



CITY OF NOVI CITY COUNCIL
JUNE 1, 2020

SUBJECT: Consideration of approval to award the construction contract for Cranbrooke Drive Reconstruction, 10 Mile Road to Village Wood Road, to Florence Cement Company, the low-bidder, in the amount of \$2,243,882.95.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 1,786,580.95	Roadway
	\$ 457,302.00	Drainage
	\$ 2,243,882.95	Total
AMOUNT BUDGETED	\$ 2,912,850.00	Road Fund (FY 2020-21)
	\$ 564,204.00	Drain Fund (FY 2020-21)
	\$ 3,477,054.00	TOTAL
APPROPRIATION REQUIRED	\$ 0	
LINE ITEM NUMBER	203-203.00-865.219 Roadway	
	210-211.00-865.219 Drainage	

BACKGROUND INFORMATION: Cranbrooke Drive is a north-south residential collector road, which runs from Nine Mile Road to 10 Mile Road. Cranbrooke Drive has been considered for reconstruction for several years due to its deteriorated condition. In fall 2018, Cranbrooke Drive received an average PASER rating of 3 to 4. At this rating, preventative maintenance is no longer effective and reconstruction is necessary. Additionally, several drainage improvements were identified for the project, including replacement of existing storm infrastructure, installation of new infrastructure, and the addition of sump drain connections. The portion of Cranbrooke Drive between 10 Mile Road and Village Wood Road was selected for construction in 2020. The remaining portion between Village Wood Road and Nine Mile Road is currently in design and planned for construction in 2021.

AECOM assisted the Engineering Division with developing the engineering design plans for this project. The plans were advertised for public bids on April 30, 2020.

Twelve (12) bids were received and opened on May 19, 2020 following the solicitation period. Florence Cement Company's bid is recommended in the best interest of the City, as it is responsive and complies with all of the requirements of the bidding instructions. The award recommendation letter, including the bid tabulation of all bidders, is included in the packet.

A summary of the five lowest bids is as follows:

Contractor	Total Program Bid (includes Crew Days)*
Florence Cement Company	\$2,348,882.95
Diponio Contracting	\$2,389,280.00
Fonson Company	\$2,408,318.04
Great Lakes Contracting	\$2,504,141.45
V.I.L. Construction	\$2,513,591.00

