material testing<br>services                   | 1.9% of the Change Order value<br>(\$196,695.00 X 0.019)   | \$ 3,737.21  |  |  |  |  |  |

### TOTAL \$33,373.66

Cheshire Court reconstruction will commence upon the completion of White Pines Drive this summer and will take approximately 3-4 weeks to complete.

**RECOMMENDED ACTION:** Approval of Change Order No. 1 to Mattioli Cement Company, Inc. for the 2025 Neighborhood Road Program – Concrete Streets to add Cheshire Court, in the amount of \$196,695. CHESHIRE COURT

MOORGATE STREET

Thu Apr 17 2025

FOXMOOR DRIVE

100

BERTRAM DRIVE ไ





# CITY OF NOVI Estimate of Cost 6/16/2025 Cheshire Ct

| Item |   |       | Total    | Misc As  |             |                 |                |        |
|------|---|-------|----------|----------|-------------|-----------------|----------------|--------|
| No.  | Item Description                                | Unit  | Quantity | Directed | Cheshire Ct | Unit Price (\$) | Total C        | ost    |
| 1    | Mobilization, Max 10%                           | LSUM  | 1        | 1        |             | \$ 4,500.00     | \$ 4,5         | 500.00 |
| 2    | Pre-Construction Audio-Visual                   |       | 1        | 1        |             | \$ 1,500.00     | \$ 1,5         | 00.00  |
| 3    | Erosion Control, Inlet Protection, Fabric Drop  | Ea    | 2        |          | 2           | \$ 50.00        | \$1            | 00.00  |
| 4    | Pavt, Rem, Modified                             | Syd   | 2000     |          | 2000        | \$ 10.00        | \$ 20,0        | 00.00  |
| 5    | Subgrade Undercutting, Special, 1 x 3           | Cyd   | 30       | 30       |             | \$ 49.00        | \$ 1,4         | 70.00  |
| 6    | Conc Pavt with Intergral Curb, Nonreinf, 8 inch | Syd   | 2000     |          | 2000        | \$ 55.60        | \$ 111,2       | 200.00 |
| 7    | Underdrain, Subgrade, Open-Graded, 6 inch       | Ft    | 835      |          | 835         | \$ 13.00        | \$ 10,8        | 855.00 |
| 8    | Aggregate Base, 21AA Limestone, 8 inch          | Syd   | 2111     |          | 2111        | \$ 13.00        | \$ 27,4        | 43.00  |
| 9    | Tensar TX5 Geogrid                              | Syd   | 2111     |          | 2111        | \$ 7.00         | \$ 14,7        | 77.00  |
| 10   | Dr Structure Cover, Adj, Case 1                 | Ea    | 2        |          | 2           | \$ 300.00       | \$6            | 00.00  |
| 11   | Point Up Drainage Structure                     | Ea    | 2        |          | 2           | \$ 200.00       | \$ 4           | 00.00  |
| 12   | Dr Structure, Tap, 6 inch                       | Ea    | 2        |          | 2           | \$ 75.00        | \$ 1           | 50.00  |
| 13   | Mailbox Maintenance                             | LSUM  | 1        | 1        |             | \$ 1,000.00     | \$ 1,0         | 00.00  |
| 14   | Maintaining Traffic                             | LSUM  | 1        | 1        |             | \$ 1,700.00     | \$ 1,7         | 00.00  |
| 15   | Surface Restoration                             | LSUM  | 1        | 1        |             | \$ 1,000.00     | \$ 1,0         | 00.00  |
|      |   |       |          |          |             |                 | <b>A</b> 100.0 | 05.00  |
|      | Construction Total                              |       |          |          |             |                 | \$ 196,6       | 95.00  |
|      | Construction Inspection                         | Day   | 10       |          |             | \$ 800.00       | \$ 8,0         | 00.00  |
|      | Design  | % Fee | 6.25%    |          |             |                 | \$ 12,2        | 93.44  |
|      | Contract Administration                         | % Fee | 4.75%    |          |             |                 | Ĩ              | 343.01 |
|      | Materials Testing                               | % Fee | 1.9%     |          |             |                 | 1              | 37.21  |
|      | Total Cost                                      |       |          |          |             |                 | \$ 217,7       | 75.22  |

Estimate Assumptions:

CA and Materials Testing fees based on both years and alt bids combined.



