



CITY of NOVI CITY COUNCIL

Agenda Item 4
July 23, 2018

SUBJECT: Approval to award the construction contract for ITC Corridor Regional Trail Phase 2 to Anglin Civil, LLC, the low-bidder, in the amount of \$2,258,147.05.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division
Parks, Recreational and Cultural Services

CITY MANAGER APPROVAL:

EXPENDITURE REQUIRED	\$ 2,258,147.05
AMOUNT BUDGETED	\$ 3,500,000
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	400-691.00-977.020

BACKGROUND INFORMATION:

A north-south regional pathway in the western portion of the City, known as the ITC Corridor Regional Trail, was included in the adopted City of Novi Non-Motorized Master Plan 2011. The proposed regional pathway would provide a connection between the ITC Community Sports Park and Maybury State Park to the south and the City of Wixom to the north. The master plan shows this non-motorized pathway following a corridor of property owned by International Transmission Company (ITC).

Phase 2 of the ITC Corridor Regional Trail would continue the path north from the intersection of 9 Mile Road and Garfield Road to 11 Mile Road (just East of Wixom Road) which would complete the ITC Corridor Regional Trail. The majority of this project will be located within the ITC transmission corridor.

AECOM, the City's Engineering Consultant, assisted the Engineering Division with developing the plans for this project. Engineering Staff advertised the plans for public bids on June 13, 2018. Following the solicitation period, four (4) bids were received and opened on June 28, 2018. Anglin Civil's bid is recommended as being in the best interest of the City as it is responsive and complies with all of the requirements of the bidding instructions. Attached in the packet are the award recommendation letter and bid tabulation. The summary of the bid tabulation is as follows:

Contractor	Base Bid (including Crew Days)*
Anglin Civil, LLC	\$ 2,363,147.05
L.J. Construction, Inc.	\$ 2,717,669.00
Cross Renovation, Inc.	\$ 3,502,863.84
Fonson Company	\$ 3,574,212.02

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

The construction engineering services award associated with this project is proposed elsewhere on this agenda. It is anticipated the project will be substantially complete in the spring of 2019.

RECOMMENDED ACTION: Approval to award the construction contract for ITC Corridor Regional Trail Phase 2 to Anglin Civil, LLC, the low-bidder, in the amount of \$2,258,147.05.

ITC Corridor Regional Trail - Phase 2

Location Map



Map Author: Joseph Akers
Date: July 23, 2018
Project: ITC Corridor Regional Trail - Phase 2
Version: 1

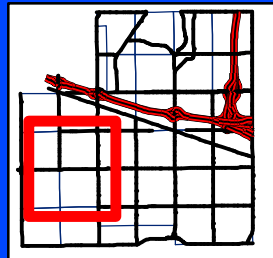
Amended By:
Date:
Department:

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.



