



CITY of NOVI CITY COUNCIL

Agenda Item F
August 10, 2015

SUBJECT: Approval to award an amendment to the engineering services agreement with Spalding DeDecker Associates for additional design engineering services for the Nine Mile Road Rehabilitation (Meadowbrook to Novi) in the amount of \$13,980.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division *BTC RA*

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	\$ 13,980
AMOUNT BUDGETED	\$ 55,517
LINE ITEM NUMBER	202-202.00-805.162

BACKGROUND INFORMATION:

This project includes the rehabilitation of Nine Mile Road between Novi Road and Meadowbrook Road. The design of the project was originally awarded to Spalding DeDecker Associates in March 2013 in order to have a "shovel ready" project designed in case there were additional stimulus funds available. The project was fully designed by early 2014 and shelved in anticipation of future grant funds. In late 2014, the Oakland County Federal Aid Committee awarded \$209,808 in federal grant funds to Novi for construction of this project in 2016.

Since a few years have elapsed and Nine Mile Road has been subjected to a few more winters, there will be a little extra design effort to prepare the project for bidding. Additionally, as a federally funded project, the Michigan Department of Transportation (MDOT) must let the project for bid and administer the construction contract; therefore there is some additional effort to prepare the project to meet current MDOT standards.

The attached Authorization for Additional Services in the amount of \$13,980 outlines the additional effort in more detail. Staff has review the revised scope of services and recommends approval.

Staff will work with MDOT toward a January 2016 bid letting with construction to commence in spring 2016.

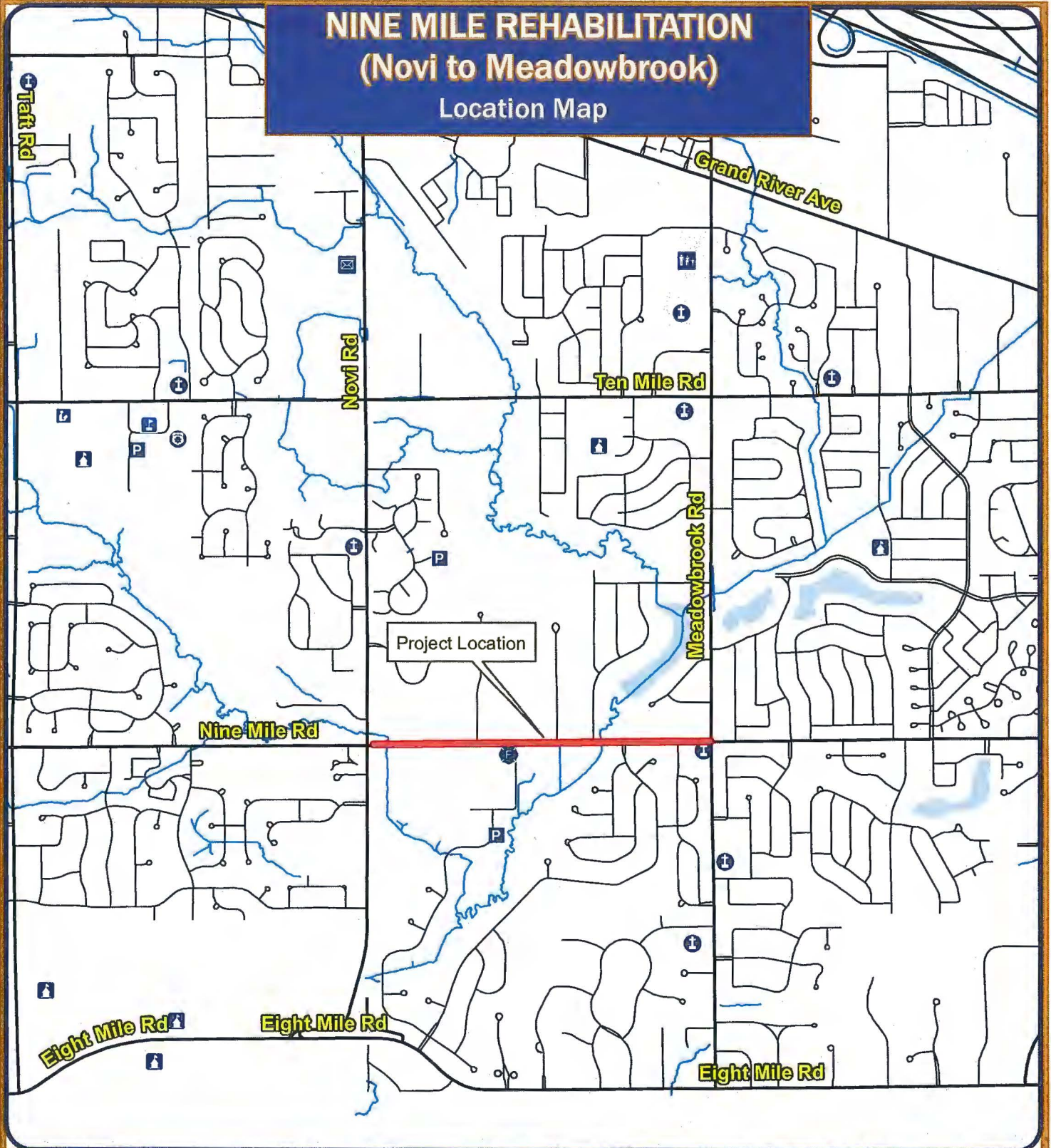
RECOMMENDED ACTION: Approval to award an amendment to the engineering services agreement with Spalding DeDecker Associates for additional design engineering services for the Nine Mile Road Rehabilitation (Meadowbrook to Novi) in the amount of \$13,980.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Markham				