## WORK CHANGE DIRECTIVE & CHANGE ORDER No. 1

| NOVI<br>cityofnovi.org  |  |  | PURCHASE ORDER<br>97573 | <u>NO.</u>                  |                                  |   | Novi No.:<br>CIP No.:  |                               |  |  |
|---|--|--|-------------------------|-----------------------------|----------------------------------|---|--|-------------------------------|--|--|
| Project: 2025 NRP - CONCRETE STREETS                              |  |  |                         |                             |                                  |   |  |                               |  |  |
| Owner:  | City of Novi<br>26300 Lee BeGole Dr.<br>Novi, Michigan 48375<br>(248) 735-5632 |  |                         | 39575<br>Novi, M<br>(248) 2 | lichigan 48<br>04-5900           | e, Suite 400<br>377                     |  |                               |  |  |
| Contractor:   | 6085 McC   |  | Time and<br>balancin    | changes in the              | Contract Prie<br>tract line iten | ce by adding, ded<br>ns through a signe | nanges in the Contract<br>ucting and/or<br>ad authorization of the |                               |  |  |
| Drafted Date:   |  | June 16, 2025  |                         |                             |                                  |   |  |                               |  |  |
| Adding the removal and replacement of Cheshire Ct to the project. |  |  |                         |                             |                                  |   |  |                               |  |  |
|   |  |  | EXISTING CON            |                             |                                  |   | Contrac  |                               |  |  |
| <u>Item No.</u><br>0  | Division<br>1  | Item Description<br>"Crew Days" - Base Bid               |                         |                             | <u>it Price</u><br>\$800.00      | <u>Quantity</u><br>10                   | Add<br>I   | Deduct                        |  |  |
| 0   | 2  | "Crew Days" - Foxton Storm Sev                           | ver C                   | D                           | \$800.00                         |   |  |                               |  |  |
| 0   | 3  | "Crew Days" -<br>"Crew Days" -                           |                         |                             | \$800.00<br>\$800.00             |   |  |                               |  |  |
| 0   | 5  | "Crew Days" -  | C                       | D                           | \$800.00                         |   |  |                               |  |  |
| 4   |  | Erosion Control, Inlet Protection                        |                         |                             | \$50.00                          | 2                                       | \$100.00   |                               |  |  |
| 5<br>8  |  | Pavement, Rem, Modified<br>Subgrade Undercutting, Specia | S<br>I, 1 x 3 C         |                             | \$10.00<br>\$49.00               | 2000<br>30                              | <u>\$20,000.00</u><br>\$1,470.00                                   |                               |  |  |
| 9   |  | Conc Pavt w/ Integral Curb, N-R                          |                         |                             | \$55.60                          | 2000                                    | \$111,200.00   |                               |  |  |
| 11  |  | Underdrain, Subgrade, O-G, 6-in                          |                         |                             | \$13.00                          | 835                                     | \$10,855.00  |                               |  |  |
| 12<br>13  | 1  | Agg Base, 21AA Limestone, 8-ir<br>Tensar TX5 Geogrid     | ich S'                  |                             | \$13.00<br>\$7.00                | 2111<br>2111                            | \$27,443.00<br>\$14,777.00   |                               |  |  |
| 20  |  | DPS Structure Cover, Adj, Case                           |                         |                             | \$300.00                         | 2111                                    | \$600.00   |                               |  |  |
| 22  | 1  | Point Up Drainage Structure                              | E                       | 4                           | \$200.00                         | 2                                       | \$400.00   |                               |  |  |
| 24  | 1  | Dr Structure, Tap, 6-inch                                | E                       | 4                           | \$75.00                          | 2                                       | \$150.00   |                               |  |  |
|   |  |  |                         |                             |                                  |   |  |                               |  |  |
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|   |  |  |                         |                             |                                  | Quintotala                              | \$100 00E 00   | ¢0.00                         |  |  |
|   |  |  | Page                    | 1 of 2                      | ł                                | Subtotals<br>Total                      | \$186,995.00   | \$0.00<br><b>\$186,995.00</b> |  |  |