Proposed Trail Construction



City of Novi

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

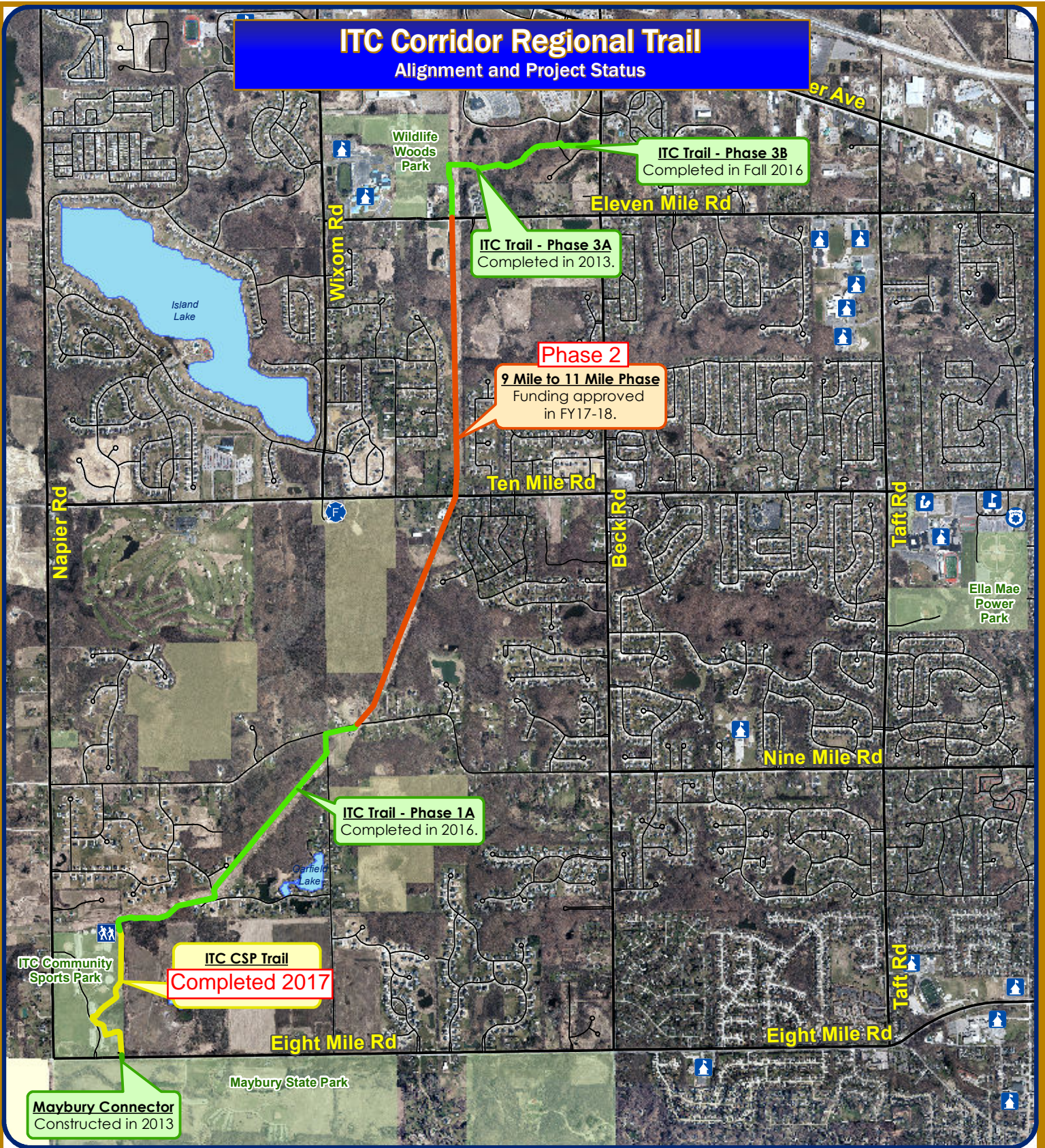
Feet
0 310 620 1,240 1,860

1 inch = 1,521 feet



ITC Corridor Regional Trail

Alignment and Project Status



Map Author: Keri Blough
Date: May 11, 2017
Project: ITC Corridor Regional Trail
Version #: 3.1

Map Revisions:
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.

Map Legend

- Trailhead
- Trail Complete
- Trail Completed 2017
- Trail Future/Pending
- Existing Parkland
- Conservation Easement



City of Novi
Information Technology Dept.
GIS Division
45175 Ten Mile Rd
Novi, MI 48375
cityofnovi.org





June 29, 2018

Mr. Joseph Akers
City of Novi
Engineering Department
26300 Lee BeGole Drive
Novi, MI 48375

Reference: Bid Analysis and Contract Award Recommendation
ITC Trail Phase 2 Project
AECOM Project Number 60551567

Dear Mr. Akers:

Attached is the Bid Tabulation for the above referenced project. Four bids were received and opened on June 28, 2018. Competition appears to have been very good and the low bid is under the latest Engineer's Estimate. The following irregularities were noted in the bids:

There were minor mathematical errors in the lowest bid. After correction, the low bid amount was reduced by \$2.75 to \$2,363,147.05. The third low bid also had minor mathematical errors and increased by \$3,638.86 as a result. The order of bidders was not changed from the "as read" results.