	1	2	Y	N
Council Member Mutch				
Council Member Poupard				
Council Member Wrobel				

NINE MILE REHABILITATION (Novi to Meadowbrook)

Location Map



Map Author: Croy
Date: 3/15/13
Project: Nine Mile Rehab (Novi-Meadowbrook)
Version #: v1.0

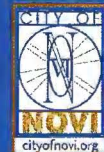


MAP INTERPRETATION NOTICE

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.



1 inch = 2,000 feet



City of Novi
Engineering Division
Department of Public Services
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Novi, MI 48375
cityofnovi.org

Authorization for Additional Services #1

Project: **Engineering Services for
9 Mile Rehab**

Date: 07/31/2015

Description of Additional Services

The proposed design of the project has been updated to include:

- The project has been on hold since August 2014 at the request of the City of Novi. There is time associated with stopping and restarting the project and the work completed up to the date of the stoppage needs to be evaluated to make sure it is meeting current design standards and requirements of the MDOT LAP Program that have changed in the past year.
- Additional ADA ramp upgrades and permanent pavement markings, restoration, structure repairs, tree protection, guardrail removal, addition of concrete work at Novi Rd intersection, aggregate base conditioning in pavement removal areas and subsequent increase in crew days. Engineer's estimate increased from \$381,490.00 to \$595,730.00, for which the design fee can be calculated based on the Engineering Fee Tables.

Original scope of work:

- Topographic Survey – SDA will perform pickup topographic survey for the pavement rehabilitation portion of the project, with full survey performed for ADA ramp upgrades. The survey data will correspond to the State Plane Coordinate System Michigan, South Zone-6401, using NAD83, NAVD88 datum.
- Base Plans – following the topographic survey and initial layout of the project, SDA will submit base plans with detailed cost estimates to the City to ensure the project goals and budget are being met.
- Local Agency Permit application – Once funding has been allocated, SDA will assist the City in preparing and submitting the MDOT LAP application.
- Preliminary Plans – Design work will proceed following base plan review and acceptance of the LAP application. Plans, special provisions, and the estimate will be submitted to MDOT in their required formats for review and scheduling of the Grade Inspection (GI) meeting.
- Final Plan Preparation – Following the GI meeting, and once any grading permits have been obtained and recorded, the Final Plans and supporting documents will be submitted to MDOT for the bidding and letting (bid opening) phases.

Amount authorized for original scope: \$33,953.00

Proposed scope of work:

- Update design plans and quantities to incorporate additional work items listed above. Adjustment of design fee due to the addition of work items and design quantity updates is based on the Engineering Fee Tables at 7.75%. The additional fee is $(\$595,730.00 \times .0775) - \$33,953 = \$12,216.00$
- Reinitiating project design - \$588
- Review previous design to ensure it meets current MDOT LAP Program requirements - \$1,176

Proposed budget amount for new scope: \$47,933.00

Based on the revised scope of services, we request authorization for an increase of \$13,980.00 to the amount authorized under the previous scope of services.

SPALDING DEDECKER

Requested by: Edward Strada Date: 07/31/2015
Edward Strada, Project Manager

CITY OF NOVI

Reviewed by: BCE Date: 8/3/15
Brian Coburn, Engineering Manager

Approved by: RH Date: 8/3/15
Rob Hayes, Director of Public Services

Approved by: _____ Date: _____
Sue Morianti, Purchasing Manager