

CITY OF ANN ARBOR
ENGINEERING
CHANGE ORDER FOR CONSTRUCTION CONTRACT

Date: 06/30/21 Encumbrance Order No. _____ Change Order No. 1

File: 2021-004 Contractor: Cadillac Asphalt LLC

Contract Name: 2021 Street Resurfacing Project

Project Acct. No.: 0062-040-9623-7017-5190

Pay Item No.	Description of Change	Quantity	Unit	Unit Price	Addition (Deduction)
NEW / EXTRA / MODIFIED ORIGINAL CONTRACT ITEM(S)					
1500001	Mobilization, Max \$6,500.00 (N Maple Rd)	1.000	LS	\$ 6,500.00	\$ 6,500.00
2030011	Dr Structure, Rem (N Maple Rd)	6.000	Ea	\$ 599.00	\$ 3,594.00
2030015	Sewer, Rem, Less than 24 inch (N Maple Rd)	45.000	Ft	\$ 46.25	\$ 2,081.25
2040005	Pavt, Rem (Jackson Ave)	740.000	Syd	\$ 27.00	\$ 19,980.00
2047001	_Curb, Gutter, and Curb and Gutter, Any Type, Rem (N Maple Rd)	1,700.000	Ft	\$ 7.00	\$ 11,900.00
2047001	_Exploratory Excavation, Vertical (N Maple Rd & Jackson Ave)	10.000	Ft	\$ 175.00	\$ 1,750.00
2047011	_Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem (N Maple Rd)	73.000	Syd	\$ 16.50	\$ 1,204.50
2057011	_Grading, Driveway Approach (N Maple Rd)	35.000	Syd	\$ 14.25	\$ 498.75
2057011	_Grading, Sidewalk (N Maple Rd)	20.000	Syd	\$ 24.50	\$ 490.00
2057011	_Grading, Sidewalk Ramp (N Maple Rd)	10.000	Syd	\$ 49.00	\$ 490.00
2057011	_Machine Grading, Special (N Maple Rd & Jackson Ave)	7,600.000	Syd	\$ 17.50	\$ 133,000.00
2057021	_Undercutting, Type IIA (N Maple Rd & Jackson Ave)	1,270.000	Cyd	\$ 75.00	\$ 95,250.00
2087050	Erosion Control, Inlet Protection, Fabric Drop (N Maple Rd & Jackson Ave)	8.000	Ea	\$ 225.00	\$ 1,800.00
3027011	_Aggregate Base, 8 inch, Modified (N Maple Rd & Jackson Ave)	7,600.000	Syd	\$ 14.75	\$ 112,100.00
3080010	Geotextile, Stabilization (N Maple Rd & Jackson Ave)	380.000	Syd	\$ 5.50	\$ 2,090.00
3087011	_Structural Geogrid, Base (N Maple Rd & Jackson Ave)	380.000	Syd	\$ 6.25	\$ 2,375.00
4047001	_Underdrain, Subgrade, 6 inch, Special (N Maple Rd)	450.000	Ft	\$ 23.50	\$ 10,575.00
5010002	Cold Milling HMA Surface (N Maple Rd)	3,040.000	Syd	\$ 10.00	\$ 30,400.00
5010002	_Cold Milling for Concrete Curb and Gutter Reveal (N Maple Rd)	28.000	Syd	\$ 41.00	\$ 1,148.00
5010005	HMA Surface, Rem (N Maple Rd)	4,560.000	Syd	\$ 11.00	\$ 50,160.00
5010031	HMA, 3E1 (N Maple Rd)	920.000	Ton	\$ 100.00	\$ 92,000.00
5010050	HMA, 4E1 (N Maple Rd)	920.000	Ton	\$ 120.00	\$ 110,400.00
5010056	HMA, 5E1 (N Maple Rd)	920.000	Ton	\$ 110.00	\$ 101,200.00
5010057	HMA, 5E3 (Jackson Ave)	90.000	Ton	\$ 110.00	\$ 9,900.00
6020021	Conc Base Cse, Nonreinf, 9 inch (Jackson Ave)	740.000	Syd	\$ 88.60	\$ 65,564.00
8027001	_Curb and Gutter, Conc, Barrier or Mountable, Slip Form (N Maple Rd)	1,655.000	Ft	\$ 24.80	\$ 41,044.00
8110091	Pavt Mrkg, Polyurea, 4 inch, White (N Maple Rd & Jackson Ave)	1,025.000	Ft	\$ 2.00	\$ 2,050.00
8117050	_Pavt Mrkg, Thermopl, Lt Turn Arrow Sym (N Maple Rd)	4.000	Ea	\$ 195.00	\$ 780.00
8117050	_Pavt Mrkg, Thermopl, Only (N Maple Rd)	3.000	Ea	\$ 195.00	\$ 585.00
8117050	_Pavt Mrkg, Thermopl, Rt Turn Arrow Sym (N Maple Rd)	2.000	Ea	\$ 195.00	\$ 390.00
8120200	Pavt Mrkg Cover, Type R, Black (N Maple Rd & Jackson Ave)	500.000	Ft	\$ 2.05	\$ 1,025.00
8120210	Pavt Mrkg, Longit, 6 inch or Less Width, Rem (N Maple Rd & Jackson Ave)	1,500.000	Ft	\$ 0.80	\$ 1,200.00
8120235	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp (N Maple Rd & Jackson Ave)	850.000	Ft	\$ 0.65	\$ 552.50
8120236	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp (N Maple Rd & Jackson Ave)	1,700.000	Ft	\$ 0.65	\$ 1,105.00
8120245	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp (N Maple Rd & Jackson Ave)	1,500.000	Ft	\$ 1.85	\$ 2,775.00
8120246	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp (N Maple Rd & Jackson Ave)	1,500.000	Ft	\$ 1.85	\$ 2,775.00
8120265	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar (N Maple Rd & Jackson Ave)	48.000	Ft	\$ 13.75	\$ 660.00
8120370	Traf Regulator Control (N Maple Rd & Jackson Ave)	1.000	LS	\$ 2,500.00	\$ 2,500.00
Sub-total of above changes					\$ 923,892.00
REVISED CONTRACT ITEM(S)					
4020987	Sewer, CI IV, 12 inch, Tr Det B	45.000	Ft	\$ 100.00	\$ 4,500.00
4030200	Dr Structure, 24 inch dia	6.000	Ea	\$ 3,850.00	\$ 23,100.00
4030210	Dr Structure, 48 inch dia	2.000	Ea	\$ 4,700.00	\$ 9,400.00
4030280	Dr Structure, Adj, Add Depth	5.000	Ft	\$ 400.00	\$ 2,000.00
4030306	Dr Structure, Tap, 6 inch	6.000	Ea	\$ 250.00	\$ 1,500.00
4037050	_Dr Structure Cover, Special	4.000	Ea	\$ 750.00	\$ 3,000.00
4037050	_Dr Structure Cover, Type B, Modified	8.000	Ea	\$ 750.00	\$ 6,000.00
4037050	_Dr Structure Cover, Type K, Modified	6.000	Ea	\$ 750.00	\$ 4,500.00
4037050	_Dr Structure, Adj, Case 1, Modified	9.000	Ea	\$ 775.00	\$ 6,975.00
4037050	_Dr Structure, Adj, Case 2, Modified	3.000	Ea	\$ 775.00	\$ 2,325.00
4037050	_Dr Structure, Temp Lowering, Modified	21.000	Ea	\$ 550.00	\$ 11,550.00