Anglin Civil, LLC, the low bidder, has completed similar projects for the City of Novi 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 to Anglin Civil, LLC for the corrected bid amount, excluding crew day costs, of \$2,258,147.05.

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 ITC Trail - Phase 2 Project
Tabulation of Bids
6/22/2018**

Item	Item Description	Unit	Quantity	Engineers Estimate		Anglin Civil, LLC		L. J. Construction, Inc.		Cross Renovation, Inc.		Fonson Company	
				Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	Mobilization (Max. \$120,000)	LS	1	\$120,000.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00
2	Maintaining Traffic	LS	1	\$15,000.00	\$ 15,000.00	\$ 5,175.00	\$ 5,175.00	\$ 35,000.00	\$ 35,000.00	\$ 15,000.00	\$ 15,000.00	\$ 36,000.00	\$ 36,000.00
3	Construction Access	LS	1	\$8,000.00	\$ 8,000.00	\$ 7,475.00	\$ 7,475.00	\$ 15,000.00	\$ 15,000.00	\$ 50,000.00	\$ 50,000.00	\$ 28,000.00	\$ 28,000.00
4	Tree, Rem, 6 inch to 18 inch	Each	29	\$350.00	\$ 10,150.00	\$ 287.50	\$ 8,337.50	\$ 325.00	\$ 9,425.00	\$ 454.55	\$ 13,181.95	\$ 574.00	\$ 16,646.00
5	Tree, Rem, 19 inch to 36 inch	Each	11	\$1,200.00	\$ 13,200.00	\$ 1,063.50	\$ 11,698.50	\$ 725.00	\$ 7,975.00	\$ 1,591.00	\$ 17,501.00	\$ 1,460.00	\$ 16,060.00
6	Tree, Rem, 37 inch or Larger	Each	3	\$1,900.00	\$ 5,700.00	\$ 1,610.00	\$ 4,830.00	\$ 1,600.00	\$ 4,800.00	\$ 2,727.00	\$ 8,181.00	\$ 2,150.00	\$ 6,450.00
7	Stump, Rem, 6 to 18 inch	Each	78	\$100.00	\$ 7,800.00	\$ 109.25	\$ 8,521.50	\$ 100.00	\$ 7,800.00	\$ 227.00	\$ 17,706.00	\$ 292.00	\$ 22,776.00
8	Stump, Rem, 19 to 36 inch	Each	60	\$160.00	\$ 9,600.00	\$ 166.75	\$ 10,005.00	\$ 125.00	\$ 7,500.00	\$ 909.00	\$ 54,540.00	\$ 530.00	\$ 31,800.00
9	Stump, Rem, 37 inch or Larger	Each	30	\$250.00	\$ 7,500.00	\$ 287.50	\$ 8,625.00	\$ 200.00	\$ 6,000.00	\$ 1,136.00	\$ 34,080.00	\$ 750.00	\$ 22,500.00
10	Culv, Rem, Less than 24 inch	Each	2	\$300.00	\$ 600.00	\$ 575.00	\$ 1,150.00	\$ 250.00	\$ 500.00	\$ 1,705.00	\$ 3,410.00	\$ 710.00	\$ 1,420.00
11	Curb and Gutter, Rem	Ft	32	\$10.00	\$ 320.00	\$ 17.25	\$ 552.00	\$ 20.00	\$ 640.00	\$ 23.00	\$ 736.00	\$ 18.00	\$ 576.00
12	Fence, Rem	Ft	116	\$5.00	\$ 580.00	\$ 11.50	\$ 1,334.00	\$ 8.00	\$ 928.00	\$ 23.00	\$ 2,668.00	\$ 29.00	\$ 3,364.00
13	Sidewalk, Rem	Syd	216	\$10.00	\$ 2,160.00	\$ 17.25	\$ 3,726.00	\$ 8.00	\$ 1,728.00	\$ 11.36	\$ 2,453.76	\$ 20.00	\$ 4,320.00
14	Excavation, Earth	Cyd	2267	\$7.00	\$ 15,869.00	\$ 17.25	\$ 39,105.75	\$ 16.00	\$ 36,272.00	\$ 39.77	\$ 90,158.59	\$ 29.00	\$ 65,743.00
