## CITY OF NOVI CITY COUNCIL JUNE 7, 2021



**SUBJECT:** Consideration of approval of Change Order No. 5 to Florence Cement Company for the Cranbrooke Road reconstruction, 9 Mile Road to Village Wood Road, sidewalk addition in the amount of \$104,196.85.

**SUBMITTING DEPARTMENT:** Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 104,196.85
AMOUNT BUDGETED	\$ 1,941,460.00 (FY 2021-22 Budget)
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	203-203.00-865.186

**BACKGROUND INFORMATION:** At the April 12, 2021 City Council meeting, it was recommended by City Council that staff investigate the cost of adding sidewalk to the Cranbrooke Road reconstruction project scheduled for summer of 2021. This segment of Cranbrooke Road currently sees a lot of pedestrians sharing the roadway with vehicles.

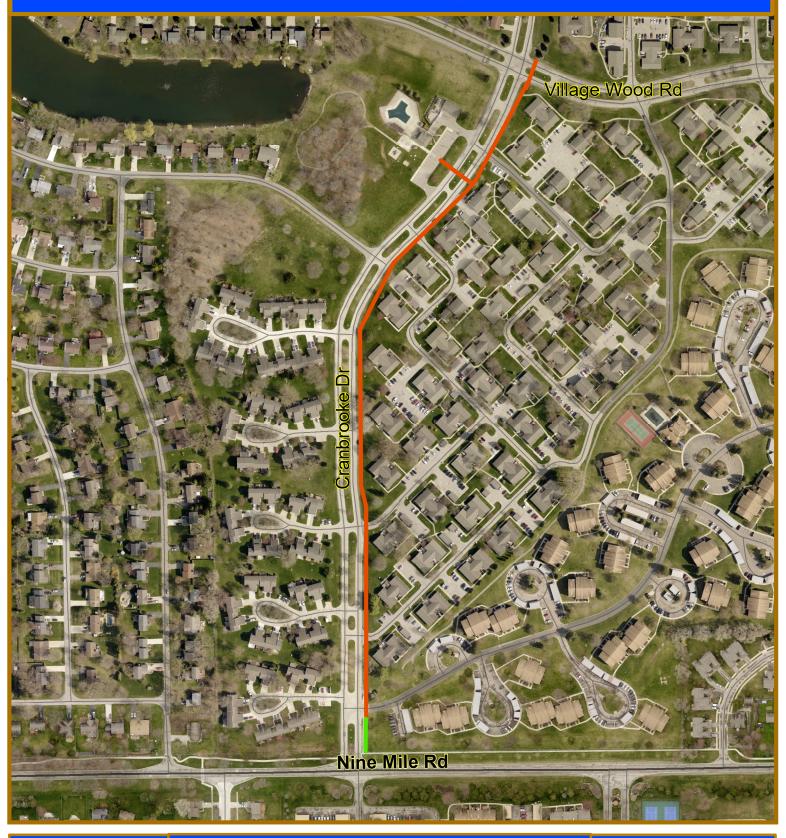
City consultant AECOM provided an estimate and design for the sidewalk. The contractor for the road project, Florence Cement Company, submitted unit prices for a change order to their original contract for the sidewalk, which were lower than AECOM's estimate. Consequently, City staff recommend the sidewalk be added to the road reconstruction project, which is scheduled to start on July 5, 2021.

The contract administration and geotechnical engineering services related to this project change order 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								
Cranbrooke Road Sidewalk	Contract5.5% of the construction contractAdministration(\$104,196.85 x 5.5%)		\$ 5,730.83					
	Crew Days	ys \$700 daily inspection fee x 8 days						
Testing Engineers & Consultants, Inc. (TEC)								
Cranbrooke Road Sidewalk	Material testing services	1.9% of the construction contract (\$104,196.85 x 1.9%)	\$ 1,979.74					

**RECOMMENDED ACTION:** Approval of Change Order No. 5 to Florence Cement Company for the Cranbrooke Road reconstruction, 9 Mile Road to Village Wood Road, sidewalk addition in the amount of \$104,196.85.