***Crew Days are included to compare bids, but not included in the award**

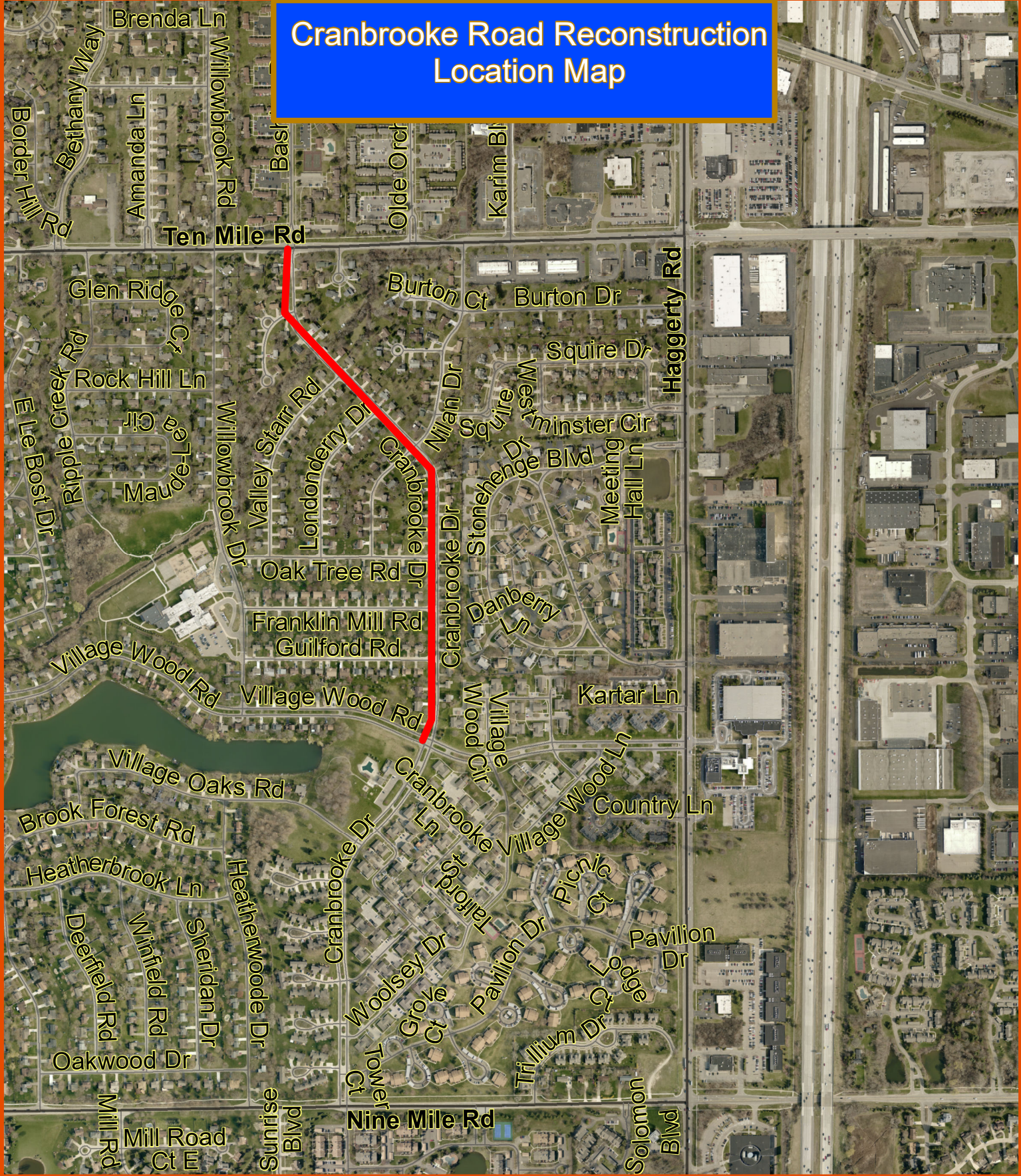
The construction engineering services and geotechnical engineering services related to this project will be awarded to the following pre-qualified firms using the fee percentages in the Agreements for Professional Engineering Services and Geotechnical Engineering Services for Public Projects.

AECOM Great Lakes			
Roadway	Contract Administration	4.75% of the construction award	\$84,862.60
	Crew Days	\$700 daily inspection fee x 114 days	\$79,800.00
Drainage	Contract Administration	4.75% of the construction award	\$21,721.84
	Crew Days	\$700 daily inspection fee x 36 days	\$25,200.00
Professional Services Industries (PSI)			
Roadway	Material testing services	1.9% of the construction award	\$33,945.04
Drainage	Material testing services	1.9% of the construction award	\$8,688.74

Construction will start in July with substantial completion in fall 2020.

RECOMMENDED ACTION: Approval to award the construction contract for Cranbrooke Drive Reconstruction, 10 Mile Road to Village Wood Road, to Florence Cement Company, the low-bidder, in the amount of \$2,243,882.95.

Cranbrooke Road Reconstruction Location Map



Map Author: Rebecca Runkel
Date: 12-4-19
Project: Cranbrooke Rd Recon
Version #: 1.0

Project Limits

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.

				04	03	02	01
				09	10	11	12
18	17	16	15	14	13	12	11
19	20	21	22	23	24	25	26
30	29	28	27	26	25	24	23
31	32	33	34	35	36	37	38



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



1 inch = 781 feet





May 21, 2020
Mr. Ben Croy, PE
City of Novi
Engineering Department
26300 Lee BeGole Drive
Novi, MI 48375

Reference: Bid Analysis and Contract Award Recommendation
Cranbrooke Dr Reconstruction (Village Wood Rd to 10 Mile Rd)
AECOM Project Number 60621326

Dear Mr. Croy:

Attached is the Bid Tabulation for the above referenced project. Twelve bids were received and opened on May 19, 2019. Competition appears to have been very good. Mathematical errors were noted in the third, fourth, sixth, eighth, and tenth highest bidders. The errors did not impact the order of the third and fourth highest bidders, but rearranged the sixth, eighth, and tenth to the tenth, sixth, and ninth highest, respectively. None of the errors impacted the lowest bidder.