15	Subgrade Undercutting, Type II	Cyd	600	\$35.00	\$ 21,000.00	\$ 26.45	\$ 15,870.00	\$ 25.00	\$ 15,000.00	\$ 73.86	\$ 44,316.00	\$ 87.00	\$ 52,200.00
16	Subgrade Undercutting, Special	Cyd	1500	\$25.00	\$ 37,500.00	\$ 26.45	\$ 39,675.00	\$ 45.00	\$ 67,500.00	\$ 79.55	\$ 119,325.00	\$ 105.00	\$ 157,500.00
17	Pathway Grading	Sta	94.8	\$1,300.00	\$ 123,240.00	\$ 1,035.00	\$ 98,118.00	\$ 1,250.00	\$ 118,500.00	\$ 2,272.73	\$ 215,454.80	\$ 4,900.00	\$ 464,520.00
18	Silt Fence	Ft	10000	\$1.60	\$ 16,000.00	\$ 1.84	\$ 18,400.00	\$ 1.75	\$ 17,500.00	\$ 2.84	\$ 28,400.00	\$ 3.00	\$ 30,000.00
19	Inlet Filter	Each	2	\$200.00	\$ 400.00	\$ 132.25	\$ 264.50	\$ 100.00	\$ 200.00	\$ 170.46	\$ 340.92	\$ 150.00	\$ 300.00
20	Aggregate Base, 21AA Limestone, 6 inch	Syd	11365	\$9.00	\$ 102,285.00	\$ 5.06	\$ 57,506.90	\$ 12.00	\$ 136,380.00	\$ 8.00	\$ 90,920.00	\$ 15.30	\$ 173,884.50
21	Geotextile, Mirafi RS580i	Syd	2000	\$1.00	\$ 2,000.00	\$ 5.75	\$ 11,500.00	\$ 5.50	\$ 11,000.00	\$ 17.05	\$ 34,100.00	\$ 7.40	\$ 14,800.00
22	Geotextile, Stabilization	Syd	1000	\$2.00	\$ 2,000.00	\$ 4.60	\$ 4,600.00	\$ 1.50	\$ 1,500.00	\$ 1.65	\$ 1,650.00	\$ 2.20	\$ 2,200.00
23	Geogrid, Multiaxial, Tensar TriAx TX140	Syd	1000	\$8.00	\$ 8,000.00	\$ 4.60	\$ 4,600.00	\$ 3.25	\$ 3,250.00	\$ 11.36	\$ 11,360.00	\$ 5.00	\$ 5,000.00
24	Dr Structure Cover, Type B	Each	1	\$550.00	\$ 550.00	\$ 747.50	\$ 747.50	\$ 500.00	\$ 500.00	\$ 682.00	\$ 682.00	\$ 715.00	\$ 715.00
25	Dr Structure Cover, Type G	Each	1	\$550.00	\$ 550.00	\$ 862.50	\$ 862.50	\$ 400.00	\$ 400.00	\$ 455.00	\$ 455.00	\$ 660.00	\$ 660.00
26	Dr Structure Cover, Type Q	Each	1	\$550.00	\$ 550.00	\$ 977.50	\$ 977.50	\$ 500.00	\$ 500.00	\$ 796.00	\$ 796.00	\$ 735.00	\$ 735.00
27	Dr Structure, 48 inch dia	Each	2	\$1,200.00	\$ 2,400.00	\$ 5,175.00	\$ 10,350.00	\$ 1,500.00	\$ 3,000.00	\$ 2,273.00	\$ 4,546.00	\$ 2,000.00	\$ 4,000.00
28	Dr Structure, Tap, 12 inch	Each	1	\$200.00	\$ 200.00	\$ 1,150.00	\$ 1,150.00	\$ 300.00	\$ 300.00	\$ 391.00	\$ 391.00	\$ 700.00	\$ 700.00
29	Dr Structure Cover, Adj, Case 2	Each	1	\$400.00	\$ 400.00	\$ 1,150.00	\$ 1,150.00	\$ 300.00	\$ 300.00	\$ 483.00	\$ 483.00	\$ 780.00	\$ 780.00
30	Culv End Section, 12 inch	Each	40	\$500.00	\$ 20,000.00	\$ 57.50	\$ 2,300.00	\$ 475.00	\$ 19,000.00	\$ 568.00	\$ 22,720.00	\$ 675.00	\$ 27,000.00
31	Culv, CI E, 12 inch	Ft	564	\$60.00	\$ 33,840.00	\$ 43.70	\$ 24,646.80	\$ 40.00	\$ 22,560.00	\$ 682.00	\$ 384,648.00	\$ 71.50	\$ 40,326.00
