## CITY OF NOVI CITY COUNCIL FEBRUARY 10, 2025



**SUBJECT:** Consideration of approval of Change Order No. 2 to Ajax Paving Industries, Inc. for construction of an 11 Mile Road Pavement Preservation Overlay, Taft Road to Clark Street.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

## **KEY HIGHLIGHTS:**

- Recommending a cost-effective fix-pavement preservation overlay for 280K rather than a rehabilitation for 1.08M
- Total project costs are estimated at 280K
- The project will commence this spring /summer and will take 2-3 weeks to complete. All traffic will be maintained by flagging

|                                      | FY 2024/25  |
|--------------------------------------|---|
| EXPENDITURE REQUIRED                 | \$ 238,928.07   |
| BUDGET                               |   |
| Major Street Fund 202-449.20-975.177 | \$ 315,000.00   |
| APPROPRIATION REQUIRED               | \$0   |
| FUND BALANCE IMPACT                  | \$0   |
|                                      | otal project costs for construction (design crew days, material testing, contingency, |

etc.), the out-the-door estimated budget is 280K

## **BACKGROUND INFORMATION:**

On May 20, 2024, City Council approved Change Order No. 3 to Ajax Paving Industries, Inc. to perform a Pavement Preservation Overlay (PPO) on Beck Road between 9 and 11 Mile Roads. The pavement on Beck Road from 9 Mile Road to 11 Mile Road was in poor condition. DPW staff have been using different maintenance options to extend the pavement life until an alternative Beck Road project comes to fruition. City staff recommended issuing a change order to the contractor of the 2023 Capital Preventative Maintenance (CPM) project, Ajax Paving. Ajax who agreed to hold unit prices from the 2023 CPM project for the Beck Rd PPO, which resulted in significantly lower costs than what was estimated (approx. \$1M less).

On August 12, 2024, City Council approved Change Order No. 1 to Ajax Paving Industries, Inc. to perform the same Pavement Preservation Overlay on 11 Mile Road, between Beck and Taft Roads, which required a similar course of action as Beck Road. Due to the relative location and economy of scale to Beck Road, it made sense to move forward with Ajax on this section of road also.

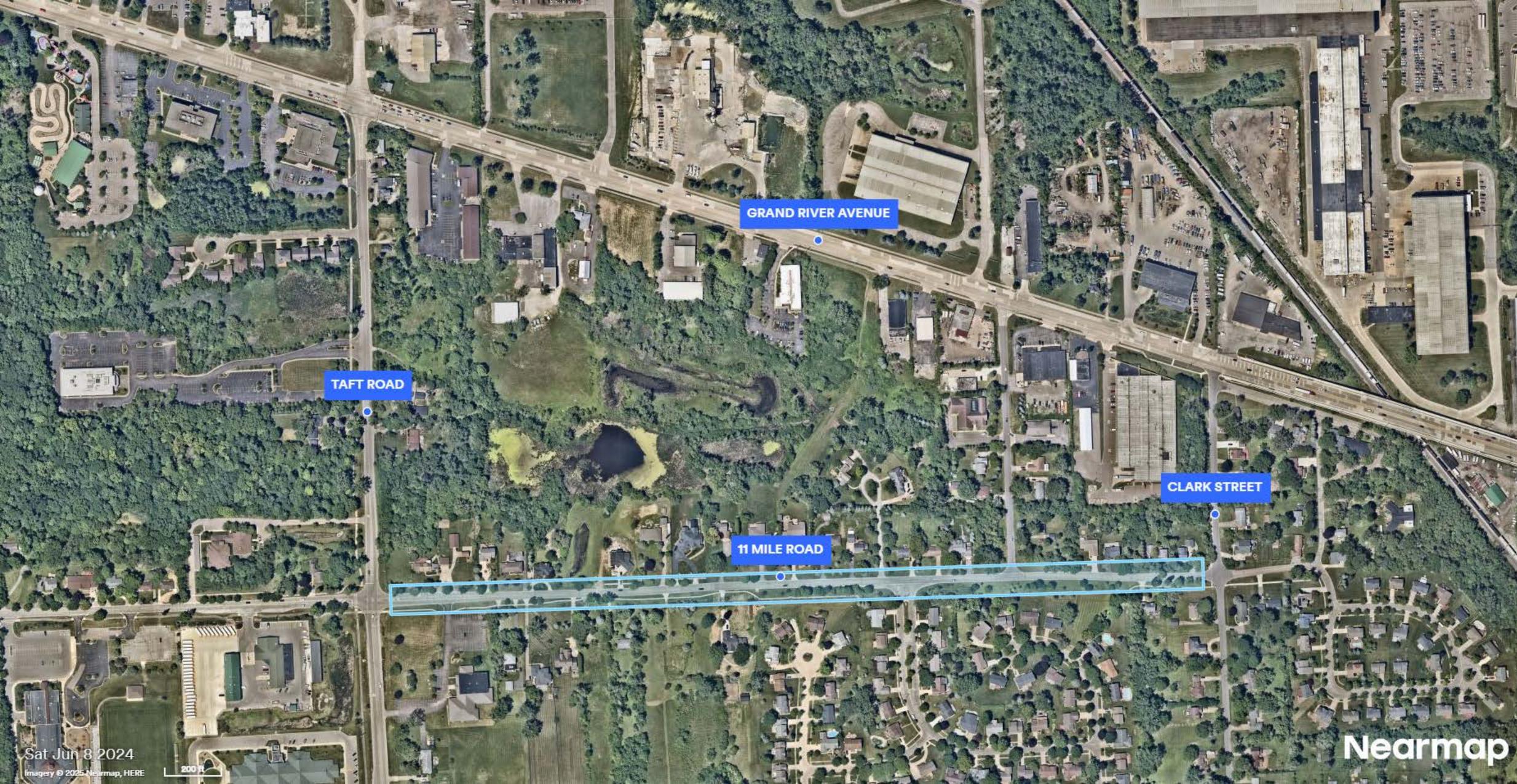
The timing and final product of Change Order No. 1 met was praised by residents in the neighboring subdivisions. Therefore, we are once again requesting this change order on 11 Mile, from Taft Road to Clark Street.