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

Florence Cement, Co., the low bidder for the project, has completed similar projects for the city and has performed well. 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 Florence Cement, Co. for \$2,243,882.95. 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,

A handwritten signature in blue ink that reads "Sean Kelsch".

Sean Kelsch, P.E.
Project Manager

cc: Mark Koskinen, AECOM

City of Novi
 Cranbrooke Dr from Village Wood to 10 Mile Rd
 Reconstruction
 Tabulation of Bids
 Bid Opening: 5/19/20

Item No.	Item Description	Unit	Total Bid Quantity	Engineers Estimate		Florence Cement Co.		DiPonio Contracting		Fonson Company		Great Lakes Contracting		V.I.L Construction		Blaze Contracting		Mark Anthony Contracting		Angelo Iafra Construction		Zuniga Cement Construction		Stante Excavating		Toebe Construction		Pamar Enterprises	
				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 Cost	Unit Price	Total Bid Cost	Unit Price	Total Bid Cost	Unit Price	Total Bid Cost
1	Mobilization (10%)	LSUM	1	\$260,232.95	\$260,232.95	\$133,000.00	\$133,000.00	\$105,000.00	\$105,000.00	\$240,000.00	\$240,000.00	\$65,000.00	\$65,000.00	\$225,000.00	\$225,000.00	\$122,600.79	\$122,600.79	\$95,795.56	\$95,795.56	\$272,010.00	\$272,010.00	\$200,000.00	\$200,000.00	\$205,000.00	\$205,000.00	\$290,000.00	\$290,000.00	\$275,000.00	\$275,000.00
2	Pre-Construction Audio-Visual	LSUM	1	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00	\$1,170.00	\$1,170.00	\$1,190.00	\$1,190.00	\$1,500.00	\$1,500.00	\$2,310.00	\$2,310.00	\$1,557.56	\$1,557.56	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$5,488.00	\$5,488.00	\$1,170.00	\$1,170.00	\$2,000.00	\$2,000.00
3	Erosion Control, Silt Fence	Ft	1,500	\$2.00	\$3,000.00	\$2.00	\$3,000.00	\$2.00	\$3,000.00	\$2.71	\$4,065.00	\$4.80	\$7,200.00	\$0.95	\$1,425.00	\$4.54	\$6,810.00	\$2.66	\$3,990.00	\$2.00	\$3,000.00	\$7.50	\$11,250.00	\$4.00	\$6,000.00	\$4.39	\$6,585.00	\$2.00	\$3,000.00
4	Erosion Control, Inlet Protection, Fabric Drop	Ea	55	\$110.00	\$6,050.00	\$100.00	\$5,500.00	\$110.00	\$6,050.00	\$105.00	\$5,775.00	\$135.00	\$7,425.00	\$65.00	\$3,575.00	\$182.76	\$10,051.80	\$86.53	\$4,759.15	\$70.00	\$3,850.00	\$95.00	\$5,225.00	\$250.00	\$13,750.00	\$125.32	\$6,892.60	\$185.00	\$10,175.00
5	Curb and Gutter, Rem	Ft	210	\$11.00	\$2,310.00	\$20.00	\$4,200.00	\$6.00	\$1,260.00	\$9.00	\$1,890.00	\$10.00	\$2,100.00	\$15.00	\$3,150.00	\$7.33	\$1,539.30	\$6.39	\$1,341.90	\$8.00	\$1,680.00	\$8.50	\$1,785.00	\$25.00	\$5,250.00	\$7.25	\$1,522.50	\$12.00	\$2,520.00