Pay Item No.	Description of Change	Quantity	Unit	Unit Price	Addition (Deduction)
4037050	_Structure, Reconstruct	4.000	Ea	\$ 2,000.00	\$ 8,000.00
5010051	HMA, 4E3	210.000	Ton	\$ 120.00	\$ 25,200.00
8017011	_Driveway, Nonreinf Conc, 8 inch, Modified	35.000	Syd	\$ 121.25	\$ 4,243.75
8027001	_Driveway Opening, Conc, Det M, Modified	45.000	Ft	\$ 45.55	\$ 2,049.75
8030030	Curb Ramp Opening, Conc	15.000	Ft	\$ 44.95	\$ 674.25
8037001	_Detectable Warning Surface, Modified	10.000	Ft	\$ 32.00	\$ 320.00
8037010	_Sidewalk Ramp, Conc, 6 inch, Modified	90.000	Sft	\$ 13.45	\$ 1,210.50
8037010	_Sidewalk, Conc, 6 inch, Modified	180.000	Sft	\$ 13.45	\$ 2,421.00
8110092	Pavt Mrkg, Polyurea, 4 inch, Yellow	1,870.000	Ft	\$ 2.00	\$ 3,740.00
8110214	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	400.000	Ft	\$ 5.95	\$ 2,380.00
8110218	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	85.000	Ft	\$ 12.95	\$ 1,100.75
8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	20.000	Ea	\$ 85.00	\$ 1,700.00
8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	20.000	Ea	\$ 85.00	\$ 1,700.00
8120035	Channelizing Device, 42 inch, Fluorescent, Furn	150.000	Ea	\$ 25.00	\$ 3,750.00
8120036	Channelizing Device, 42 inch, Fluorescent, Oper	150.000	Ea	\$ 25.00	\$ 3,750.00
8120140	Lighted Arrow, Type C, Furn	4.000	Ea	\$ 600.00	\$ 2,400.00
8120141	Lighted Arrow, Type C, Oper	4.000	Ea	\$ 200.00	\$ 800.00
8120252	Plastic Drum, Fluorescent, Furn	200.000	Ea	\$ 30.00	\$ 6,000.00
8120253	Plastic Drum, Fluorescent, Oper	200.000	Ea	\$ 30.00	\$ 6,000.00
8120310	Sign Cover	10.000	Ea	\$ 35.00	\$ 350.00
8120330	Sign, Portable, Changeable Message, Furn	4.000	Ea	\$ 4,800.00	\$ 19,200.00
8120331	Sign, Portable, Changeable Message, Oper	4.000	Ea	\$ 1,000.00	\$ 4,000.00
8120350	Sign, Type B, Temp, Prismatic, Furn	250.000	Sft	\$ 5.00	\$ 1,250.00
8120351	Sign, Type B, Temp, Prismatic, Oper	250.000	Sft	\$ 1.00	\$ 250.00
8120352	Sign, Type B, Temp, Prismatic, Special, Furn	100.000	Sft	\$ 10.00	\$ 1,000.00
8120353	Sign, Type B, Temp, Prismatic, Special, Oper	100.000	Sft	\$ 1.00	\$ 100.00
8127050	_Pedestrian Type II Barricade, Temp	10.000	Ea	\$ 150.00	\$ 1,500.00
8127050	_Pedestrian Type II Channelizer, Temp	10.000	Ea	\$ 150.00	\$ 1,500.00
8167011	_Slope Restoration	560.000	Syd	\$ 10.00	\$ 5,600.00
8217050	_Monument Box, Adj	1.000	Ea	\$ 650.00	\$ 650.00
8230431	Gate Box, Adj, Case 1	8.000	Ea	\$ 650.00	\$ 5,200.00
Sub-total of above changes					\$ 192,890.00
Net Addition (Deduction) this Change Order					\$ 1,116,782.00
Contract amount +/- Change Order Nos. <u>0</u> to <u>1</u>					\$ 6,275,000.00
NEW TOTAL CONTRACT AMOUNT					\$ 7,391,782.00

