



CITY of NOVI CITY COUNCIL

Agenda Item 5
July 23, 2018

SUBJECT: Approval to award civil engineering services to AECOM for construction engineering services associated with the ITC Corridor Regional Trail Phase 2 in the amount of \$217,907.35.

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

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 217,907.35
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 the 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 along the ITC transmission corridor or on ITC property.

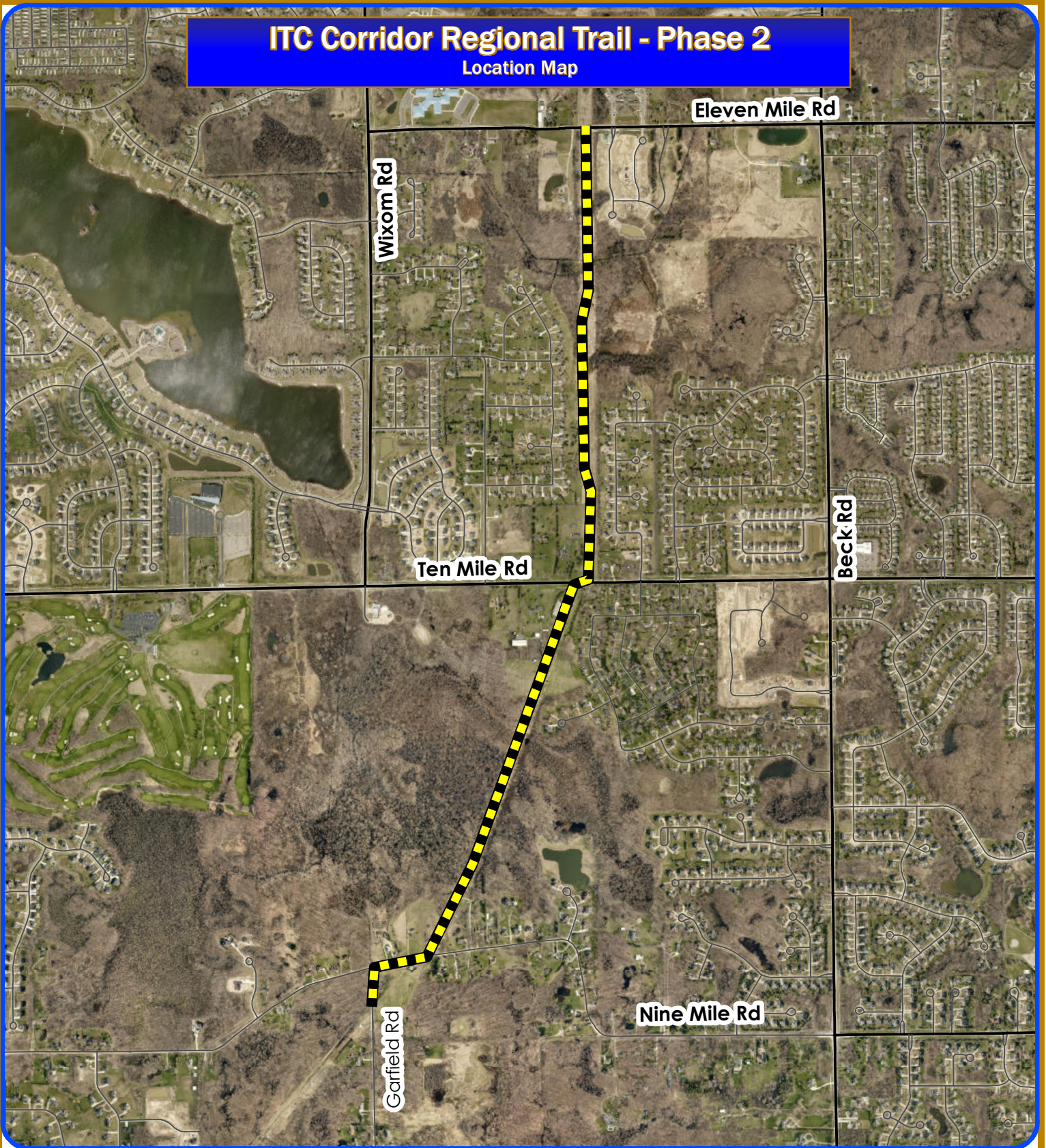
AECOM, the City's Engineering Consultant, assisted the Engineering Division with developing the plans for this project. Engineering Staff advertised the plans for public bids on June 13, 2018. The construction phase engineering fees are determined using two components: 1) The contract administration fee, using the fee percentage in Exhibit B of the Agreement for Professional Engineering Services for Public Projects; 2) The construction inspection fee, using a cost per inspection (crew) day from Exhibit B of the consultant's agreement, multiplied by the number of days of inspection specified by the contractor.

The construction phase engineering fees for this project include a contract administration fee of \$112,907.35 (5.00% of the \$2,258,147.05 construction bid) and an inspection fee of \$105,000.00 (\$700 per crew day, multiplied by the 150 days provided in the contractor's bid) for a total fee of \$217,907.35. The construction contract award is proposed for consideration elsewhere on this agenda. The project will be substantially complete by spring 2019.

RECOMMENDED ACTION: Approval to award civil engineering services to AECOM for construction engineering services associated with the ITC Corridor Regional Trail Phase 2 in the amount of \$217,907.35.