Furthermore, this section of 11 Mile Road (Taft Road to Clark Street) is currently budgeted for a ~\$1.08M rehabilitation in the 2027-28 FY. Changing the project to a preservation overlay and completing it in the same contract will offset the costly reconstruction. As discussed in the Finance and Administration Committee, this allows flexibility for funding larger projects with unforeseen expanded costs (12 Mile Road Widening) in future fiscal years. There will be no impact to the capital road program fund balance this fiscal year since the costs are being covered by a combination of maintenance dollars and deferred project savings (moving Beck Road – 11Mile to Grand River from FY 2025/26 to FY 2026/27).

City engineering consultant, AECOM, 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                    | 2.0% of the Change Order value<br>(\$238,928.07 x 0.02) | \$4,778.56 |
| Contract Administration   | 3.0% of the Change Order value<br>(\$238,928.07 x 0.03) | \$7,167.84 |
| Crew Days                 | \$800 daily inspection fee X 5 days                     | \$4,000.00 |
| G2 Consulting Group, Inc. | (G2)  |            |
| Material testing services | 3.0% of the Change Order value<br>(\$238,928.07 X 0.03) | \$7,167.84 |

**RECOMMENDED ACTION:** Approval of Change Order No. 2 to Ajax Paving Industries, Inc. for construction of an 11 Mile Road Pavement Preservation Overlay, Taft Road to Clark Street, in the amount of \$238,928.07.





