



**CITY OF NOVI CITY COUNCIL
JULY 10, 2023**

SUBJECT: Consideration of Approval of Change Order No. 1 to Cadillac Asphalt, LLC for the reconstruction of the eastern 500-feet of Drakes Bay Drive as part of the 2023 Industrial Roads Rehabilitation Program in the amount of \$386,927.26.

SUBMITTING DEPARTMENT: Department of Public Works – Engineering Division

EXPENDITURE REQUIRED	\$ 386,927.26
AMOUNT BUDGETED	\$ 509,154.00
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	203-449.30-975.272

BACKGROUND INFORMATION:

City Staff along with our engineering consultant, AECOM-Great Lakes, are in the process of developing our annual Capital Preventative Maintenance (CPM) program. This program addresses streets on a PASER rating level of 6 and higher. These streets would receive a maintenance-type fix that is less involved, intrusive, or as expensive as a reconstructive effort. For this next CPM program, we have developed a two-tier 'Priority' 1 & 2 list of streets. In the Priority 1 subset, all the streets are located within the Island Lake of Novi Subdivision, and almost all have a current PASER rating of 6 or 7. The exception being one, 500-foot section of Drakes Bay Drive (near Wixom Road).

Based on our analysis of the existing asphalt and subbase materials, in this area of Drakes Bay Drive, it was clear that a more robust, reconstructive effort is needed. This method involves a complete removal of the existing asphalt and approximately a foot of the existing clay subbase; replace with an aggregate material; install a 6-inch subsurface drainage system along both curb lines; and then pave back a new 6-inches of deep strength asphalt. Since the CPM program will be initiated later this summer staff recommends utilizing this existing rehabilitation contract to complete the work on Drakes Bay Drive first.

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-Great Lakes			
Drakes Bay Drive	Design	7.5% of the Change Order value (\$386,927.26 X 0.075)	\$ 29,019.54
	Contract Administration	7.5% of the Change Order value (\$386,927.26 X 0.075)	\$ 29,019.54
	Crew Days	\$800 daily inspection fee x 16 days	\$ 12,800.00
G2 Consulting Group, Inc. (G2)			
Drakes Bay Drive	Material testing services	2.0% of the Change Order value (\$386,927.26 X 0.02)	\$ 7,738.54

RECOMMENDED ACTION: Approval of Change Order No. 1 to Cadillac Asphalt, LLC for the reconstruction of the eastern 500-feet of Drakes Bay Drive as part of the 2023 Industrial Roads Rehabilitation program in the amount of \$386,927.26.

Industrial Roads Rehab Program - Drakes Bay Drive

Location Map

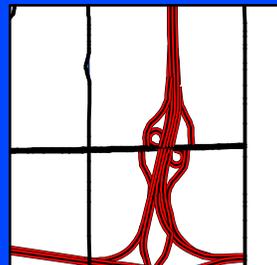


Map Author: Aaron J. Staup
Date: June 27, 2023
Project: Industrial Roads Rehab Program
Version #: 1

Amended By:
Date:
Department:

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

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0 65 130 260 390
Feet

1 inch = 332 feet