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

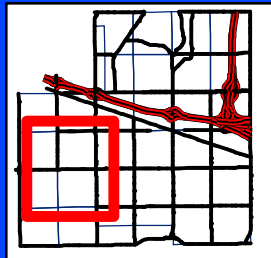
Amended By:
Date:
Department:

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

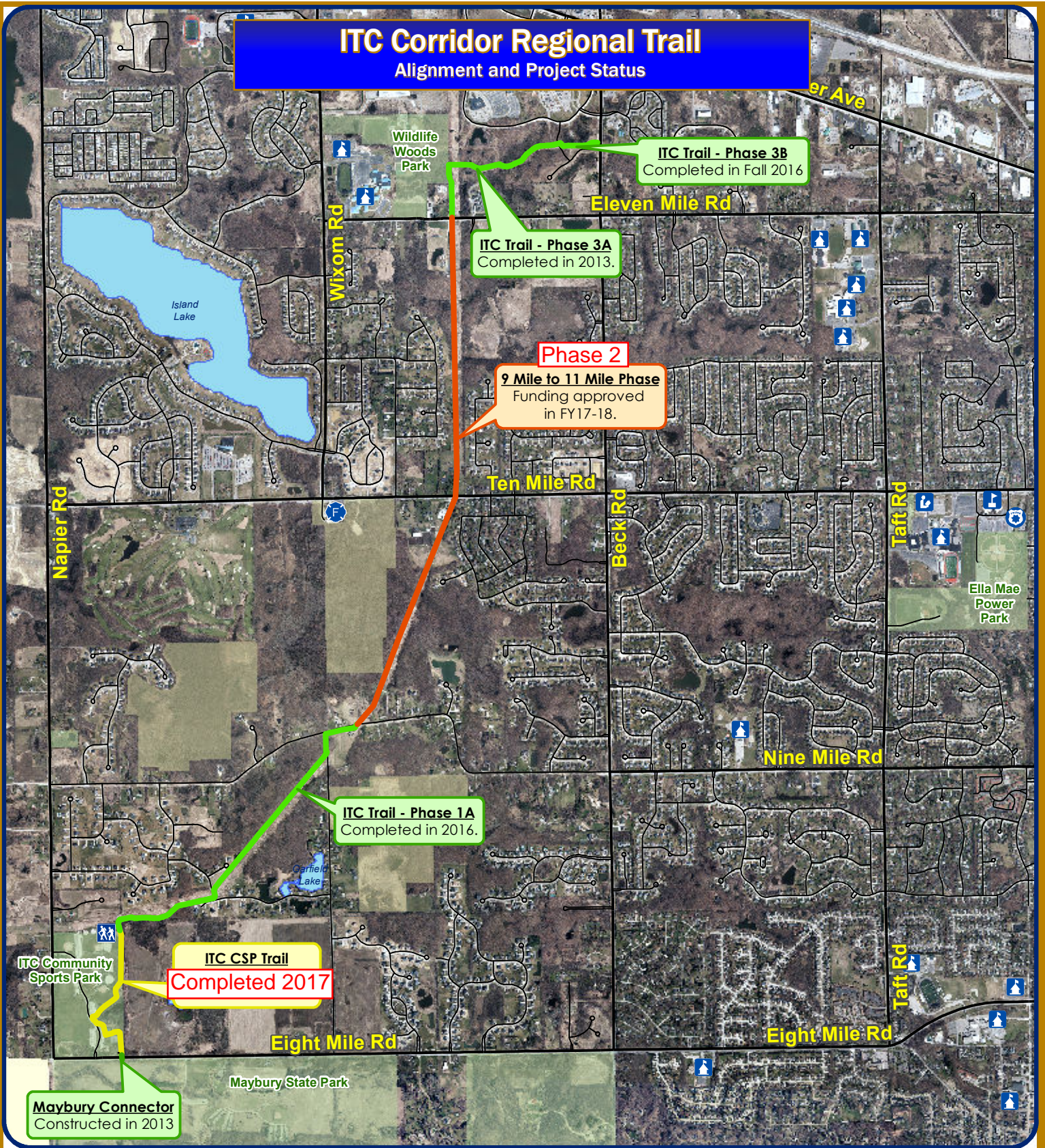
Feet
0 310 620 1,240 1,860

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

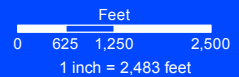
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Map Legend

- 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 Dr
Novi, MI 48375

Reference: ITC Trail Phase 2– Construction Engineering Services
AECOM Project Number 60551567

Dear Mr. Akers:

AECOM is pleased to provide the following proposal for Construction Engineering services for the ITC Trail – Phase 2 project in accordance with the Civil Engineering Master Services Agreement dated December 18, 2017.

Project Overview and Scope of Services

This project includes construction of HMA pathway and boardwalks. Our Construction Engineering services will include Construction Contract Administration and Inspection, as defined in the Civil Engineering Master Services Agreement.

Construction Cost and Proposed Fees

Construction Administration fee is based on a percentage of the as bid construction cost and the percentage used is based on the type of proposed work, as defined in the original Agreement. The fees for this project will be based on the “Construction” rates in the fee table for Non-Motorized (Sidewalk, Pathways & Trails).

Construction Inspection Services will be provided for \$700.00 per crew day as described in the original Agreement. The original budget will be that of the Crew Day bid amount of the awarded Contractor.

CONSTRUCTION ADMINISTRATION:	$\$2,258,147.05 \times 5.00\% =$	\$112,907.35
CONSTRUCTION INSPECTION:	$\$700.00/\text{Crew Day} \times 150 \text{ Days} =$	\$105,000.00
TOTAL:		\$217,907.35

Please feel free to contact me if you have any questions regarding this matter.

Sincerely,

Sean Kelsch, P.E.
Project Manager