



MEMORANDUM

REGULAR CITY COUNCIL MEETING

November 7, 2022 at 7:00 PM

TO: City Council

FROM: Rich LaBombard, City Manager

DATE: November 7, 2022

SUBJECT: 2021 Road and Drainage Improvements – Change Order #1

The City is closing out the Michigan Paving and Materials Company project for 2021 Road and Drainage Improvements. Due to delays in material delivery and therefore a delayed project start, the City has negotiated a reduction in the contract price per the terms of the contract. The original contract price for the work was \$578,378.25; however, the final contract price incorporating the change order is \$505,003.52, which results in a decrease of \$73,374.73. This reduction in contract price in no way reflects poorly on the quality of work performed by Michigan Paving and Materials Company. However, costs reductions for delays are built into the agreed upon contract language and therefore, the City was able to negotiate a reduced price.

The 2021 Road and Drainage Improvement project was funded by City Council for the following projects:

- Install curbing on Water Street hill to reduce erosion
- Blue Star Highway/Center Street Intersection Sinkhole Repair
- Intersection Improvements at Blue Star Highway and Union Street
- Resurface Blue Star Highway – Center to Washington Street
- Resurface Chestnut Street - Blue Star Highway to North Water Street
- Resurface Main Street – South Street to Blue Star Highway
- Resurface Randolph Street – Blue Star Highway to Ellis
- Resurface St. Peters Drive – Blue Star Highway to Dead End
- Resurface Westshore Street – Hamilton Street to St. Peters Drive

Per the City's Purchases, Contract & Bidding Ordinance, change orders resulting in an increase or decrease in the cost of a contract by a total of \$10,000 or more or the time of completion by a total of thirty days or more shall be effective only after prior approval of the City Council, and a finding that the circumstances said to necessitate the change in performance was not reasonably foreseeable at the time the contract was made or the change is germane to the original contract as signed, or the change is in the best interests of the City and authorized by law.

Sample Motion: I recommend City Council approve Michigan Paving and Materials Company's Change Order #1 resulting in a cost reduction of \$73,374.73 for the 2021 Road and Drainage Improvement Project.

COPY

CHANGE ORDER NO.: 1

Owner: City of the Village of Douglas Owner's Project No.:
Engineer: Prein&Newhof Engineer's Project No.: 2200598
Contractor: Michigan Paving & Materials Co. Contractor's Project No.:
Project: 2021 Road & Drainage Improvements
Contract Name:
Date Issued: 10/27/2022 Effective Date of Change Order: 10/27/2022
The Contract is modified as follows upon execution of this Change Order:

Description:

Change in Contract Completion Date.
Change in unit price.

Attachments:

See Attached Detail Sheet

Change in Contract Price	Change in Contract Times
Original Contract Price:	Original Contract Times:
\$ 578,378.25	Substantial Completion: 1-Nov-21
	Ready for final payment: 1-Nov-21
[(Increase)] [(Decrease)] from previously approved Change Orders No. 1 to No. [(Number of previous Change Order)] :	[(Increase)] [(Decrease)] from previously approved Change Orders No. 1 to No. [(Number of previous Change Order)] :
\$ 0.00	Substantial Completion:
	Ready for final payment:
Contract Price prior to this Change Order:	Contract Times prior to this Change Order:
\$ 578,378.25	Substantial Completion: 1-Nov-21
	Ready for final payment: 1-Nov-21
[(Increase)] [(Decrease)] this Change Order:	[(Increase)] [(Decrease)] this Change Order:
\$ -73,374.73	Substantial Completion: 9-May-22
	Ready for final payment: 9-May-22
Contract Price incorporating this Change Order:	Contract Times with all approved Change Orders:
\$ 505,003.52	Substantial Completion: 9-May-22
	Ready for final payment: 9-May-22

Recommended by Engineer (if required)
By: *Kenneth A. Jensen*
Title: Project Engineer
Date: October 27, 2022

Authorized by Owner
By: *Rich LaBombard*
Title: CITY MANAGER
Date: 10-31-22

Accepted by Contractor
By: *Chad Wilson*
Title: Area Manager
Date: 10/27/22

Approved by Funding Agency (if applicable)
By: _____
Title: _____
Date: _____

Change Order No. 1

For (contract): 2021 Road & Drainage Improvements	Project Number: 2200598
City of Douglas	Application Date: October 27, 2022

