



CITY of NOVI CITY COUNCIL

Agenda Item F
April 22, 2013

SUBJECT: Approval to award an amendment to the engineering services agreement with URS Corporation for construction engineering services related to the 2013 Neighborhood Road Program—Contract 1 (Concrete), in the amount of \$32,617.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division

CITY MANAGER APPROVAL:

EXPENDITURE REQUIRED	\$ 32,617
AMOUNT BUDGETED	\$354,000
LINE ITEM NUMBER	203-203.00-805.433

BACKGROUND INFORMATION:

For several years, the City Council has made it a goal to invest annually in neighborhood streets to maintain the City's local road network. To implement this goal, the City selects several residential streets to be addressed based on an evaluation of the pavement condition using PASER ratings, field observations by staff, and resident concerns. The 2013 Neighborhood Road Program will implement the City's Asset Management approach for pavements that was established in 2009. This project includes multiple treatment methods which were determined during the design process based on our asset management approach that is focused on preventative maintenance where appropriate and designed to extend the life of the City's roads in the most cost-effective manner.

The asset management program stresses the importance of using preventative maintenance to preserve good quality roads using low-cost rehabilitation techniques, rather than allowing the roads to deteriorate to a point that requires reconstruction involving much more effort at a higher cost. Roads that have deteriorated significantly will be addressed with rehabilitation methods such as overlays, panel replacements, and joint repairs to allow more efficient application of available road funds to maximize the number of neighborhood streets included in each year in the program. This program will consist of two separate contracts: one for concrete pavement and the other for asphalt. This contract addresses the rehabilitation of concrete streets listed below:

Road Segment	From	To	Material	PASER	Treatment
Keenan Ct	Williams Dr	End	Concrete	4	Reconstruct
Sullivan Ln	Williams Dr	Kali Ct	Concrete	4	Partial Reconstruct
Dunbarton Dr	Taft Rd	Huntington Cr	Concrete	4	Joint/Slab Repair
Midway Dr	Roundview Dr	200 Feet	Concrete	6	Joint/Slab Repair
Broquet Dr	Glen Haven Cir	Meadowbrook	Concrete	3	Joint/Slab Repair
Onaway Ct	Onaway Dr	End	Concrete	5	Joint/Slab Repair
Onaway Dr	Glen Haven Cir	Onaway Ct	Concrete	3	Joint/Slab Repair
Pellston Dr	Glen Haven Cir	End	Concrete	3	Joint/Slab Repair
Roscommon Dr	Glen Haven Cir	End	Concrete	5	Joint/Slab Repair
Queens Pointe Dr	Park Ridge Rd	Kings Pointe	Concrete	4	Joint/Slab Repair

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 fees for this project include a contract administration fee of \$20,647.07 (6.1% of the \$338,476 construction bid) and an inspection fee of \$11,520 (\$615 per crew day, multiplied by the 18 days provided in the contractor's bid) for a total fee of \$32,617.

The construction contract award is proposed for consideration elsewhere on this agenda. It is anticipated that the construction of the project will begin this summer and be completed this construction season.