32	Sewer, CI E, 12 inch, Tr Det B	Ft	50	\$60.00	\$ 3,000.00	\$ 57.50	\$ 2,875.00	\$ 40.00	\$ 2,000.00	\$ 57.00	\$ 2,850.00	\$ 78.00	\$ 3,900.00
33	HMA Surface, Rem	Syd	115	\$5.00	\$ 575.00	\$ 11.50	\$ 1,322.50	\$ 15.00	\$ 1,725.00	\$ 11.36	\$ 1,306.40	\$ 17.50	\$ 2,012.50
34	HMA, 13A	Ton	1604	\$90.00	\$ 144,360.00	\$ 97.65	\$ 156,630.60	\$ 116.00	\$ 186,064.00	\$ 140.91	\$ 226,019.64	\$ 100.00	\$ 160,400.00
35	HMA, 36A	Ton	873	\$105.00	\$ 91,665.00	\$ 110.25	\$ 96,248.25	\$ 123.00	\$ 107,379.00	\$ 156.82	\$ 136,903.86	\$ 105.00	\$ 91,665.00
36	Structure, Timber, Boardwalk	Syd	3503	\$240.00	\$ 840,720.00	\$ 220.50	\$ 772,411.50	\$ 239.00	\$ 837,217.00	\$ 238.28	\$ 834,694.84	\$ 278.34	\$ 975,025.02
37	Helical Pile	Each	829	\$780.00	\$ 646,620.00	\$ 522.00	\$ 432,738.00	\$ 485.00	\$ 402,065.00	\$ 570.53	\$ 472,969.37	\$ 633.00	\$ 524,757.00
38	Helical Pile, Additional 5 Foot Section for Depth over 20 Feet	Each	10	\$150.00	\$ 1,500.00	\$ 575.00	\$ 5,750.00	\$ 195.00	\$ 1,950.00	\$ 137.36	\$ 1,373.60	\$ 125.00	\$ 1,250.00
39	Helical Pile Equipment, Furnished	LS	1	\$25,000.00	\$ 25,000.00	\$ 1,150.00	\$ 1,150.00	\$ 95,000.00	\$ 95,000.00	\$ 1.00	\$ 1.00	\$ 250.00	\$ 250.00
40	Obstruction Removal, Unexpected	Dlrs	\$2,000	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
41	Concrete Headwall	Each	4	\$5,000.00	\$ 20,000.00	\$ 9,213.75	\$ 36,855.00	\$ 5,500.00	\$ 22,000.00	\$ 13,181.33	\$ 52,725.32	\$ 12,500.00	\$ 50,000.00
42	Swing Gate Lockable Bollard	Each	20	\$1,200.00	\$ 24,000.00	\$ 1,150.00	\$ 23,000.00	\$ 1,350.00	\$ 27,000.00	\$ 1,181.33	\$ 23,626.60	\$ 1,075.00	\$ 21,500.00
43	Detectable Warning Surface	Ft	66	\$80.00	\$ 5,280.00	\$ 63.25	\$ 4,174.50	\$ 60.00	\$ 3,960.00	\$ 62.50	\$ 4,125.00	\$ 50.00	\$ 3,300.00
44	Sidewalk Ramp, Conc, 4 inch	Sft	2746	\$7.00	\$ 19,222.00	\$ 11.50	\$ 31,579.00	\$ 11.00	\$ 30,206.00	\$ 9.09	\$ 24,961.14	\$ 9.00	\$ 24,714.00
45	Sidewalk, Conc, 4 inch	Sft	1809	\$5.00	\$ 9,045.00	\$ 11.50	\$ 20,803.50	\$ 11.00	\$ 19,899.00	\$ 9.09	\$ 16,443.81	\$ 6.00	\$ 10,854.00
46	Curb Ramp Opening, Conc	Ft	32	\$25.00	\$ 800.00	\$ 86.25	\$ 2,760.00	\$ 80.00	\$ 2,560.00	\$ 85.23	\$ 2,727.36	\$ 25.00	\$ 800.00
47	Fence, Chain Link, 42 inch	Ft	86	\$10.00	\$ 860.00	\$ 92.00	\$ 7,912.00	\$ 55.00	\$ 4,730.00	\$ 41.75	\$ 3,590.50	\$ 38.00	\$ 3,268.00
48	Band, Sign	Each	60	\$40.00	\$ 2,400.00	\$ 69.00	\$ 4,140.00	\$ 75.00	\$ 4,500.00	\$ 181.06	\$ 10,863.60	\$ 42.50	\$ 2,550.00