6	Pavt, Rem	Syd	17,118	\$13.00	\$222,534.00	\$6.50	\$111,267.00	\$10.00	\$171,180.00	\$4.25	\$72,751.50	\$9.00	\$154,062.00	\$11.00	\$188,298.00	\$10.33	\$176,828.94	\$8.50	\$145,503.00	\$5.00	\$85,590.00	\$8.00	\$136,944.00	\$7.95	\$136,088.10	\$10.82	\$185,216.76	\$5.00	\$85,590.00
7	Roadway Grading	Sia	34	\$1,000.00	\$34,000.00	\$7,000.00	\$238,000.00	\$4,875.00	\$165,750.00	\$5,000.00	\$170,000.00	\$3,990.00	\$135,660.00	\$3,800.00	\$129,200.00	\$4,265.36	\$145,022.24	\$5,287.73	\$179,782.82	\$4,700.00	\$159,800.00	\$4,500.00	\$153,000.00	\$10,500.00	\$357,000.00	\$7,836.00	\$266,424.00	\$7,500.00	\$255,000.00
8	Subgrade Undercutting, Special (1 X 3)	Cyd	1,000	\$45.00	\$45,000.00	\$48.50	\$48,500.00	\$50.00	\$50,000.00	\$56.00	\$56,000.00	\$28.00	\$28,000.00	\$40.00	\$40,000.00	\$63.29	\$63,290.00	\$58.19	\$58,190.00	\$52.00	\$52,000.00	\$45.00	\$45,000.00	\$65.45	\$65,450.00	\$51.57	\$51,570.00	\$44.00	\$44,000.00
9	Aggregate Base, 2 1/2" Limestone, 6 inch	Syd	20,466	\$11.00	\$225,126.00	\$8.00	\$163,728.00	\$11.00	\$225,126.00	\$9.20	\$188,287.20	\$10.50	\$214,893.00	\$9.00	\$184,194.00	\$11.27	\$230,651.82	\$9.33	\$190,847.78	\$10.00	\$204,660.00	\$9.75	\$199,543.50	\$12.50	\$255,825.00	\$12.25	\$250,708.50	\$9.00	\$184,194.00
10	Tensar TX5 Geogrid	Syd	21,224	\$3.00	\$63,672.00	\$3.50	\$74,284.00	\$3.75	\$79,590.00	\$4.00	\$84,896.00	\$5.80	\$118,854.40	\$2.50	\$53,060.00	\$3.35	\$71,100.40	\$4.99	\$105,907.76	\$5.30	\$112,487.20	\$4.25	\$90,202.00	\$6.00	\$127,344.00	\$5.54	\$117,580.96	\$1.00	\$21,224.00
11	Driveway, Nonreinf Conc, 6 inch	Syd	1,035	\$50.00	\$51,750.00	\$52.00	\$53,820.00	\$60.00	\$62,100.00	\$44.00	\$45,540.00	\$45.50	\$47,092.50	\$44.50	\$46,057.50	\$48.40	\$50,094.00	\$50.92	\$52,702.20	\$52.00	\$53,820.00	\$51.00	\$52,785.00	\$45.00	\$46,575.00	\$45.00	\$46,575.00	\$50.00	\$51,750.00
12	Conc Pavt with Integral Curb, Nonreinf, 8 inch	Syd	16,407	\$70.00	\$1,148,490.00	\$48.85	\$801,481.95	\$43.00	\$705,501.00	\$43.00	\$705,501.00	\$53.75	\$881,876.25	\$43.50	\$713,704.50	\$44.80	\$735,033.60	\$46.87	\$768,996.09	\$48.90	\$802,302.30	\$61.00	\$1,000,827.00	\$45.00	\$738,315.00	\$50.00	\$820,350.00	\$72.00	\$1,181,304.00
13	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	6,800	\$12.00	\$81,600.00	\$12.50	\$85,000.00	\$16.25	\$110,500.00	\$17.00	\$115,600.00	\$12.50	\$85,000.00	\$19.00	\$129,200.00	\$14.10	\$95,880.00	\$15.24	\$103,632.00	\$15.00	\$102,000.00	\$16.00	\$108,800.00	\$13.00	\$88,400.00	\$13.99	\$95,132.00	\$9.00	\$61,200.00