|                      | NEW CONTRACT ITEMS |  |                           |                          |           |                          |                |  |  |  |
|----------------------|--------------------|--|---------------------------|--------------------------|-----------|--------------------------|----------------|--|--|--|
| Item No.             | Division           | Item Description                                 | Unit                      | Unit Price               | Quantity  | Add                      | Deduct         |  |  |  |
| 35                   | 1                  | Mobilization_Cheshire                            | LSUM                      | \$4,500.00               | 1         | \$4,500.00               |                |  |  |  |
| 36                   | 1                  | Pre-Con Audio-Visual_Cheshire                    | LSUM                      | \$1,500.00               | 1         | \$1,500.00               |                |  |  |  |
| 37                   | 1                  | Mailbox Maintenance_Cheshire                     | LSUM                      | \$1,000.00               | 1         | \$1,000.00               |                |  |  |  |
| 38<br>39             | 1                  | Maintaining Traffic_Cheshire Surface Restoration | LSUM<br>LSUM              | \$1,700.00<br>\$1,000.00 | 1         | \$1,700.00<br>\$1,000.00 |                |  |  |  |
|                      | - ·                | ourrace restoration                              | LOOM                      | φ1,000.00                |           | ψ1,000.00                |                |  |  |  |
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|                      |                    |  |                           |                          |           |                          |                |  |  |  |
|                      |                    |  |                           |                          | Subtotals | \$9,700.00               | \$0.00         |  |  |  |
|                      |                    |  |                           | l                        | Total     |                          | \$9,700.00     |  |  |  |
| Increase/Decr        | ease in Co         | ontract Price                                    |                           |                          |           |                          | \$196,695.00   |  |  |  |
| Original Contr       | act Amou           | nt   |                           |                          |           |                          | \$1,546,877.80 |  |  |  |
| Sum of Previou       | us Approv          | ed Change Orders                                 |                           |                          |           |                          | \$0.00         |  |  |  |
| <b>Revised Contr</b> | act Amou           | nt   |                           |                          |           |                          | \$1,743,572.80 |  |  |  |
| TUE                  |                    |  |                           |                          | - DV:     |                          |                |  |  |  |
| THE                  | CHANGE             | S ADDRESSED BY THIS CHANGE ORDER HEF             | REBY ADJUSTS TH           | ECONTRACT TIM            | EBA:      |                          |                |  |  |  |
|                      |                    |  |                           |                          |           |                          |                |  |  |  |
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| Ad                   | ccepted By:        |  |                           |                          |           |                          |                |  |  |  |
|                      |                    |  | Mattiol                   | Cement Company, LLC      |           |                          |                |  |  |  |
|                      |                    |  |                           |                          |           |                          |                |  |  |  |
|                      |                    |  |                           |                          |           |                          |                |  |  |  |
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| Pi                   | repared By:        |  |                           |                          |           |                          |                |  |  |  |
|                      |                    |  | AI                        | COM-Great Lakes          |           |                          |                |  |  |  |
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| -                    |                    |  |                           |                          |           |                          |                |  |  |  |
| Re                   | eviewed By:        |  | Aaron I St                | aup, Construction Engine | or.       |                          |                |  |  |  |
|                      |                    |  | Aaron J. St               |                          |           |                          |                |  |  |  |
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| Δι                   | oproved By         |  |                           |                          |           |                          |                |  |  |  |
| Aŗ                   | oproved By:        |  | Tracey Mar                | zonie, Purchasing Manag  | er        |                          |                |  |  |  |
| Aţ                   | oproved By:        |  | Tracey Mar<br>Page 2 of 2 | zonie, Purchasing Manag  | er        |                          |                |  |  |  |