49	Post, Steel, 3 pound	Ft	309	\$10.00	\$ 3,090.00	\$ 9.20	\$ 2,842.80	\$ 9.00	\$ 2,781.00	\$ 16.27	\$ 5,027.43	\$ 7.50	\$ 2,317.50
50	Sign, Type IIIA	Sft	50	\$15.00	\$ 750.00	\$ 32.20	\$ 1,610.00	\$ 28.00	\$ 1,400.00	\$ 59.87	\$ 2,993.50	\$ 16.00	\$ 800.00
51	Sign, Type IIIB	Sft	243	\$15.00	\$ 3,645.00	\$ 21.85	\$ 5,309.55	\$ 20.00	\$ 4,860.00	\$ 55.44	\$ 13,471.92	\$ 15.50	\$ 3,766.50
52	Sign, Type III, Erect, Salv	Each	2	\$40.00	\$ 80.00	\$ 57.50	\$ 115.00	\$ 100.00	\$ 200.00	\$ 283.45	\$ 566.90	\$ 35.00	\$ 70.00
53	Sign, Type III, Rem	Each	4	\$20.00	\$ 80.00	\$ 28.75	\$ 115.00	\$ 50.00	\$ 200.00	\$ 141.73	\$ 566.92	\$ 25.00	\$ 100.00
54	Pedestal, Alum	Each	6	\$870.00	\$ 5,220.00	\$ 920.00	\$ 5,520.00	\$ 900.00	\$ 5,400.00	\$ 2,119.51	\$ 12,717.06	\$ 875.00	\$ 5,250.00
55	Pedestal, Fdn	Each	6	\$950.00	\$ 5,700.00	\$ 1,092.50	\$ 6,555.00	\$ 1,050.00	\$ 6,300.00	\$ 2,259.96	\$ 13,559.76	\$ 1,000.00	\$ 6,000.00
56	Pushbutton and Sign	Each	6	\$550.00	\$ 3,300.00	\$ 632.50	\$ 3,795.00	\$ 700.00	\$ 4,200.00	\$ 1,866.70	\$ 11,200.20	\$ 650.00	\$ 3,900.00
57	Fish Beacon, Rectangular Rapid, Solar Power	Each	6	\$7,400.00	\$ 44,400.00	\$ 6,371.00	\$ 38,226.00	\$ 5,750.00	\$ 34,500.00	\$ 13,500.00	\$ 81,000.00	\$ 5,500.00	\$ 33,000.00
58	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	Ft	84	\$20.00	\$ 1,680.00	\$ 5.75	\$ 483.00	\$ 5.00	\$ 420.00	\$ 3.41	\$ 286.44	\$ 4.00	\$ 336.00
59	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	Ft	187	\$30.00	\$ 5,610.00	\$ 5.75	\$ 1,075.25	\$ 9.00	\$ 1,683.00	\$ 6.25	\$ 1,168.75	\$ 8.00	\$ 1,496.00
60	Surface Restoration	LS	1	\$60,000.00	\$ 60,000.00	\$ 54,050.00	\$ 54,050.00	\$ 85,000.00	\$ 85,000.00	\$ 68,181.82	\$ 68,181.82	\$ 160,000.00	\$ 160,000.00
61	Excavation, Fdn	Cyd	148	\$60.00	\$ 8,880.00	\$ 34.50	\$ 5,106.00	\$ 25.00	\$ 3,700.00	\$ 39.77	\$ 5,885.96	\$ 77.00	\$ 11,396.00
62	Backfill, Structure, CIP	Cyd	116	\$60.00	\$ 6,960.00	\$ 18.40	\$ 2,134.40	\$ 32.00	\$ 3,712.00	\$ 28.41	\$ 3,295.56	\$ 74.00	\$ 8,584.00
63	Pre-Construction Audio Visual	LS	1	\$1,500.00	\$ 1,500.00	\$ 5,606.25	\$ 5,606.25	\$ 3,500.00	\$ 3,500.00	\$ 5,555.56	\$ 5,555.56	\$ 2,975.00	\$ 2,975.00
64	Crew Days	Day	100	\$700.00	\$ 70,000.00	\$ 150	\$ 105,000.00	198	\$ 138,600.00	100	\$ 70,000.00	150	\$ 105,000.00
	TOTAL				\$ 2,645,336.00		\$ 2,363,147.05		\$ 2,717,669.00		\$ 3,502,863.84		\$ 3,574,212.02
							Award AMT (Excludes Crew Days)						
							\$ 2,258,147.05						