14	Underdrain Outlet, 6 inch	Ft	240	\$20.00	\$4,800.00	\$20.00	\$4,800.00	\$16.25	\$3,900.00	\$30.00	\$7,200.00	\$14.50	\$3,480.00	\$15.00	\$3,600.00	\$18.58	\$4,459.20	\$23.79	\$5,709.60	\$15.60	\$3,744.00	\$20.00	\$4,800.00	\$13.60	\$3,264.00	\$13.99	\$3,357.60	\$14.00	\$3,360.00
15	Surface Restoration	Sia	34	\$2,300.00	\$78,200.00	\$1,420.00	\$48,280.00	\$1,115.00	\$37,910.00	\$2,520.00	\$85,680.00	\$900.00	\$30,600.00	\$1,500.00	\$51,000.00	\$9.19	\$312.46	\$1,500.00	\$51,000.00	\$3,000.00	\$9,000.00	\$1,600.00	\$4,800.00	\$4,500.00	\$153,000.00	\$1,225.07	\$41,652.38	\$500.00	\$17,000.00
16	Hydrant, Adjust	Ea	7	\$700.00	\$4,900.00	\$1,000.00	\$7,000.00	\$1,000.00	\$7,000.00	\$1,550.00	\$10,850.00	\$650.00	\$4,550.00	\$750.00	\$5,250.00	\$1,640.45	\$11,483.15	\$1,297.97	\$9,085.79	\$1,200.00	\$8,400.00	\$3,000.00	\$21,000.00	\$961.00	\$6,727.00	\$652.63	\$4,568.41	\$500.00	\$3,500.00
17	Mailbox Bank	LSUM	1	\$5,300.00	\$5,300.00	\$2,000.00	\$2,000.00	\$8,000.00	\$8,000.00	\$3,750.00	\$3,750.00	\$500.00	\$500.00	\$2,500.00	\$2,500.00	\$5,016.34	\$5,016.34	\$6,800.08	\$6,800.08	\$7,200.00	\$7,200.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	\$9,794.47	\$9,794.47	\$800.00	\$800.00
18	Maintaining Traffic	LSUM	1	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$62,241.09	\$62,241.09	\$20,000.00	\$20,000.00	\$195,000.00	\$195,000.00	\$56,231.63	\$56,231.63	\$33,373.27	\$33,373.27	\$45,000.00	\$45,000.00	\$28,000.00	\$28,000.00	\$45,000.00	\$45,000.00	\$43,938.19	\$43,938.19	\$145,000.00	\$145,000.00
19	Permanent Pavement Marking	LSUM	1	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00	\$3,425.00	\$3,425.00	\$2,475.00	\$2,475.00	\$3,500.00	\$3,500.00	\$2,667.50	\$2,667.50	\$3,228.28	\$3,228.28	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$4,000.00	\$4,000.00	\$3,425.00	\$3,425.00	\$2,425.00	\$2,425.00
20	Permanent Signing	LSUM	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$2,314.00	\$2,314.00	\$2,480.00	\$2,480.00	\$3,500.00	\$3,500.00	\$2,545.40	\$2,545.40	\$3,080.51	\$3,080.51	\$6,500.00	\$6,500.00	\$7,000.00	\$7,000.00	\$2,800.00	\$2,800.00	\$3,500.00	\$3,500.00	\$1,972.00	\$1,972.00
	Roadway Subtotal				\$2,271,964.95		\$1,786,580.95		\$1,784,237.00		\$1,819,165.79		\$1,867,518.15		\$1,962,314.00		\$1,844,616.11		\$1,774,695.81		\$1,991,043.50		\$2,137,061.50		\$2,275,276.10		\$2,249,963.37		\$2,351,014.00
21	Dr Structure, Rem	Ea	18	\$400.00	\$7,200.00	\$400.00	\$7,200.00	\$400.00	\$7,200.00	\$580.00	\$10,440.00	\$575.00	\$10,350.00	\$700.00	\$12,600.00	\$569.29	\$10,229.22	\$633.28	\$11,399.04	\$400.00	\$7,200.00	\$400.00	\$7,200.00	\$483.00	\$8,694.00	\$799.32	\$13,307.76	\$400.00	\$7,200.00