Section 1: Balance Base Quantities

Item No.	Description	BID				INSTALLED		DIFFERENCE	
		Quantity	Unit	Unit Price	Total Amount	Total Quantity	Total Paid to Date	Quantity	Total Amount
1	Cold Mill, 1.5"	11,800.00	Syd	\$1.04	\$12,272.00	11,645.11	\$12,110.92	-154.89	-\$161.08
2	Cold Mill, 2"	8,300.00	Syd	\$1.33	\$11,039.00	8,246.33	\$10,967.62	-53.67	-\$71.38
3	Cold Mill, Full Depth	7,100.00	Syd	\$1.40	\$9,940.00	6,166.56	\$8,633.18	-933.44	-\$1,306.82
4	Pavement Removal	180.00	Syd	\$18.00	\$3,240.00	276.00	\$4,968.00	96.00	\$1,728.00
5	Casting, Adjust	28.00	Ea	\$750.00	\$21,000.00	9.00	\$6,750.00	-19.00	-\$14,250.00
6	Casting, Replace	1.00	Ea	\$700.00	\$700.00	0.00	\$0.00	-1.00	-\$700.00
7	Valve Box, Adjust	10.00	Ea	\$400.00	\$4,000.00	6.00	\$2,400.00	-4.00	-\$1,600.00
8	6" Aggregate Base, CIP	140.00	Syd	\$16.00	\$2,240.00	245.00	\$3,920.00	105.00	\$1,680.00
9	8" Aggregate Base, CIP	100.00	Syd	\$21.00	\$2,100.00	75.00	\$1,575.00	-25.00	-\$525.00
10	HMA, 13A	3,500.00	Ton	\$96.51	\$337,785.00	3,495.00	\$337,302.45	-5.00	-\$482.55
11	Hand Patching	55.00	Ton	\$200.00	\$11,000.00	55.00	\$11,000.00	0.00	\$0.00
12	Bituminous Spillway	3.00	Ea	\$1,500.00	\$4,500.00	1.00	\$1,500.00	-2.00	-\$3,000.00
13	Riprap	50.00	Syd	\$75.00	\$3,750.00	10.00	\$750.00	-40.00	-\$3,000.00
14	Geotextile Fabric	20.00	Syd	\$8.00	\$160.00	20.00	\$160.00	0.00	\$0.00
15	Slope Protection Mat, NAG C125	40.00	Syd	\$13.00	\$520.00	40.00	\$520.00	0.00	\$0.00
16	Slope Protection Mat, NAG SC150	50.00	Syd	\$14.00	\$700.00	0.00	\$0.00	-50.00	-\$700.00
17	Class III Embankment	60.00	Cyd	\$26.00	\$1,560.00	0.00	\$0.00	-60.00	-\$1,560.00

Item No.	Description	BID				INSTALLED		DIFFERENCE	
		Quantity	Unit	Unit Price	Total Amount	Total Quantity	Total Paid to Date	Quantity	Total Amount
18	Storm Sewer Spot Repair	1.00	Lsum	\$17,000.00	\$17,000.00	1.00	\$17,000.00	0.00	\$0.00
19	Curb and Gutter, Rem	200.00	Ft	\$18.00	\$3,600.00	187.00	\$3,366.00	-13.00	-\$234.00
20	Curb and Gutter, Conc, DET F4	170.00	Ft	\$22.00	\$3,740.00	137.00	\$3,014.00	-33.00	-\$726.00
21	Curb Ramp Opening, Conc	30.00	Ft	\$22.00	\$660.00	27.00	\$594.00	-3.00	-\$66.00
22	Driveway, Conc	350.00	Sft	\$7.45	\$2,607.50	283.00	\$2,108.35	-67.00	-\$499.15
23	Sidewalk Ramp, Conc, 6 Inch	150.00	Sft	\$10.75	\$1,612.50	87.00	\$935.25	-63.00	-\$677.25
24	Sidewalk, Conc, 4 Inch	290.00	Sft	\$5.25	\$1,522.50	265.00	\$1,391.25	-25.00	-\$131.25
25	Detectable Warning Surface	31.00	Ft	\$29.50	\$914.50	15.00	\$442.50	-16.00	-\$472.00
26	Sidewalk Grading	70.00	Ft	\$32.00	\$2,240.00	58.00	\$1,856.00	-12.00	-\$384.00
27	Roadway Grading	370.00	Ft	\$12.00	\$4,440.00	82.00	\$984.00	-288.00	-\$3,456.00
28	Guardrail, Type B	80.00	Ft	\$31.00	\$2,480.00	100.00	\$3,100.00	20.00	\$620.00
29	Guardrail, Curved, Type B	90.00	Ft	\$40.00	\$3,600.00	37.50	\$1,500.00	-52.50	-\$2,100.00
30	Guardrail Approach Terminal, Type 2B	2.00	Ea	\$3,300.00	\$6,600.00	2.00	\$6,600.00	0.00	\$0.00
31	Guardrail Departing Terminal, Type B	2.00	Ea	\$1,100.00	\$2,200.00	2.00	\$2,200.00	0.00	\$0.00
32	Guardrail Reflector	16.00	Ea	\$6.00	\$96.00	10.00	\$60.00	-6.00	-\$36.00
33	Guardrail, Salv	20.00	Ft	\$6.00	\$120.00	0.00	\$0.00	-20.00	-\$120.00
34	Guardrail, Rem	310.00	Ft	\$6.00	\$1,860.00	305.00	\$1,830.00	-5.00	-\$30.00
35	Pavt Mrkg, 6 Inch Yellow	13,370.00	Ft	\$0.15	\$2,005.50	12,727.00	\$1,909.05	-643.00	-\$96.45
36	Pavt Mrkg, 6 Inch White	3,000.00	Ft	\$0.15	\$450.00	2,897.00	\$434.55	-103.00	-\$15.45
37	Pavt Mrkg, 6 Inch Blue	25.00	Ft	\$1.95	\$48.75	12.00	\$23.40	-13.00	-\$25.35
38	Pavt Mrkg, 12 Inch Yellow	400.00	Ft	\$3.00	\$1,200.00	0.00	\$0.00	-400.00	-\$1,200.00
39	Pavt Mrkg, 12 Inch White	700.00	Ft	\$3.00	\$2,100.00	1,191.00	\$3,573.00	491.00	\$1,473.00

