



**CITY OF NOVI CITY COUNCIL
NOVEMBER 14, 2022**

SUBJECT: Consideration of Approval of Change Order No. 12 to the Crescent Boulevard Extension (NW Ring Road) & Industrial Spur contract with Toebe Construction, Inc., for the Bond Street – Phase 2 construction project in the amount of \$1,159,186.00.

SUBMITTING DEPARTMENT: Department of Public Works – Engineering Division

EXPENDITURE REQUIRED	\$ 531,808.01 Roads & Sidewalk \$ 398,697.88 Drains \$ <u>228,680.11 Water Main</u> \$ 1,159,186.00 Total
AMOUNT BUDGETED	\$ 956,336.00 Roads & Sidewalk \$ 484,222.00 Drains \$ <u>283,363.00 Water Main</u> \$ 1,723,921.00 Total
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	203-203.00-865.270 Roads & Sidewalk 210-211.00-865.270 Drains 592-592.00-976.116 Water Main

BACKGROUND INFORMATION:

In the summer of 2019, the City contracted with Toebe Construction, Inc. for the Crescent Boulevard Extension and Industrial Spur and Fonson Company, Inc. for the Flint/Bond Street – Phase 1 construction (see attached location map for Flint/Bond, phases 1 and 2).

Due to the pandemic and delays with utility relocation, the Crescent Boulevard construction took much longer than anticipated. Whereby, the Fonson contract was

completed and closed-out within normal construction time frames. Since Toebe's contract is currently open, staff can execute a change order with existing unit prices to handle the Bond Street – Phase 2 work. A majority of the work items are the same between the two projects and Toebe was willing to hold lower 2019 prices for several items. Toebe's experience and knowledge on the ring road is an ideal transition to complete the project.

In order to finish Bond Street, out to Grand River Avenue (or Phase 2), approximately half of the new roadway would pass through private property owned by George Keros. After several negotiations with Mr. Keros, an agreement was finally reached to essentially "swap" a portion of his property for a remainder of the recently City-acquired "Lee BeGole" property. In the agreement, Mr. Keros had several conditions which involved eventual Site Plan approval of his project planned for this new parcel (Parcel ID 50-22-15-477-011) and the completion and approval of a new Letter of Map Revision (LOMR) from the Federal Emergency Management Agency (FEMA) for the reformed floodway/floodplain areas. As of just recently, FEMA issued their formal approval of the changes.

The contract administration and geotechnical engineering services related to these project additions 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-Great Lakes			
Roads & Sidewalk	Contract Administration	5.50% of the Change Order value (\$531,808 X 0.055)	\$ 29,249.44
	Crew Days	\$800 daily inspection fee x 30 days	\$ 24,000.00
Drains	Contract Administration	5.50% of the Change Order value (\$398,698 X 0.055)	\$ 21,928.39
	Crew Days	\$800 daily inspection fee x 15 days	\$ 12,000.00
Water Main	Contract Administration	5.50% of the Change Order value (\$228,680 X 0.055)	\$ 12,577.40
	Crew Days	\$800 daily inspection fee x 15 days	\$ 12,000.00
Testing Engineers & Consultants, Inc. (TEC)			
Roads & Sidewalk	Material testing services	1.9% of the Change Order value (\$531,808 X 0.019)	\$ 10,104.35
Drains	Material testing services	1.9% of the Change Order value (\$398,698 X 0.019)	\$ 7,575.26
Water Main	Material testing services	1.9% of the Change Order value (\$228,680 X 0.019)	\$ 4,344.92

Staff is working to complete the agreement with Keros and start construction later this fall/winter with a construction completion of summer 2023.

RECOMMENDED ACTION: Approval of Change Order No. 12 to the Crescent Boulevard Extension (NW Ring Road) & Industrial Spur contract with Toebe Construction, Inc., for the Bond Street – Phase 2 construction project in the amount of \$1,159,186.00.

Bond/Flint Street Construction (Southwest Ring Road)

Location Map





Map Author: Rebecca Runkel
Date: 4/7/2021
Project: Bond St
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.