\$ X,XXX.XX Indicates Corrected Entry

BID
ITC TRAIL-PHASE 2

Bid of Anglin Civil hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as Anglin Civil *.

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 of 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>6/22/2018</u>
<u>2</u>	<u>6/25/2018</u>
<u>3</u>	<u>6/28/2018</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:

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
1	Mobilization (Max. \$120,000)	LS	1	120,000	120,000
2	Maintaining Traffic	LS	1	5175	5175
3	Construction Access	LS	1	7475	7475
4	Tree, Rem, 6 inch to 18 inch	Each	29	287.50	8337.50
5	Tree, Rem, 19 inch to 36 inch	Each	11	1063.5	11701.25
6	Tree, Rem, 37 inch or Larger	Each	3	1610.0	4830
7	Stump, Rem, 6 to 18 inch	Each	78	1092.5	8521.50
8	Stump, Rem, 19 to 36 inch	Each	60	166.75	10005.00
9	Stump, Rem, 37 inch or Larger	Each	30	287.5	8625.
10	Culv, Rem, Less than 24 inch	Each	2	575	1150
11	Curb and Gutter, Rem	Ft	32	17.25	552
12	Fence, Rem	Ft	116	11.50	1334



Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
13	Sidewalk, Rem	Syd	216	17.25	3726
14	Excavation, Earth	Cyd	2267	17.25	39105.75
15	Subgrade Undercutting, Type II	Cyd	600	26.45	15870
16	Subgrade Undercutting, Special	Cyd	1500	26.45	39675
17	Pathway Grading	Sta	94.8	1035	98118
18	Silt Fence	Ft	10,000	1.84	18400
19	Inlet Filter	Each	2	132.25	264.50
20	Aggregate Base, 21AA Limestone, 6 inch	Syd	11365	5.06	57506.90
21	Geotextile, Mirafi RS580i	Syd	2000	5.75	11500
22	Geotextile, Stabilization	Syd	1000	4.60	4600
23	Geogrid, Multiaxial, Tensar TriAx TX140	Syd	1000	4.60	4600
24	Dr Structure Cover, Type B	Each	1	747.5	747.50
25	Dr Structure Cover, Type G	Each	1	862.5	862.5
26	Dr Structure Cover, Type Q	Each	1	977.5	977.50
27	Dr Structure, 48 inch dia	Each	2	517.5	1035.00
28	Dr Structure, Tap, 12 inch	Each	1	1150	1150
29	Dr Structure Cover, Adj, Case 2	Each	1	1150	1150
30	Culv End Section, 12 inch	Each	40	57.50	2300
31	Culv, CI E, 12 inch	Ft	564	43.70	24646.80
32	Sewer, CI E, 12 inch, Tr Det B	Ft	50	57.50	2875
33	HMA Surface, Rem	Syd	115	11.50	1322.50
34	HMA, 13A	Ton	1604	97.65	156630.60
35	HMA, 36A	Ton	873	110.25	96248.25
36	Structure, Timber, Boardwalk	Syd	3503	220.5	772411.50
37	Helical Pile	Each	829	522.00	432,738
38	Helical Pile, Additional 5 Foot Section for Depth over 20 Feet	Each	10	575	5750
