## CITY OF NOVI CITY COUNCIL JANUARY 8, 2024



**SUBJECT:** Consideration of approval to award the construction contract to True North Asphalt, the low bidder, for the Lakeshore Park Parking Lot Reconstruction project, in the amount of \$270,115.90.

## **SUBMITTING DEPARTMENT:** Parks, Recreation and Cultural Services Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 270,115.90
AMOUNT BUDGETED	\$ 465,360.00
APPROPRIATION REQUIRED	\$ O
LINE ITEM NUMBER	208-752.00-981.014

## **BACKGROUND INFORMATION:**

The City's Lakeshore Park houses a 10-mile trail network that starts at the southern end of the park's access road. The system sees frequent usage by bicyclists, including the Motor City Mountain Biking Association (MCMBA) and hikers. The MCMBA is planning to add a changing facility at the trailhead in a separate project. In advance of the new facility, staff recommends reconstructing the southern end of the parking lot to eliminate the existing cul-de-sac, remove the existing kiosk, and create additional parking spaces to service the trail system, playground, and southernmost park shelter.

AECOM assisted the Engineering Division with developing engineering design plans for the project. The plans were advertised for public bids on November 27, 2023. Nine (9) bids were received and opened on December 18, 2023, following the solicitation period. True North Asphalt, the low bidder, is recommended in the best interest of the City, as it is responsive and complies with all requirements of the bidding instructions. The award recommendation letter, including the bid tabulation, is attached. The contract administration and geotechnical engineering services related to this project will be awarded 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									
Contract Administration	7.5% of the construction award (\$270,115.90 X 0.075)	\$ 20,258.69							
Crew Days	\$800 daily inspection fee x 10 days	\$ 8,000.00							

G2		
Material testing services	3% of the construction award (\$270,115.90 X 0.03)	\$ 8,103.48

Construction is expected to begin next spring and last approximately two weeks.

**RECOMMENDED ACTION:** Approval to award the construction contract to True North Asphalt, the low bidder, for the Lakeshore Park Parking Lot Reconstruction project, in the amount of \$270,115.90.

# Lakeshore Park Rear Parking Lot Improvements Maudin St **Location Map** Reconfigure parking areas to fit addtitional parking spaces Remove island and replace with turnaround and additional parking spaces

Map Author: Rebecca Runkel Date:8/31/21 Project: Lakeshore Parking Lot Version #: 1.0

#### 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.





25 50

Feet

1 inch = 101 feet



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



December 20, 2023 Mr. Ben Croy, PE City of Novi Engineering Department 26300 Lee BeGole Drive Novi, MI 48375

## Reference: Bid Analysis and Contract Award Recommendation Lakeshore Park Parking Lot Reconstruction AECOM Project Number 60713606

Dear Mr. Croy:

Attached is the Bid Tabulation for the above referenced project. Nine bids were received and opened on December 18, 2023. Competition appears to have been very good. Mathematical errors were noted in the first and seventh highest bidders. The errors did not impact the order of the bidders. The error in the lowest bidder was in a summation of all items, not an individual multiplication error between a quantity and a unit price of an item.

The low bid is lower than the Engineer's Estimate for the Project.

True North Asphalt, the low bidder for the project, has not previously performed work for the City of Novi. In checking references from previously completed projects that True North Asphalt listed within their bid, they have a good working relationship with past owners/representatives and have reportedly performed good work. The bonding company listed in the Statement of Qualifications has an AM Best rating that exceeds the minimum requirements.

We recommend award of contract for the contract work to True North Asphalt. for \$270,115.90.00. The amount bid for Inspection (Crew Days) is not included in the award amount.

Please feel free to contact me if you need anything else or wish to discuss the project.

Sincerely,

Kelan

Sean Kelsch, P.E. Project Manager

cc: Mark Koskinen, AECOM

AECOM Corporation 39575 Lewis Drive, Suite 400 Novi, Michigan 48377 Tel: 248.204.5900 Fax: 248.204.5901

