

CITY of NOVI CITY COUNCIL

**Agenda Item H
January 28, 2019**



SUBJECT: Approval to award civil engineering services to AECOM for construction engineering services associated with the Clearing of Flint/Bond Street and Crescent Boulevard project in the amount of \$11,275.41.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

CITY MANAGER APPROVAL: *PA*

EXPENDITURE REQUIRED	\$ 6,510.66 Crescent Blvd \$ 4,764.75 Flint/Bond Street \$ 11,275.41 Total
AMOUNT BUDGETED	\$ 118,820 Crescent Blvd \$ 170,740 Flint/Bond Street \$ 289,560 Total
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	202-202.00-865.260 082-03 Crescent Blvd 203-203.00-865.261 092-50 Flint/Bond St

BACKGROUND INFORMATION:

This project is the pre-emptive clearing of trees and vegetation for the final two phases of the "ring road" – Flint Street/Bond Street (southwest quadrant) and Crescent Boulevard (northwest quadrant). The "ring road" is included in the City's Master Plan around the intersection of Novi Road and Grand River Avenue to improve motorist safety, relieve traffic congestion, and provide access to vacant land that does not have frontage on either Grand River Avenue or Novi Road. Crescent Boulevard includes a 1,050 foot long, four-lane boulevard connecting Novi Road and Grand River Avenue in the northwest quadrant of the intersection and a 650 foot long industrial spur road. Tree and vegetation clearing will also occur along the future limits of the proposed industrial spur road.

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 December 20, 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 \$7,075.41 (8.25% of the \$85,762.50 construction bid) and an inspection fee of \$4,200.00 (\$700 per crew day, multiplied by the 6 days provided in the contractor's bid) for a total fee of \$11,275.41. The construction contract award is proposed for consideration elsewhere on this agenda. It is anticipated the project will be substantially completed by the end of March 2019.

RECOMMENDED ACTION: Approval to award civil engineering services to AECOM for construction engineering services associated with the Clearing of Flint/Bond Street and Crescent Boulevard project in the amount of \$11,275.41.

Clearing of Flint Street and Crescent Boulevard

Location Map



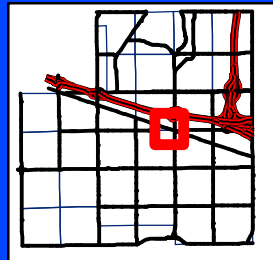
Map Author: Joseph Akers
Date: January 7, 2019
Project: Clearing of Flint and Crescent
Version: 1

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.

 Limits of Clearing



City of Novi

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

Feet

0 105 210 420 630

1 inch = 504 feet





January 11, 2019

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

Reference: Flint St. & Crescent Blvd. Clearing – Construction Engineering Services
AECOM Project Number 60582577

Dear Mr. Akers:

AECOM is pleased to provide the following proposal for Construction Engineer for the Flint St. & Crescent Blvd. Clearing project in accordance with the Civil Engineering Master Services Agreement dated December 18, 2017.

Project Overview and Scope of Services

This project includes tree clearing and removal for the Flint St and Crescent Blvd projects. 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 “Road Reconstruction” rates in the fee table.

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: $\$85,762.50 \times 8.25\% = \$7,075.41$
CONSTRUCTION INSPECTION: $\$700.00/\text{Crew Day} \times 6 \text{ Days} = \$4,200$
TOTAL: $\$11,275.41$

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

Sincerely,

Sean Kelsch, P.E. Project Manager