Legend

-  Phase I Construction - Completed
-  Phase II Construction - Planned



City of Novi

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



1 inch = 184 feet





WORK CHANGE DIRECTIVE & CHANGE ORDER No. 12

PURCHASE ORDER NO.
95817

NOVI NO.: 19-2302
CIP NO.: 082-03

Project: **Crescent Blvd / Ind. Spur Construct**

Owner: City of Novi
26300 Lee BeGole Dr.
Novi, Michigan 48375
(248) 735-5632

Engineer: AECOM-Great Lakes
27777 Franklin Road, Suite 2000
Southfield, Michigan 48034
(248) 204-5900

Contractor: Toebe Construction, LLC
28990 Wixom Road
Wixom, Michigan 48393
(248) 349-7500

This document hereby renders changes in the Work, changes in the Contract Time and changes in the Contract Price by adding, deducting and/or balancing individual Contract line items through a signed authorization of the Prime Contractor, Owner, and Engineer.

Drafted Date: **October 31, 2022**

Reasoning: Change order to add the construction of Flint/Bond Phase 2. Substantial completion for the new work will be considered to be June 1, 2023.

NEW CONTRACT ITEMS

Item No.	Division	Item Description	Unit	Unit Price	Quantity	Contract Price	
						Add	Deduct
0		"Crew Days" - Road	CD	\$700.00	30	<input checked="" type="checkbox"/>	<input type="checkbox"/>
0		"Crew Days" - Drains	CD	\$700.00	15	<input checked="" type="checkbox"/>	<input type="checkbox"/>
0		"Crew Days" - Water Main	CD	\$700.00	15	<input checked="" type="checkbox"/>	<input type="checkbox"/>
0		"Crew Days" -	CD	\$700.00		<input type="checkbox"/>	<input type="checkbox"/>
0		"Crew Days" -	CD	\$700.00		<input type="checkbox"/>	<input type="checkbox"/>
157	1	Mobilization	LS	\$80,596.32	1		\$80,596.32
158	1	Pre-Construction Audio Visual	LS	\$1,465.39	1		\$1,465.39
159	1	Maintaining Traffic	LS	\$4,884.63	1		\$4,884.63
160	1	Clearing	LS	\$4,884.63	1		\$4,884.63
161	1	Pavt, Rem	Syd	\$10.00	95		\$950.00
162	1	Sidewalk, Rem	Syd	\$10.00	144		\$1,440.00
163	1	Curb and Gutter, Rem	Ft	\$10.00	187		\$1,870.00
164	1	Guardrail, Rem	Ft	\$10.00	75		\$750.00
165	1	Fence, Rem	Ft	\$3.00	683		\$2,049.00
166	1	Subgrade Undercutting, Special	Cyd	\$58.00	300		\$17,400.00
167	1	Roadway Grading	Sta	\$12,000.00	5.1		\$61,200.00
168	1	Silt Fence	Ft	\$3.50	700		\$2,450.00
169	1	Curb and Gutter Inlet Filter	EA	\$150.00	11		\$1,650.00
170	1	Aggregate Base, 21AA, Limestone, 10 inch	Syd	\$22.00	2908		\$63,976.00
171	1	Aggregate Base, 21AA, Limestone, 6 inch	Syd	\$15.00	1105		\$16,575.00
172	1	Tensor TX5 Geogrid	Syd	\$6.50	2565		\$16,672.50
173	1	HMA, 36A	Ton	\$160.00	67		\$10,720.00
174	1	HMA, 13A	Ton	\$150.00	69		\$10,350.00
175	1	HMA, 3E3	Ton	\$101.00	655		\$66,155.00
176	1	HMA, 5E3	Ton	\$130.00	292		\$37,960.00
177	1	HMA Approach	Ton	\$260.00	15		\$3,900.00
178	1	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	\$19.50	1018		\$19,851.00
179	1	Curb and Gutter, Conc, Det F4	Ft	\$20.50	1028		\$21,074.00
180	1	Driveway Opening, Conc, Det F4	Ft	\$25.00	142		\$3,550.00
181	1	Sidewalk, Conc, 4 inch	Sft	\$4.50	2517		\$11,326.50
182	1	Sidewalk Ramp, Conc, 4 inch	Sft	\$6.00	1333		\$7,998.00
183	1	Detectable Warning Surface	Ft	\$45.00	78		\$3,510.00
184	1	Case Sign, Rem	EA	\$255.00	2		\$510.00
185	1	TS, One Way Mast Arm Mtd, FYA (LED)	EA	\$1,925.00	2		\$3,850.00
186	1	Surface Restoration	LS	\$15,240.04	1		\$15,240.04
187	1	Permanent Signing	LS	\$25,000.00	1		\$25,000.00
188	1	Permanent Pavement Marking	LS	\$12,000.00	1		\$12,000.00
189	2	Mobilization	LS	\$53,238.76	1		\$53,238.76
190	2	Pre-Construction Audio Visual	LS	\$967.98	1		\$967.98
191	2	Maintaining Traffic	LS	\$3,226.59	1		\$3,226.59
192	2	Clearing	LS	\$3,226.59	1		\$3,226.59
193	2	Granular Material, CI 3	Cyd	\$26.00	9000		\$234,000.00
194	2	Sewer, CI E, 12 inch, Tr Det B	Ft	\$85.00	580		\$49,300.00
195	2	Sewer, CI E, 15 inch, Tr Det B	Ft	\$120.00	49		\$5,880.00
196	2	Videotaping Sewer and Culv Pipe	Ft	\$4.00	629		\$2,516.00
197	2	Dr Structure, 24 inch dia	EA	\$1,800.00	3		\$5,400.00
198	2	Dr Structure, 48 inch dia	EA	\$2,500.00	7		\$17,500.00
199	2	Dr Structure, Add Depth of 48 inch dia, 8 foot to	Ft	\$395.00	3		\$1,185.00
200	2	Dr Structure Cover, Type K	EA	\$955.00	9		\$8,595.00
201	2	Dr Structure Cover, Type G	EA	\$955.00	1		\$955.00
202	2	Dr Structure Cover, Adj, Case 1	EA	\$440.00	2		\$880.00
203	2	Dr Structure Cover, Adj, Case 2	EA	\$440.00	1		\$440.00
204	2	DPS Structure Cover, Adj, Case 1	EA	\$440.00	2		\$880.00
205	2	DPS Structure Cover, Adj, Case 2	EA	\$440.00	1		\$440.00
Subtotals						\$920,438.93	\$0.00
Total							\$920,438.93