#### City of Novi Lakeshore Park Parking Lot Reconstruction Reconstruction Tabulation of Bids Bid Opening: 12/18/2023

			Engine	eers Estimate	True No	orth Asphalt	Nag	le Paving	Peake	e Asphalt	T&M Asp	halt Paving	Fonson Co	Asphalt S	specialists	A&J Pa	aving Co	Best	Asphalt	Anglin	n Civil
tem No. Item Description	Unit	Total Bid Quantity	Unit Price	Total Bid Cost	Unit Price	Total Bid Cost	Unit Price	Total Bid Cost	Unit Price	Total Bid Cost	Unit Price	Total Bid Cost	Unit Price Total Bid Cost	Unit Price	Total Bid Cost	Unit Price	Total Bid Cost	Unit Price	Total Bid Cost	Unit Price	Total Bid C
1 Mobilization (10%)	LSUM	1	\$33,918.60	\$33,918.60	\$ 2,500.00		\$ 7,500.00		\$ 28,000.00		\$ 11,500.00			\$ 22,000.00 \$		\$ 24,499.75	\$ 24,499.75	\$ 35,000.00	\$ 35,000.00	\$ 45,600.00	
2 Pre-Construction Audio Visual	LSUM	· • •	5,000.00	\$5,000.00	\$ 3,389.00						\$ 4,500.00	\$ 4,500.00	\$ 975.00 \$ 975.00		5 1,000.00		\$ 1,500.00	\$ 2,400.00		\$ 4,000.00	
3 Erosion Control, Silt Fence	LSUM	950 \$	5 4.00	\$3,800.00	\$ 3.00		\$ 2.00		\$ 2.00		\$ 1.50	\$ 1,425.00	\$ 3.00 \$ 2,850.00		2,137.50			\$ 4.50		\$ 10.00 \$	
4 HMA Surface, Rem	Ea	2,545 \$	6.00	\$15,270.00	\$ 5.00							\$ 14,252.00			6 16,542.50			\$ 9.00		\$ 12.00 \$	
5 Culv, Rem, Less than 24 inch	LSUM	1 \$		\$650.00					\$ 720.00			\$ 500.00			800.00			\$ 500.00		\$ 750.00	
6 Kiosk, Rem	Syd	1 \$	5 2,000.00	\$2,000.00	\$ 750.00			\$ 1,200.00	\$ 500.00			\$ 500.00	\$ 1,000.00 \$ 1,000.00		500.00		\$ 300.00	\$ 1,000.00	\$ 1,000.00	\$ 1,100.00	\$ 1,
7 Tree and Stump, Rem, 6 inch to 18 inch	Syd		5 1,100.00	\$4,400.00	\$ 1,500.00										5 2,000.00			\$ 450.00		\$ 700.00	
8 Clearing	Ft	756 \$	\$ 4.00	\$3,024.00	\$ 7.00	\$ 5,292.00	\$ 0.65	\$ 491.40	\$ 1.00	\$ 756.00	\$ 0.75	\$ 567.00	\$ 0.50 \$ 378.00	\$ 1.00 \$	5 756.00	\$ 1.00	\$ 756.00	\$ 5.00	\$ 3,780.00	\$ 5.00 \$	\$ 3,
9 Parking Rail, Salvage and Replace	Ft	30 \$	5 200.00	\$6,000.00	\$ 64.00	\$ 1,920.00	\$ 60.00	\$ 1,800.00	\$ 30.00	\$ 900.00	\$ 40.00	\$ 1,200.00	\$ 73.00 \$ 2,190.00	\$ 50.00 \$	5 1,500.00	\$ 90.00	\$ 2,700.00	\$ 85.00	\$ 2,550.00	\$ 125.00	\$ 3,
10 Parking Rail, 6 inch Conc	Ft		500.00	\$10,000.00	\$ 134.00		\$ 85.00		\$ 100.00		\$ 95.00	\$ 1,900.00	\$ 362.00 \$ 7,240.00		5 1,600.00	\$ 180.00		\$ 105.00		\$ 315.00	\$ 6,
