



CITY of NOVI CITY COUNCIL

Agenda Item C
April 24, 2017

SUBJECT: Approval to award an amendment to the engineering services agreement with Spalding DeDecker for construction engineering services for the Meadowbrook Road Rehabilitation project (from I-96 to 12 Mile Roads) in the amount of \$71,614.95.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division GDM

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 71,614.95
AMOUNT BUDGETED	\$ 1,195,045.00
LINE ITEM NUMBER	202-202.00-865.165

BACKGROUND INFORMATION:

The segment of Meadowbrook Road between the I-96 Freeway and Twelve Mile is in poor condition and has a current PASER rating of 2, requiring extensive rehabilitation. Engineering staff was successful in obtaining a Federal grant to rehabilitate this segment of roadway in 2014. The grant will cover up to \$231,189 or 18.15% of the construction cost for the project (whichever is the lesser). This project involves milling the existing pavement surface and placing a five-inch asphalt overlay. Isolated areas may also require additional repairs due to structural failure.

The construction phase engineering fees are determined using two components: 1) the contract administration fee, which is determined using the fee percentage in Exhibit B of the Agreement for Professional Engineering Services for Public Projects, and 2) the construction inspection fee determined using a cost per inspection (crew) day from Exhibit B of the consultant's agreement that is then 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 \$33,214.95 (3.1% of the \$1,071,450 construction bid) and an inspection fee of \$38,400 (\$640 per crew day, multiplied by the 60 days provided estimated in the Engineer's proposal) for a total fee of \$71,614.95.

It is anticipated that this project will be substantially complete this spring with final completion scheduled for the summer of 2017.

RECOMMENDED ACTION: Approval to award an amendment to the engineering services agreement with Spalding DeDecker for construction engineering services for the Meadowbrook Road Rehabilitation project (from I-96 to 12 Mile Roads) in the amount of \$71,614.95.

Meadowbrook Road Rehabilitation (I-96 to 12 Mile Road) Location Map



Map Author: Aaron J. Staup
Date: March 20, 2017
Project: Meadowbrook Road Rehab
Version #: 1

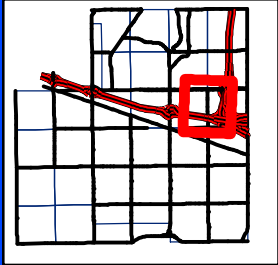
Amended By:
Date:
Department:

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.

Map Legend

- Minor Road
- Major Road
- Expressway



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



**FIRST AMENDMENT TO THE
SUPPLEMENTAL PROFESSIONAL ENGINEERING SERVICES AGREEMENT**

**MEADOWBROOK ROAD REHABILITATION PROJECT
(I-96 TO 12 MILE ROAD)**

First Amended Agreement between the City of Novi, 45175 W. Ten Mile Road, Novi, MI 48375-3024, hereafter, "City," and Spalding DeDecker Associates, Inc., whose address is 905 South Boulevard East, Rochester Hills, MI 48307, hereafter, "Consultant," relating to modifications of the fee basis for engineering services. The following sections of the Supplemental Professional Engineering Services Agreement, as made and entered into on November 23, 2015 shall be amended as follows:

Section 2. Payment for Professional Engineering Services, The following Paragraphs shall be amended as follows:

1. Basic Fee.
 - a. *Unchanged*
 - b. Delete 1.b. in its entirety and replace with the following language:
Construction Phase Services: The Consultant shall complete the construction phase services as described herein according to the fee schedule as described below:
 - i. Contract Administration: The Consultant shall complete Contract Administration services for a lump sum fee of \$33,214.95, which is 3.1% of the awarded construction cost (\$1,071,450.00) as indicated on the Design and Construction Engineering Fee Curve.
 - ii. Construction Inspection: The Consultant shall complete Construction Inspection services for \$640 per crew day (estimated at 60 crew days) for a calculated fee of \$38,400, as described in the request for proposals. "Crew days" shall be defined by the construction contract documents as an 8 hour day. Crew days shall be billed in 4 hour increments rounded to the next half day, therefore a 10 hour day shall be 1.5 crew days, a 3 hour day is 0.5 crew days, a 6 hour day shall be 1.0 crew days. The minimum crew day charged for a no-show by the contractor shall be 2 hours (0.25 crew days) which is reflective of the actual cost to the Consultant for traveling to the site and traveling back to the office. There will be no payment to the consultant for extra crew days that were not charged to the contractor. The Consultant acknowledges that intent of using crew days for inspection services is to provide a method for the consultant to recoup costs associated with slow progress by the contractor.
2. *Unchanged*

Except as specifically set forth in this First Amendment, the Supplemental Professional Engineering Services Agreement remains in full force and effect.

WITNESSES

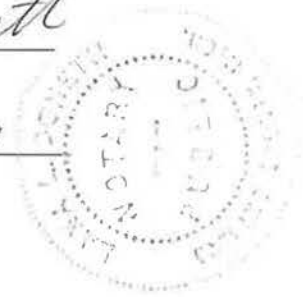
Dan Hill
John E. Ball

Spalding DeDecker Associates, Inc.

Cheryl Gregory
By: Cheryl Gregory
Its:

The foregoing AMENDMENT was acknowledged before me this 14 day of APRIL,
2017, by CHERYL GREGORY on behalf of SPALDING DEDECKER.

Lana L. Donett
Notary Public
OAKLAND County, Michigan
My Commission Expires: 2.9.19



WITNESSES

CITY OF NOVI

By:
Its:

The foregoing _____ was acknowledged before me this ____ day of _____,
20____, by _____ on behalf of the City of Novi.

Notary Public
Oakland County, Michigan
My Commission Expires: _____