22	Sewer, Rem, Less than 24 inch	Ft	740	\$18.00	\$13,320.00	\$15.00	\$11,100.00	\$30.00	\$22,200.00	\$46.00	\$34,040.00	\$15.50	\$11,470.00	\$5.00	\$3,700.00	\$39.11	\$28,941.40	\$30.81	\$22,799.40	\$13.00	\$9,620.00	\$35.00	\$25,900.00	\$17.60	\$13,024.00	\$20.90	\$15,466.00	\$12.00	\$8,880.00
23	Culv, Rem, Less than 24 inch	Ea	1	\$400.00	\$400.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,900.00	\$1,900.00	\$675.00	\$675.00	\$250.00	\$250.00	\$472.07	\$472.07	\$628.79	\$628.79	\$750.00	\$750.00	\$500.00	\$500.00	\$506.00	\$506.00	\$338.29	\$338.29	\$250.00	\$250.00
24	Dr Structure, 24 inch dia	Ea	20	\$1,400.00	\$28,000.00	\$1,600.00	\$32,000.00	\$1,700.00	\$34,000.00	\$1,660.00	\$33,200.00	\$1,950.00	\$39,000.00	\$1,100.00	\$22,000.00	\$699.64	\$13,992.80	\$2,724.48	\$54,489.60	\$2,390.00	\$47,800.00	\$2,100.00	\$42,000.00	\$1,712.00	\$34,240.00	\$1,936.00	\$38,720.00	\$2,250.00	\$45,000.00
25	Dr Structure, 48 inch dia	Ea	38	\$2,000.00	\$76,000.00	\$2,300.00	\$87,400.00	\$1,900.00	\$72,200.00	\$2,020.00	\$76,760.00	\$2,500.00	\$95,000.00	\$2,100.00	\$43,800.00	\$1,102.85	\$41,908.30	\$3,486.49	\$132,486.62	\$3,050.00	\$115,900.00	\$3,000.00	\$114,000.00	\$2,520.00	\$95,760.00	\$2,932.00	\$111,416.00	\$3,000.00	\$114,000.00
26	Dr Structure Cover, Type B	Ea	10	\$600.00	\$6,000.00	\$550.00	\$5,500.00	\$515.00	\$5,150.00	\$550.00	\$5,500.00	\$350.00	\$3,500.00	\$425.00	\$4,250.00	\$615.66	\$6,156.60	\$665.63	\$6,656.30	\$500.00	\$5,000.00	\$310.00	\$3,100.00	\$612.00	\$6,120.00	\$404.93	\$4,049.30	\$350.00	\$3,500.00
27	Dr Structure Cover, Type C	Ea	48	\$750.00	\$36,000.00	\$650.00	\$31,200.00	\$650.00	\$31,200.00	\$725.00	\$34,800.00	\$475.00	\$22,800.00	\$700.00	\$33,600.00	\$838.77	\$40,260.96	\$931.88	\$44,730.24	\$656.00	\$31,488.00	\$450.00	\$21,600.00	\$746.00	\$35,808.00	\$550.74	\$26,435.52	\$500.00	\$24,000.00
28	Sewer, Cl A, Tr Det B, 12 inch	Ft	2,539	\$65.00	\$165,035.00	\$58.00	\$147,262.00	\$60.00	\$152,340.00	\$67.50	\$170,325.00	\$70.00	\$177,300.00	\$77.29	\$196,239.31	\$75.50	\$191,694.50	\$70.00	\$177,300.00	\$97.00	\$246,283.00	\$62.90	\$159,703.10	\$83.21	\$211,270.19	\$89.00	\$225,971.00		
29	Sewer, Cl A, Tr Det B, 15 inch	Ft	99	\$65.00	\$6,435.00	\$85.00	\$8,415.00	\$78.00	\$7,722.00	\$91.00	\$9,009.00	\$74.75	\$7,400.25	\$80.00	\$7,920.00	\$80.00	\$7,920.00	\$99.84	\$9,984.16	\$77.00	\$7,623.00	\$120.00	\$11,880.00	\$73.70	\$7,296.30	\$94.32	\$9,337.68	\$110.00	\$10,890.00
30	Sewer,																												

