



**CITY OF NOVI CITY COUNCIL
MAY 20, 2024**

SUBJECT: Consideration of approval of Change Order No. 3 to Ajax Paving Industries, Inc. for construction of a Beck Road Pavement Preservation Overlay, 9 Mile Road to 11 Mile Road, in the amount of \$1,081,882.04.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 518,405.29 Beck Road (10 to 11 Mile) <u>\$ 563,476.75 Beck Road (9 to 10 Mile)</u> \$ 1,081,882.04 TOTAL
AMOUNT BUDGETED	\$ 125,000.00 FY 2023-24 Budget <u>\$ 1,229,981.00 FY 2024-25 Budget</u> \$ 1,354,981.00 TOTAL
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	202-499-975.232 & 202-499-975.233 Major Street Fund

BACKGROUND INFORMATION:

The pavement on Beck Road from 9 Mile Road to 11 Mile Road is in poor condition. DPW staff have been using different maintenance options to extend the pavement life until the planned Beck Road widening project comes to fruition. However, the road condition continues to deteriorate. The proposed pavement preservation overlay (PPO) would help keep the road from deteriorating further until additional funding is obtained for the widening project. City staff recommends issuing a change order to the contractor of the 2023 Capital Preventative Maintenance (CPM) project, Ajax Paving. Ajax has agreed to hold unit prices from the 2023 CPM project for the Beck Rd PPO, which would result in a significantly lower cost than what was estimated (approx. \$1M less).

City engineering consultant, AECOM, provided a proposal for design and construction administration. Due to the limited design needed for a PPO, AECOM proposed a lower fee percentage of 2% for the road design. 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.

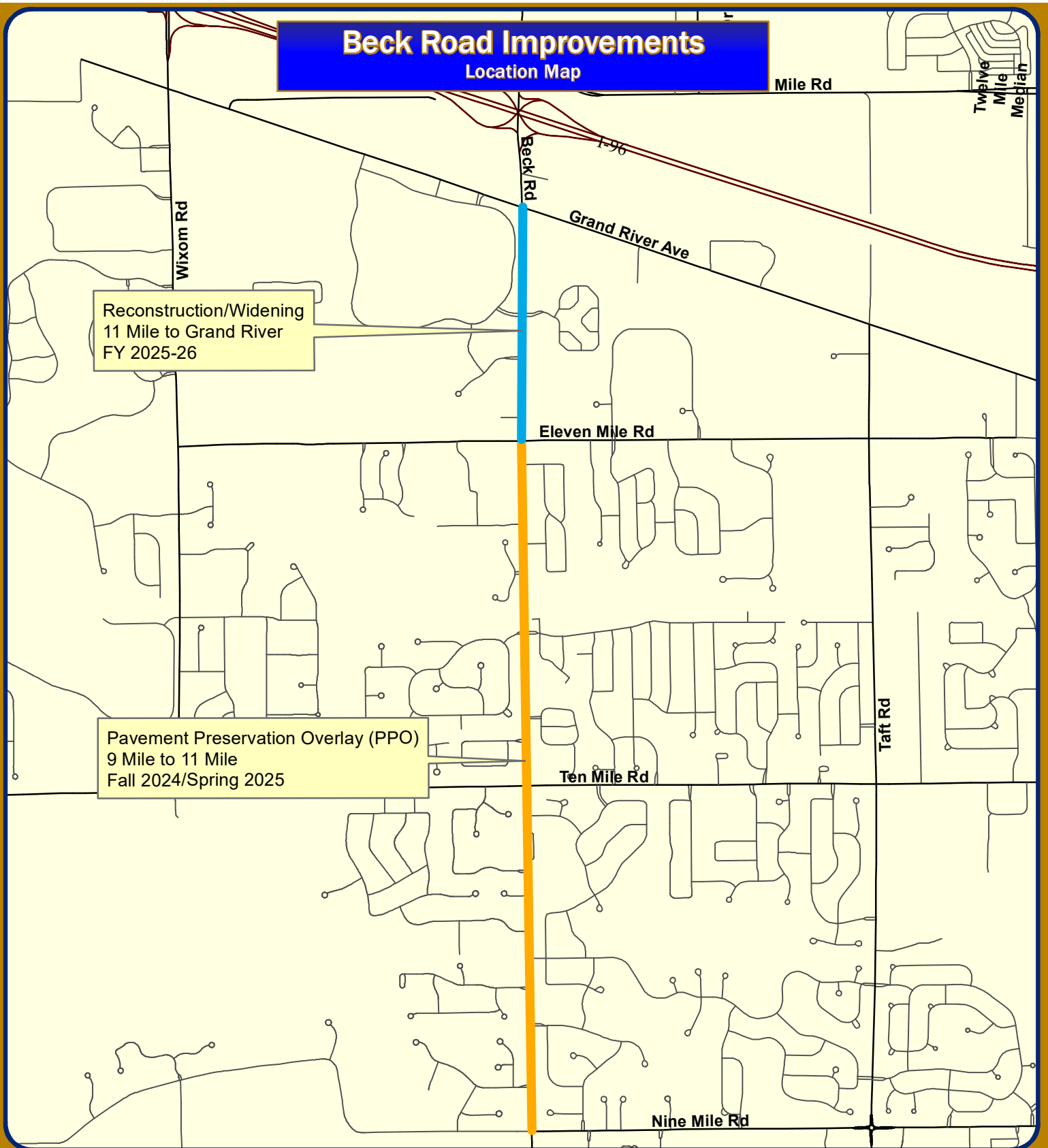
Construction would begin after the Wixom Road project is completed, depending on the weather, and is expected to take two to three weeks to complete. If construction is unable to occur in 2024, it will be pushed back to spring 2025 under agreement with the contractor of a 4 % construction cost increase.