39	Helical Pile Equipment, Furnished	LS	1	1150	1150



Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
40	Obstruction Removal, Unexpected	Dlrs	1	\$2000.00	\$2000.00
41	Concrete Headwall	Each	4	9213.75	36855.00
42	Swing Gate Lockable Bollard	Each	20	1150	2300
43	Detectable Warning Surface	Ft	66	63.25	4174.50
44	Sidewalk Ramp, Conc, 4 inch	Sft	2746	11.50	31579
45	Sidewalk, Conc, 4 inch	Sft	1809	11.50	20803.50
46	Curb Ramp Opening, Conc	Ft	32	86.25	2760
47	Fence, Chain Link, 42 inch	Ft	86	92	7912
48	Band, Sign	Each	60	69	4140
49	Post, Steel, 3 pound	Ft	309	9.2	2842.80
50	Sign, Type IIIA	Sft	50	32.20	1610
51	Sign, Type IIIB	Sft	243	21.85	5309.55
52	Sign, Type III, Erect, Salv	Each	2	57.50	115.00
53	Sign, Type III, Rem	Each	4	28.75	115.00
54	Pedestal, Alum	Each	6	920	5520
55	Pedestal, Fdn	Each	6	1092.50	6555
56	Pushbutton and Sign	Each	6	632.5	3795
57	Flsh Beacon, Rectangular Rapid, Solar Power	Each	6	6371	38226
58	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	Ft	84	5.75	483
59	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	Ft	187	5.75	1075.25
60	Surface Restoration	LS	1	54050	54050
61	Excavation, Fdn	Cyd	148	34.50	5106.-
62	Backfill, Structure, CIP	Cyd	116	18.40	2134.40
63	Pre-Construction Audio Visual	LS	1	5606.25	5606.25
64	Crew Days	Day	150	\$700.00	105000 105000
TOTAL BID:				\$ 2,363,149.80	



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 on the site of the project shall begin before **July 23, 2018**.

Contractor shall complete the HMA base course for the entire trail by **November 15, 2018**.

Substantial Completion shall be no later than **May 18, 2019**.

Final Completion shall be no later than **June 1, 2019**.

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.

The undersigned also agrees that for each and every calendar day that he may be in default of any of the completion dates listed above, the OWNER will suffer a damage of One Thousand Five Hundred Dollars (\$1,500.00) 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.



CITY OF NOVI
Rev 3/12/15

SUBMITTED on 6/28/2018
Date*

13000 Newburgh Road
Street*

Livonia, MI 48150
City, State, ZIP*

248-397-4200
Telephone Number*

N/A
Facsimile Number*

BY: Anglin Cov. I
Name of Bidder*

[Handwritten Signature]
Signature

Nick Wineka - Estimator
Name and Title of Signatory*

*Typed or printed in ink.