11 Subgrade Undercutting, Special, 1 x 3	Ft	200 \$	5 75.00	\$15,000.00	\$ 47.00	\$ 9,400.00	\$ 75.00	\$ 15,000.00	\$ 60.00	\$ 12,000.00	\$ 70.00	\$ 14,000.00	\$ 70.00 \$ 14,000.00	\$ 105.00 \$	6 21,000.00	\$ 100.00	\$ 20,000.00	\$ 115.00	\$ 23,000.00	\$ 100.00	\$ 20
12 Aggregate Base, 21AA Limestone, 8 inch	Ft	3,149 \$	6 18.00	\$56,682.00	\$ 17.00	\$ 53,533.00	\$ 14.75	\$ 46,447.75	\$ 16.00	\$ 50,384.00	\$ 16.00	\$ 50,384.00	\$ 15.00 \$ 47,235.00	\$ 15.00 \$	47,235.00	\$ 15.50	\$ 48,809.50	\$ 16.47	\$ 51,864.03	\$ 20.00	\$ 62,
13 Aggregate Base, 21AA Limestone, 4 inch	Ft	31 \$	6 15.00	\$465.00	\$ 10.00	\$ 310.00	\$ 16.00	\$ 496.00	\$ 8.00	\$ 248.00	\$ 12.00	\$ 372.00	\$ 24.00 \$ 744.00	\$ 40.00 \$	5 1,240.00	\$ 30.00	\$ 930.00	\$ 20.00	\$ 620.00	\$ 75.00	\$ 2
14 Parking Lot Grading	Ft	7 \$	8,000.00	\$54,400.00	\$ 1,040.00	\$ 7,072.00	\$ 4,350.00	\$ 29,580.00	\$ 3,880.00	\$ 26,384.00	\$ 4,015.00	\$ 27,302.00	\$ 2,684.00 \$ 18,251.20	\$ 3,500.00 \$	3 23,800.00	\$ 1,500.00	\$ 10,200.00	\$ 8,600.00	\$ 58,480.00	\$ 5,300.00	\$ 36
15 Tensar TX5 Geogrid	Cyd	3,149 \$	5.00	\$15,745.00	\$ 9.00	\$ 28,341.00	\$ 8.40	\$ 26,451.60	\$ 7.00	\$ 22,043.00	\$ 8.00	\$ 25,192.00	\$ 4.66 \$ 14,674.34	\$ 8.00 \$	5 25,192.00	\$ 10.00	\$ 31,490.00	\$ 3.00	\$ 9,447.00	\$ 6.00 \$	\$ 18
16 Culv, CI A, CPE, 12 inch	Cyd	39 \$	60.00	\$2,340.00	\$ 310.00	\$ 12,090.00	\$ 62.00	\$ 2,418.00	\$ 50.00	\$ 1,950.00	\$ 95.00	\$ 3,705.00	\$ 40.00 \$ 1,560.00	\$ 70.00 \$	5 2,730.00	\$ 90.00	\$ 3,510.00	\$ 115.00	\$ 4,485.00	\$ 75.00	\$2,
17 Curb Ramp, Conc, 6 inch	Sta	239.00 \$	5 15.00	\$3,585.00	\$ 22.00	\$ 5,258.00	\$ 9.50	\$ 2,270.50	\$ 12.00	\$ 2,868.00	\$ 12.00	\$ 2,868.00	\$ 25.00 \$ 5,975.00	\$ 30.00 \$	5 7,170.00	\$ 12.60	\$ 3,011.40	\$ 29.00	\$ 6,931.00	\$ 33.00 \$	\$7,
18 Detectable Warning Surface	Ft	10 \$	5 70.00	\$700.00	\$ 36.00	\$ 360.00	\$ 70.00	\$ 700.00	\$ 80.00	\$ 800.00	\$ 70.00	\$ 700.00	\$ 100.00 \$ 1,000.00	\$ 120.00 \$	5 1,200.00	\$ 50.00	\$ 500.00	\$ 100.00	\$ 1,000.00	\$ 133.00	\$ 1
19 HMA, 4EML	Syd	359 \$	3 130.00	\$46,670.00	\$ 149.00	\$ 53,491.00	\$ 123.00	\$ 44,157.00	\$ 145.00	\$ 52,055.00	\$ 148.00	\$ 53,132.00	\$ 127.50 \$ 45,772.50	\$ 140.00 \$	50,260.00	\$ 180.50	\$ 64,799.50	\$ 157.44	\$ 56,520.96	\$ 195.00 \$	\$ 70