BID
CRANBROOKE DR. RECONSTRUCTION (VILLAGE WOOD RD. TO 10 MILE RD.)

Bid of FLORENCE CONTRACT COMPANY hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as A CORPORATION.*

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 or its representative has made personal investigation at the site 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>1</u>	<u>MAY 8, 2020</u>
<u>2</u>	<u>MAY 13, 2020</u>
<u>3</u>	<u>MAY 15, 2020</u>
<u>4</u>	<u>MAY 19, 2020</u>
<u>5</u>	<u>MAY 19, 2020</u>

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:

BID

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
1	Mobilization (10%)	LSUM	1	\$ 133,000 ⁰⁰	\$ 133,000 ⁰⁰
2	Pre-Construction Audio-Visual	LSUM	1	\$ 1,000 ⁰⁰	\$ 1,000 ⁰⁰
3	Erosion Control, Silt Fence	Ft	1,500	\$ 2 ⁰⁰	\$ 3,000 ⁰⁰
4	Erosion Control, Inlet Protection, Fabric Drop	Ea	55	\$ 100 ⁰⁰	\$ 5,500 ⁰⁰
5	Curb and Gutter, Rem	Ft	210	\$ 20 ⁰⁰	\$ 4,200 ⁰⁰
6	Pavt, Rem	Syd	17,118	\$ 6 ⁵⁰	\$ 111,267 ⁰⁰
7	Roadway Grading	Sta	34	\$ 7,000 ⁰⁰	\$ 238,000 ⁰⁰
8	Subgrade Undercutting, Special (1 X 3)	Cyd	1,000	\$ 48 ⁵⁰	\$ 48,500 ⁰⁰