Item No.	Description	BID				INSTALLED		DIFFERENCE	
		Quantity	Unit	Unit Price	Total Amount	Total Quantity	Total Paid to Date	Quantity	Total Amount
40	Pavt Mrkg, 24 Inch Stop Bar	400.00	Ft	\$6.00	\$2,400.00	289.00	\$1,734.00	-111.00	-\$666.00
41	Pavt Mrkg, Methyl, Green	2,700.00	Sft	\$8.50	\$22,950.00	2,046.00	\$17,391.00	-654.00	-\$5,559.00
42	Pavt Mrkg, Handicap Sym Blue	1.00	Ea	\$50.00	\$50.00	1.00	\$50.00	0.00	\$0.00
43	Pavt Mrkg, Cycle Arrow	2.00	Ea	\$75.00	\$150.00	0.00	\$0.00	-2.00	-\$150.00
44	Pavt Mrkg, Bicycle	2.00	Ea	\$75.00	\$150.00	0.00	\$0.00	-2.00	-\$150.00
45	Pavt Mrkg, L-Turn Arrow	4.00	Ea	\$75.00	\$300.00	5.00	\$375.00	1.00	\$75.00
46	Pavt Mrkg, R-Turn & Thru Arrow	1.00	Ea	\$100.00	\$100.00	1.00	\$100.00	0.00	\$0.00
47	Pavt Mrkg, ONLY	4.00	Ea	\$75.00	\$300.00	0.00	\$0.00	-4.00	-\$300.00
48	Sign, Relocate	1.00	Ea	\$500.00	\$500.00	0.00	\$0.00	-1.00	-\$500.00
49	Restoration - Water Street	1.00	Lsum	\$6,000.00	\$6,000.00	1.00	\$6,000.00	0.00	\$0.00
50	Restoration - Road Resurfacing	1.00	Lsum	\$8,000.00	\$8,000.00	1.00	\$8,000.00	0.00	\$0.00
51	Traffic Control - Water Street	1.00	Lsum	\$8,000.00	\$8,000.00	1.00	\$8,000.00	0.00	\$0.00
52	Traffic Control - Blue Star Highway	1.00	Lsum	\$8,425.00	\$8,425.00	1.00	\$8,425.00	0.00	\$0.00
53	Traffic Control - Road Resurfacing	1.00	Lsum	\$33,450.00	\$33,450.00	1.00	\$33,450.00	0.00	\$0.00
Total Section 1					\$578,378.25	\$539,003.52		-\$39,374.73	

Section 2: Miscellaneous Extras

	Description	Quantity	Unit	Unit Price	Total Amount
E1	Spring Completion Credit	1	Lsum	-35000.00	-\$35,000.00
E2	Bollard Removal	2	Ea	500.00	\$1,000.00
E3					
E4					
Total Section 2					-\$34,000.00

Item No.	BID					INSTALLED		DIFFERENCE	
	Description	Quantity	Unit	Unit Price	Total Amount	Total Quantity	Total Paid to Date	Quantity	Total Amount

TOTAL CHANGE ORDER NO. 1

-\$73,374.73