20 HMA, 5EML	Syd	359 \$	5 150.00	\$53,850.00	\$ 149.00	\$ 53,491.00	\$ 130.00	\$ 46,670.00	\$ 150.00	\$ 53,850.00	\$ 151.00	\$ 54,209.00	\$ 127.50 \$ 45,772.50	\$ 150.00 \$	53,850.00	\$ 189.50	\$ 68,030.50	\$ 151.91	\$ 54,535.69	\$ 195.00	\$ 70
21 Spillway, Conc	Syd	13 \$	85.00	\$1,105.00	\$ 50.00	\$ 650.00	\$ 77.00	\$ 1,001.00	\$ 90.00	\$ 1,170.00	\$ 60.00	\$ 780.00	\$ 93.72 \$ 1,218.36	\$ 170.00 \$	2,210.00	\$ 154.00	\$ 2,002.00	\$ 165.00	\$ 2,145.00	\$ 200.00	\$ 2.
22 Riprap, Plain	Cyd	3 \$	500.00	\$1,500.00	\$ 160.00	\$ 480.00	\$ 330.00	\$ 990.00	\$ 200.00	\$ 600.00	\$ 95.00	\$ 285.00	\$ 350.00 \$ 1,050.00	\$ 100.00 \$	300.00	\$ 250.00	\$ 750.00	\$ 200.00	\$ 600.00	\$ 318.00 \$	\$
23 Permanent Signing	Svd	1 \$	5,000.00	\$5,000.00	\$ 1,090.90	\$ 1,090.90	\$ 1,000.00	\$ 1,000.00	\$ 600.00	\$ 600.00	\$ 1,150.00	\$ 1,150.00	\$ 670.00 \$ 670.00	\$ 5,000.00 \$	5,000.00	\$ 800.00	\$ 800.00	\$ 2,550.00	\$ 2,550.00	\$ 3,000.00	\$ 3,
24 Permanent Pavement Marking	Ton	1 \$	12,000.00	\$12,000.00	\$ 988.00	\$ 988.00	\$ 4,975.00	\$ 4,975.00	\$ 2,165.00	\$ 2,165.00	\$ 4,900.00	\$ 4,900.00	\$ 7,250.00 \$ 7,250.00	\$ 650.00 \$	650.00	\$ 1,750.00	\$ 1,750.00	\$ 2,500.00	\$ 2,500.00	\$ 3,500.00	\$ 3,
25 Maintaining Traffic	Ton	1 \$	5,000.00	\$5,000.00	\$ 1,531.00	\$ 1,531.00	\$ 2,400.00	\$ 2,400.00	\$ 1,500.00	\$ 1,500.00	\$ 700.00	\$ 700.00	\$ 32,000.00 \$ 32,000.00	\$ 8,000.00 \$	8,000.00	\$ 500.00	\$ 500.00	\$ 2,500.00	\$ 2,500.00	\$ 7,500.00	\$ 7,
26 Surface Restoration	Syd	1 \$	15,000.00	\$15,000.00	\$ 2,424.00	\$ 2,424.00	\$ 18,300.00	\$ 18,300.00	\$ 5,000.00	\$ 5,000.00	\$ 22,680.00	\$ 22,680.00	\$ 12,234.00 \$ 12,234.00	\$ 20,000.00 \$	6 20,000.00	\$ 24,000.00	\$ 24,000.00	\$ 10,000.00	\$ 10,000.00	\$ 19,000.00	\$ 19,
Construction Subtotal				\$373,104.60		\$270,115.90		\$278,574.75		\$289,063.00		\$300,703.00	\$309,189.50		\$318,673.00		\$331,629.00		\$363,488.68		\$437
27 Crew Days	Day	40 \$	800.00	\$32,000.00	10	\$ 8,000.00	20	\$ 16,000.00	20	\$ 16,000.00	18	\$ 14,400.00	27 \$ 21,600.00	24 \$	19,200.00	24	\$ 19,200.00	20	\$ 16,000.00	40 5	\$ 32
Total Construction Cost				\$405.104.60		\$278 115 90		\$294.574.75		\$305.063.00		\$315,103,00	\$330,789,50		\$337.873.00		\$350 829 00		\$379.488.68		\$469