Time of Completion: X No Change; Add ___ days; Deduct ___ days.

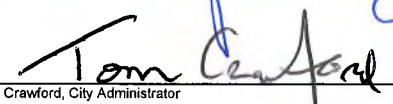
Prepared by: David Arthur Dykman David Arthur Dykman
David Dykman, P.E., Project Manager Jun 30 2021 12:02 PM Date: _____

The Contractor agrees to the changes and prices outlined in this change order.

Accepted by: Kyle Toteff Kyle Toteff
Contractor: Cadillac Asphalt, LLC Jun 30 2021 12:26 PM Date: _____
Contractor Title

Submitted by: David Arthur Dykman David Arthur Dykman
David Dykman for Nicholas Hutchinson, P.E., City Engineer Jun 30 2021 12:30 PM Date: _____

Reviewed by:  Craig Hupy, P.E., Public Services Area Administrator Date: 6/30/21

Approved by:  Tom Crawford, City Administrator Date: 6/30/21

Note: This change order addresses costs being borne by the project to perform emergency work activities to fully restore Jackson Avenue and N Maple Road as a result of a water main break. This contract was used to support these initiatives because: a) it allowed for a more rapid deployment since a contractor was already under contract with the City through a competitive bid; and b) it was a unit-price contract and structured in a manner to easily adjust for these activities as many of the necessary work items were the same or similar to those included in the contract.