## Cranbrooke Drive Sidewalk Location Map



Map Author: Rebecca Runkel Date:5-7-21 Project: Cranbrooke Rd Sidewalk Version #: 1.0

HAP INTERPRETATION NOTICE Map information depicted is not intended to replace or substitute for any official or promary 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 Rovi. Boundary measurements and area calculations are approximate of should not be continued as survey measurements performed by a loansed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Bharger to Proposed Sidewalk Location

Existing Sidewalk Location





City of Novi Engineering Division Department of Public Work 26300 Lee BeGole Drive

<sup>300</sup>



## WORK CHANGE DIRECTIVE & CHANGE ORDER No.

5

PURCHASE ORDER NO. NOVI NO.: 20-2301 96256 CIP NO .: ENG056 **Project:** Cranbrooke Dr Recon (10 to V. W.) AECOM-Great Lakes **Owner:** City of Novi Engineer: 26300 Lee BeGole Dr. 27777 Franklin Road, Suite 2000 Novi, Michigan 48375 Southfield, Michigan 48034 (248) 735-5632 (248) 204-5900 Contractor: Florence Cement Company This document hereby renders changes in the Work, changes in the Contract 51515 Corridor Time and changes in the Contract Price by adding, deducting and/or Shelby Twp., Michigan 48315 (586) 997-2666 balancing individual Contract line items through a signed authorization of the Prime Contractor, Owner, and Engineer. **Drafted Date:** May 26, 2021 **Reasoning:** Addition of sidewalk along the east side of Cranbrooke Rd throughout project limits. Including a crossing at Lakewoode Parkhomes Condo Association. EXISTING CONTRACT ITEMS **Contract Price** Item No Division Item Description Unit Unit Price Quantity Add Deduct 0 "Crew Days" - Roads CD \$700.00 1 "Crew Days" - Drains 0 2 CD \$700.00 "Crew Days" CD \$700.00 0 "Crew Days" CD \$700.00 0 "Crew Days" -CD \$700.00 53 1 Curb and Gutter, Rem Ft \$20.00 48 \$960.00 58 1 Sidewalk, Conc, 6 inch Sft \$10.00 648 \$6,480.00 Detectable Warning Surface Aggregate Base, 21AA Limestone, 6 inch 59 1 Ft \$40.00 114 \$4,560.00 \$12,512.00 \$8.00 1564 60 1 Syd 69 1 Éa \$1,000.00 \$1,000.00 Hydrant, Adjust 1 \$5,000.00 Culv, Rem, Less than 24 inch \$1,000.00 76 2 Ea 5 DPW Structure Cover, Adj, Case 2 \$2,400.00 2 \$300.00 8 93 Ea \$32,912.00 Subtotals \$0.00 \$32,912.00 Total

	NEW CONTRACT ITEMS										
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Item No.	Division	Item Description	Unit	Unit Price	Quantity	Add	<u>Deduct</u>				
94	1	Sidewalk, Conc, 4 inch	Sft	\$5.65	11401	\$64,415.65					
95	1	Curb and Gutter, Conc	Ft	\$40.40	48	\$1,939.20					
96	1	Sign, Salvage, and Replace	Ea	\$150.00	5	\$750.00					
97	1	Sign, Type IIIB	Sft	\$30.00	26	\$780.00					
98	1	Post Steel, 3 Lb	Ft	\$15.00	60	\$900.00					
	1	Pavement Marking, Waterborne, White, 12"	Ft	\$10.00	130	¢300.00					
99	1	Pavement Marking, waterborne, white, 12"				\$1,300.00					
100	1	Dr Structure, Remove	Ea	\$400.00	3	\$1,200.00					
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Increase/Decr							\$104,196.85				
Original Contra	act Amoui	nt					\$2,243,882.95				
Sum of Previou	IS Approv	ed Change Orders					\$0.00				
<b>Revised Contra</b>	act Amou	nt					\$2,348,079.80				
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Prepared By:											
Reviewed By-											
Reviewed By:											
Aaron J. Staup, Construction Engineer											
Ар	Approved By:										
Tracey Marzonie, Purchasing Manager											
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