indicates corrected entry

## BID

### For

## Lakeshore Park Parking Lot Reconstruction

Bid of TRUE NORTH ASPHALT

hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan,

doing business as <u>A CORPORATION</u>

\*Insert as applicable: "a corporation", "a partnership" or "an individual".

TO THE CITY OF NOVI, MICHIGAN, hereinafter called OWNER:

The undersigned as Bidder hereby declares: that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that the Bidder has read and examined the Advertisement for Bids, Instructions to Bidders, Bid, General Conditions, Supplementary Conditions, Agreement, Forms of Bond, Specifications and Drawings, as prepared by the ENGINEER, and understands all of the same; that the Bidder of its representative has made personal investigation at the sites of the work and has become fully familiar with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and construction equipment necessary for the construction of the Project and performing related work in full accordance with the aforesaid Contract Documents, including any and all Addenda officially issued, their receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
<u>NO. 1</u>	DECEMBER 4, 2023

The Contract will be awarded to the lowest responsive, responsible Bidder based on the unit prices for all Work specified.

The Bidder agrees to complete the Project for the following unit prices:

	BASE BID										
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price						
1	Mobilization (10% Max.)	LSUM	1	\$ 2,500.00	\$ 2,500.00						
2	Pre-Construction Audio Visual	LSUM	1	\$ 3,389.00	\$ 3,389.00						
3	Erosion Control, Silt Fence	Ft	950	\$ 3.00	\$ 2,850.00						
4	HMA Surface, Rem	Syd	2545	\$ 5.00	\$ 12,725.00						
5	Culv, Rem, Less than 24 inch	Ea	1	\$ 1,500.00	\$ 1,500.00						
6	Kiosk, Rem	LSUM	1	\$ 750.00	\$ 750.00						



BASE BID									
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price				
7	Tree and Stump, Rem, 6 inch to 18 inch	Ea	4	\$ 1,500.00	\$ 6,000.00				
8	Clearing	Sft	756	\$ 7.00	\$ 5,292.00				
9	Parking Rail, Salvage and Replace	Ea	30	\$ 64.00	\$1,920.00				
10	Parking Rail, 6 inch Conc	Ea	20	\$ 134.00	\$ 2,680.00				
11	Subgrade Undercutting, Special, 1 x 3	Cyd	200	\$ 47.00	\$ 9,400.00				
12	Aggregate Base, 21AA Limestone, 8 inch	Syd	3149	\$ 17.00	\$ 53,533.00				
13	Aggregate Base, 21AA Limestone, 4 inch	Syd	31	\$ 10.00	\$ 310.00				
14	Parking Lot Grading	Sta	6.8	\$ 1,040.00	\$ 7,072.00				
15	Tensar TX5 Geogrid	Syd	3149	\$ 9.00	\$ 28,341.00				
16	Culv, Cl A, CPE, 12 inch	Ft	39	\$ 310.00	\$ 12,090.00				
17	Curb Ramp, Conc, 6 inch	Sft	239	\$ 22.00	\$ 5,258.00				
18	Detectable Warning Surface	Ft	10	\$ 36.00	\$ 360.00				
19	HMA, 4EML	Ton	359	\$ 149.00	\$ 53,491.00				
20	HMA, 5EML	Ton	359	\$ 149.00	\$ 53,491.00				
21	Spillway, Conc	Ft	13	\$ 50.00	\$ 650.00				
22	Riprap, Plain	Syd	3	\$ 160.00	\$ 480.00				
23	Permanent Signing	LSUM	1	\$ 1,090.90	\$ 1,090.90				
24	Permanent Pavement Marking	LSUM	1	\$ 988.00	\$ 988.00				
25	Maintaining Traffic	LSUM	1	\$ 1,531.00	\$ 1,531.00				
26	Surface Restoration	LSUM	1	\$ 2,424.00	\$ 2,424.00				
27	Crew Day	Day	10	\$800.00	\$ 8,000.00				
	TOTAL	BASE B	ID PRICE:		\$ 278,615.00				

If the foregoing Bid shall be accepted by the OWNER, the undersigned agrees to enter into the attached form of Agreement within ten (10) days after receiving notice of such acceptance, will furnish the OWNER satisfactory bonds and certificates of insurance coverage, and will complete the Project, at the price and within the time stated in this Bid.

The undersigned further agrees that if the foregoing Bid shall be accepted, work will commence immediately after the Contract has been awarded, the Agreement executed, and a Notice to Proceed received.

Substantial Completion shall be by May 24, 2024.

## Final Completion shall be by June 7, 2024.

Substantial completion shall include all work, excepting final surface restoration.



CITY OF NOVI

The undersigned attaches hereto its Bid security, as required by the Advertisement for Bids and Instructions to Bidders. The undersigned agrees that in case it shall fail to fulfill its obligations under the foregoing Bid, and/or shall fail to furnish bonds, as specified, the OWNER may, at its option determine that the undersigned has abandoned its rights and interests in such Contract and that its Bid security accompanying its Bid; has been forfeited to the said OWNER, but otherwise the Bid security shall be returned to the undersigned upon the execution of the Contract and the acceptance of the bonds.

The undersigned also agrees that for each and every calendar day that he may be in default of any of the completion times listed above, the OWNER will suffer a damage of Eight Hundred Dollars (\$800.00) per calendar day, and said OWNER shall be compensated therefore at the rate as liquidated damages in accordance with the Agreement.

In submitting this Bid, it is understood that the right is reserved by the OWNER to accept any bid, to reject any or all Bids, and to waive irregularities in bidding in the interest of the OWNER.

SUBMITTED on: December 18, 2023 Date\* To: City of Novi Attention Finance Department 45175 Ten Mile Road Street\* Novi, Michigan 48357 City, State, ZIP\* 248-347-0465 Telephone Number\* Facsimile Number\* BY: True North Asphalt Name of Bidder\* ignature Nicholas Whitehurst President Name and Title of Signatory\* \*Typed or printed in ink.



CITY OF NOVI