CITY OF NOVI
 Rev 3/12/15

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
9	Aggregate Base, 21AA Limestone, 6 inch	Syd	20,466	\$ 8 ⁰⁰	\$ 163,728 ⁰⁰
10	Tensar TX5 Geogrid	Syd	21,224	\$ 3 ⁵⁰	\$ 74,294 ⁰⁰
11	Driveway, Nonreinf Conc, 6 inch	Syd	1,035	\$ 52 ⁰⁰	\$ 53,820 ⁰⁰
12	Conc Pavt with Integral Curb, Nonreinf, 8 inch	Syd	16,407	\$ 48 ⁸⁵	\$ 801,491 ⁹⁵
13	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	6,800	\$ 12 ⁵⁰	\$ 85,000 ⁰⁰
14	Underdrain Outlet, 6 inch	Ft	240	\$ 20 ⁰⁰	\$ 4,800 ⁰⁰
15	Surface Restoration	Sta	34	\$ 1,000 ⁰⁰	\$ 34,000 ⁰⁰
16	Hydrant, Adjust	Ea	7	\$ 1,000 ⁰⁰	\$ 7,000 ⁰⁰
17	Mailbox Bank	LSUM	1	\$ 2,000 ⁰⁰	\$ 2,000 ⁰⁰
18	Maintaining Traffic	LSUM	1	\$ 10,000 ⁰⁰	\$ 10,000 ⁰⁰
19	Permanent Pavement Marking	LSUM	1	\$ 3,500 ⁰⁰	\$ 3,500 ⁰⁰
20	Permanent Signing	LSUM	1	\$ 2,500 ⁰⁰	\$ 2,500 ⁰⁰
21	Dr Structure, Rem	Ea	18	\$ 400 ⁰⁰	\$ 7,200 ⁰⁰
22	Sewer, Rem, Less than 24 inch	Ft	740	\$ 15 ⁰⁰	\$ 11,100 ⁰⁰
23	Culv, Rem, Less than 24 inch	Ea	1	\$ 1,000 ⁰⁰	\$ 1,000 ⁰⁰
24	Dr Structure, 24 inch dia	Ea	20	\$ 1,600 ⁰⁰	\$ 32,000 ⁰⁰
25	Dr Structure, 48 inch dia	Ea	38	\$ 2,300 ⁰⁰	\$ 87,400 ⁰⁰
26	Dr Structure Cover, Type B	Ea	10	\$ 550 ⁰⁰	\$ 5,500 ⁰⁰
27	Dr Structure Cover, Type C	Ea	48	\$ 650 ⁰⁰	\$ 31,200 ⁰⁰
28	Sewer, Cl A, Tr Det B, 12 inch	Ft	2,539	\$ 58 ⁰⁰	\$ 147,262 ⁰⁰
29	Sewer, Cl A, Tr Det B, 15 inch	Ft	99	\$ 85 ⁰⁰	\$ 8,415 ⁰⁰
30	Sewer, Cl A, Tr Det B, 18 inch	Ft	71	\$ 128 ⁰⁰	\$ 9,088 ⁰⁰
31	Dr Structure, Tap, 6 inch	Ea	20	\$ 200 ⁰⁰	\$ 4,000 ⁰⁰
32	Dr Structure, Tap, 12 inch	Ea	9	\$ 400 ⁰⁰	\$ 3,600 ⁰⁰
33	Dr Structure, Tap, 15 inch	Ea	2	\$ 1,000 ⁰⁰	\$ 2,000 ⁰⁰
34	Dr Structure, Tap, 18 inch	Ea	1	\$ 1,400 ⁰⁰	\$ 1,400 ⁰⁰



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Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
			1		
35	Video Taping Sewer and Culv Pipe	Ft	2,937	\$ 1 ⁰⁰	\$ 2,937 ⁰⁰
36	Dr Structure Cover, Adj, Case 1	Ea	6	\$ 300 ⁰⁰	\$ 1,800 ⁰⁰
37	Dr Structure Cover, Adj, Case 2	Ea	9	\$ 300 ⁰⁰	\$ 2,700 ⁰⁰
38	DPS Structure Cover, Adj, Case 1	Ea	2	\$ 300 ⁰⁰	\$ 600 ⁰⁰
39	DPS Structure Cover, Adj, Case 2	Ea	21	\$ 300 ⁰⁰	\$ 6,300 ⁰⁰
40	Sump Drain	Ft	6000	\$ 12 ⁵⁰	\$ 75,000 ⁰⁰
41	Sump Drain Tie-In	Ea	48	\$ 350 ⁰⁰	\$ 16,800 ⁰⁰
42	Crew Days	Day	150	\$700.00	\$ 105,000 ⁰⁰
TOTAL BID:					\$ 2,348,882 ⁹⁵

Bidders must provide unit prices for all items and a quantity for the Crew Day Item.

The City's intent is to award to the lowest responsible bidder. Funding for the project is limited and the City may elect to eliminate roadways from the contract, reduce the length of roadways included in the project, or potentially add roadways with similar work to the project in order to match the available budget.

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.

No work can begin until July 6, 2020.

Substantial Completion shall be no later than October 20, 2020.

Final Completion shall be no later than November 15, 2020.

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.



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(\$1500.00) per 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 MAY 19, 2020
Date*

51515 CORRIDOR
Street*

SHELBY TWP, MI 48315
City, State, ZIP*

586.997.2666
Telephone Number*

586.997.3966
Facsimile Number*

BY: FLORENCE CONCRETE COMPANY
Name of Bidder*

[Signature]
Signature

ANGELO J. LAMMI PRESIDENT
Name and Title of Signatory*

*Typed or printed in ink.