AECOM		
Design	2% of the Change Order value (\$1,081,882.04 x 0,02)	\$21,637.64
Contract Administration	3% of the Change Order value (\$1,081,882.04 x 0,03)	\$32,456.46
Crew Days	\$800 daily inspection fee X 10 days	\$8,000.00
G2 Consulting Group, Inc. (G2)		
Material testing services	1.9% of the Change Order value (\$1,081,882.04 X 0.019)	\$20,555.76

RECOMMENDED ACTION: Approval of Change Order No. 3 to Ajax Paving Industries, Inc. for construction of a Beck Road Pavement Preservation Overlay, 9 Mile Road to 11 Mile Road, in the amount of \$1,081,882.04.

Beck Road Improvements

Location Map



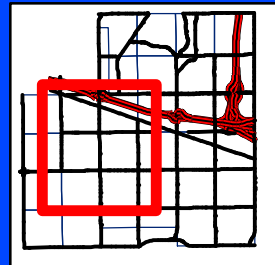
Reconstruction/Widening
11 Mile to Grand River
FY 2025-26

Pavement Preservation Overlay (PPO)
9 Mile to 11 Mile
Fall 2024/Spring 2025

Map Author: Croy
Date: 4/24/2024
Project: Beck Road
Version #: v1.0

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.



City of Novi

Engineering Division
Department of Public Works
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org

Feet
0 410 820 1,640 2,460

1 inch = 2,000 feet



NEW CONTRACT ITEMS

Item No.	Division	Item Description	Unit	Unit Price	Quantity	Contract Price		
						Add	Deduct	
17	2	Mobilization - Beck - 10-11	LSUM	\$52,500.00	1	\$52,500.00		
18	2	Pre-Construction Audio-Video - Beck - 10-11	LSUM	\$925.00	1	\$925.00		
19	2	Erosion Control, Silt Fence - Beck - 10-11	Ft	\$1.35	375	\$506.25		
20	2	Ersn Ctrl, Inlt Prctn, Fbrc Drop - Beck - 10-11	Ea	\$100.00	3	\$300.00		
21	2	Cold Milling, HMA Surface - Beck - 10-11	Syd	\$2.98	23373	\$69,651.54		
22	2	HMA, 4EMH - Beck - 10-11	Ton	\$117.25	2700	\$316,575.00		
23	2	Base Reparis - Beck - 10-11	Syd	\$30.00	468	\$14,040.00		
24	2	Pavement Markings - Beck - 10-11	LSUM	\$11,907.50	1	\$11,907.50		
25	2	Maintaning Traffic - Beck - 10-11	LSUM	\$42,000.00	1	\$42,000.00		
26	2	Shoulder Touch-up - Beck - 10-11	LSUM	\$10,000.00	1	\$10,000.00		
27	3	Mobilization - Beck - 9-10	LSUM	\$52,500.00	1	\$52,500.00		
28	3	Pre-Construction Audio-Video - Beck - 9-10	LSUM	\$925.00	1	\$925.00		
29	3	Erosion Control, Silt Fence - Beck - 9-10	Ft	\$1.35	375	\$506.25		
30	3	Cold Milling, HMA Surface - Beck - 9-10	Syd	\$2.98	26025	\$77,554.50		
31	3	HMA, 4EMH - Beck - 9-10	Ton	\$117.25	3006	\$352,453.50		
32	3	Base Reparis - Beck - 9-10	Syd	\$30.00	521	\$15,630.00		
33	3	Pavement Markings - Beck - 9-10	LSUM	\$11,907.50	1	\$11,907.50		
34	3	Maintaning Traffic - Beck - 9-10	LSUM	\$42,000.00	1	\$42,000.00		
35	3	Shoulder Touch-up - Beck - 9-10	LSUM	\$10,000.00	1	\$10,000.00		
						Subtotals	\$1,081,882.04	\$0.00
						Total	\$1,081,882.04	

Increase/Decrease in Contract Price	\$1,081,882.04
Original Contract Amount	\$866,078.70
Sum of Previous Approved Change Orders	-\$1,663.65
Revised Contract Amount	\$1,946,297.09

THE CHANGES ADDRESSED BY THIS CHANGE ORDER HEREBY ADJUSTS THE CONTRACT TIME BY:

Accepted By: _____
Ajax Paving Industries, Inc.

Prepared By: _____
AECOM-Great Lakes

Reviewed By: _____
Aaron J. Staup, Construction Engineer

Approved By: _____
Tracey Marzonie, Purchasing Manager