| 26300 Lee BeGole Dr.<br>Novi, Michigan 48375<br>(248) 735-5632   39575 Lewis Drive, Suite 400     Contractor:   Ajax Paving Industries, Inc.<br>1957 Crooks Road, Suite A<br>Troy, Michigan 48084<br>(248) 244-3300   This document hereby renders changes in the Work, changes in the Contract<br>Time and changes in the Contract Price by adding, deducting and/or<br>balancing individual Contract Ine items through a signed authorization of the<br>Prime Contractor, Owner, and Engineer.     Drafted Date:   January 20, 2025  | Cityofnovi.org |   | Г                                | PURCHASE ORDER NO    |                                       |               | Novi No.:<br>CIP No.: |        |
|--|----------------|---|----------------------------------|----------------------|---------------------------------------|---------------|-----------------------|--------|
| 26300 Lee BeGole Dr.<br>Novi, Michigan 48375<br>(248) 735-5632     39575 Lewis Drive, Suite 400<br>Novi, Michigan 48377<br>(248) 204-5900       Contractor:     Ajax Paving Industries, Inc.<br>1957 Crooks Road, Suite A<br>Troy, Michigan 48084<br>(248) 244-3300     This document hereby renders changes in the Work, changes in the Contract<br>Time and changes in the Contract Price by adding, deducting and/or<br>balancing individual Contract line items through a signed authorization of the<br>Prime Contractor, Owner, and Engineer.       Drafted Date:     January 20, 2025       Reasoning:     Adding the work that is to be completed on 11 Mile Rd between Taft Rd and Clark Rd. To be completed in the spring of 2025.       GL# 2.02 449.20 - 975.177       EXISTING CONTRACT ITEMS       Unit Unit Price Quantity Add Deduct<br>0       0     1     "Crew Days" - Beck Rd PPO (9 to 10)     CD     \$800.00     0     0       0     3     "Crew Days" - 11 Mile PPO (Taft)     CD     \$800.00     0     0     0     0     0     0     1     "Crew Days" - 11 Mile PPO (Beck to Taft)     CD     \$800.00     0     0     0     4     "Crew Days" - 11 Mile PPO (Beck to Taft)     CD     \$800.00     0     0     0     0     0     0     0     4     "Crew Days" - 11 Mile PPO (Beck to Taft)     CD     \$800.00     0     0  | Project:       | BECK R  | D PPO (9 to 11 Mile) & 11 MILE R | D PPO (Beck to Taft) |                                       |               |                       |        |
| 1957 Crooks Road, Suite A<br>Troy, Michigan 48084<br>(248) 244-3300     Time and changes in the Contract Price by adding, deducting and/or<br>balancing individual Contract line items through a signed authorization of the<br>Prime Contractor, Owner, and Engineer.       Drafted Date:     January 20, 2025       Reasoning:     Adding the work that is to be completed on 11 Mile Rd between Tatk Rd and Clark Rd. To be completed in the spring of 2025.       GL# 202- 449.20 - 975.177       EXISTING CONTRACT ITEMS       Contract Price<br>Quantity       0     1 "Crew Days" - Beck Rd PPO (9 to 10)     CD     \$800.00     0       0     2 "Crew Days" - Beck Rd PPO (10 to 11)     CD     \$800.00     0     0       0     3 "Crew Days" - 11 Mile PPO (Beck to Taft)     CD     \$800.00     0     0   | Owner:         | 26300 Lo<br>Novi, Mi  | ee BeGole Dr.<br>chigan 48375    | Engineer:            | 39575 Lewis Driv<br>Novi, Michigan 48 | e, Suite 400  |                       |        |
| Adding the work that is to be completed on 11 Mile Rd between Taft Rd and Clark Rd. To be completed in the spring of 2025.       GL# 202-449.20-975.177       EXISTING CONTRACT ITEMS       Division     Unit     Contract Price       Item No.     Division     Litem Description     Unit     Unit Price     Quantity     Add     Deduct       0     1     Contract Price       Quantity     Add     Deduct       0     1     Contract Price       Quantity     Add     Deduct       0     1     Contract Price       Quantity     Add     Deduct       0     1     Contract Price       Quantity     Add     Deduct       0     2     Contract Price       Quantity     Add     Deduct       0     2     2  | Contractor:    | 1957 Crooks Road, Suite A       Time and changes in the Contract Price by adding, deducting and/or         Troy, Michigan 48084       balancing individual Contract line items through a signed authorization |                                  |                      |                                       | ucting and/or |                       |        |
| EXISTING CONTRACT ITEMS         EXISTING CONTRACT ITEMS         Item No.       Division       Item Description       Unit       Contract Price         0       1       "Crew Days" - Beck Rd PPO (9 to 10)       CD       \$800.00       Image: Contract Price         0       2       "Crew Days" - Beck Rd PPO (10 to 11)       CD       \$800.00       Image: Contract Price         0       3       "Crew Days" - 11 Mile PPO (Beck to Taft)       CD       \$800.00       Image: Contract Price         0       3       "Crew Days" - 11 Mile PPO (Taft to Clarkt)       CD       \$800.00       Image: Contract Price         0       4       "Crew Days" - 11 Mile PPO (Taft to Clarkt)       CD       \$800.00       Image: Contract Price   | Drafted Date:  |   | January 20, 2025                 |                      |                                       |               |                       |        |
| Item No.       Division       Item Description       Unit       Unit Price       Quantity       Add       Deduct         0       1       "Crew Days" - Beck Rd PPO (9 to 10)       CD       \$800.00   | Reasoning:     | 1   |                                  |                      |                                       |               |                       |        |
| Item No.       Division       Item Description       Unit       Unit Price       Quantity       Add       Deduct         0       1       "Crew Days" - Beck Rd PPO (9 to 10)       CD       \$800.00   |                |   |                                  | EXISTING CONTRA      |                                       |               | r.                    |        |
| 0       3       "Crew Days" - 11 Mile PPO (Beck to Taft)       CD       \$800.00       □       □         0       4       "Crew Days" - 11 Mile PPO (Taft to Clark)       CD       \$800.00       5       ✓       □   | 0              | 1   | "Crew Days" - Beck Rd PPO (9 to  | (10) CD              | \$800.00                              | Quantity      | Add                   | Deduct |
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|   |  |  |   |   |   | Subtotals   | \$238,928.07  | \$         |
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| ease/Decreas  | se in Cor  | tract Price  |   |   |   |   |   | \$238,92   |
| inal Contract   |  |  |   |   |   |   |   | \$1,449,23 |
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