Bond Street - Proposed Right-Of-Way

Keros v. Begole Property Swap Agreement

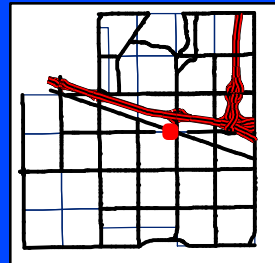


Map Author: Aaron J. Staup
Date: November 1, 2021
Project: Bond Street - Phase 2
Version #: 1

Amended By:
Date:
Department:

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.



City of Novi

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

Feet
0 15 30 60 90

1 inch = 92 feet



Bond Street Phase 2 - Novi/Keros Property Swap Agreement

Newly Created City and Keros Parcels



Blue = Bond Street Phase 2 ROW

Orange = New Keros Property

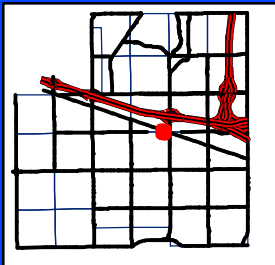
Yellow = Retained City of Novi Property

Map Author: Aaron J. Staup
Date: November 1, 2021
Project: Bond Street - Phase 2
Version #: 1

Amended By:
Date:
Department:

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.



City of Novi

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



1 inch = 92 feet