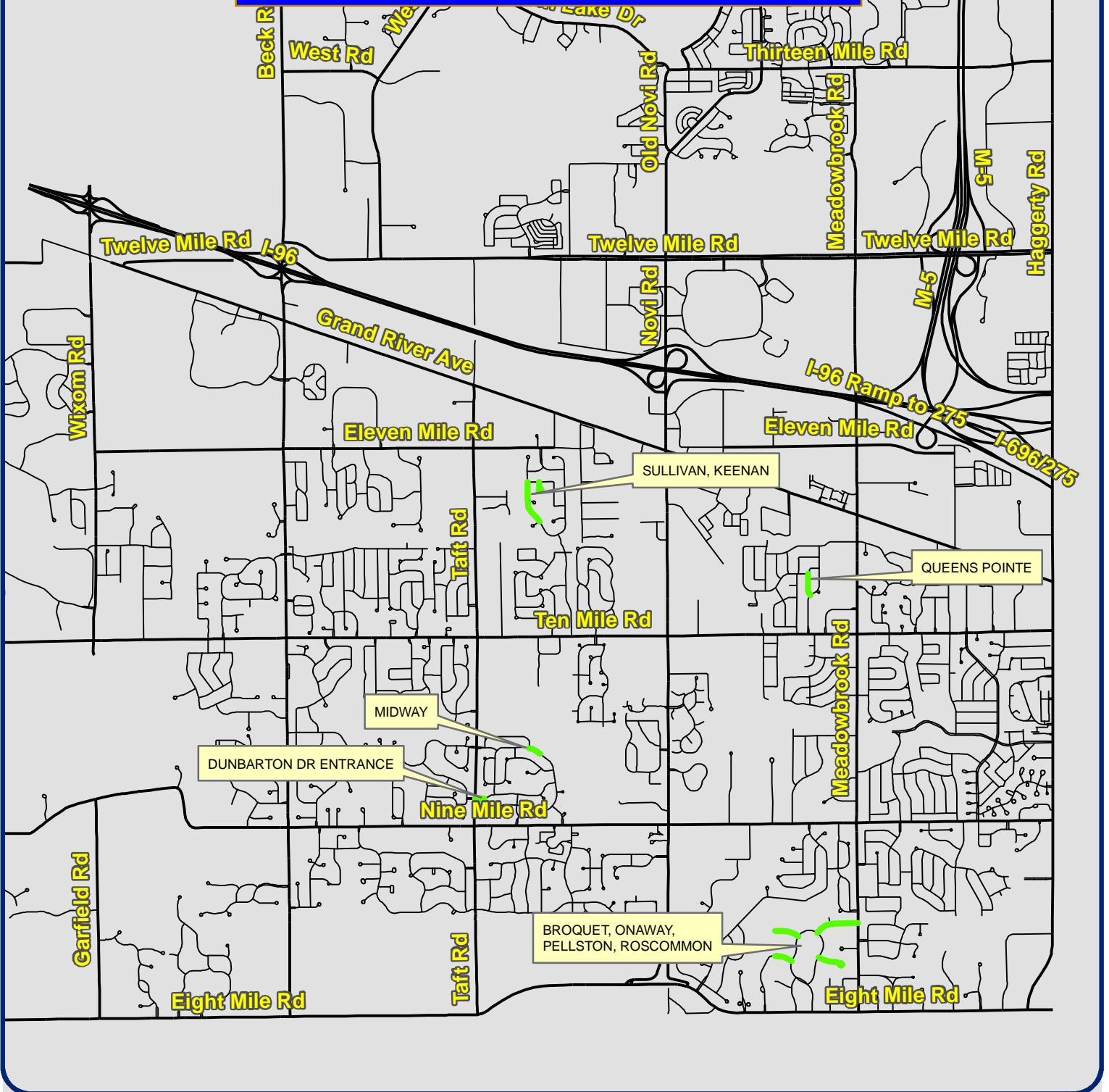
RECOMMENDED ACTION: Approval to award an amendment to the engineering services agreement with URS Corporation for construction engineering services related to the 2013 Neighborhood Road Program—Contract 1 (Concrete), in the amount of \$32,617.

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

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

2013 Neighborhood Roads - Concrete

Location Map



Map Author: Croy
 Date: 4/12/2013
 Project: 2013 NRP Concrete
 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.

Legend

 2013 Concrete Streets



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



1 inch = 3,885 feet

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

**2013 NEIGHBORHOOD ROADS PROGRAM - CONCRETE AND
2013 CAPITAL PREVENTATIVE MAINTENANCE PROGRAM (LOCAL STREETS)**

First Amended Agreement between the City of Novi, 45175 W. Ten Mile Road, Novi, MI 48375-3024, hereafter, “City,” and URS Corporation – Great Lakes, whose address is 27777 Franklin Road, Suite 2000, Southfield, MI 48034, 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 September 25, 2012 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 \$20,647.07, which is 6.1% of the awarded construction cost for the project (\$338,476.60) as indicated on the Design and Construction Engineering Fee Curve and more specifically as follows:
 1. Segments that require reconstruction (which includes full topographic survey) shall have a construction administration fee calculated at 7.0% of the estimated total construction cost (\$338,476.60). The current construction cost estimate for reconstruction work is \$186,749.80.
 2. Segments that require rehabilitation (which does not require full topographic survey) shall have a construction administration fee calculated at 5.0% of the total estimated construction cost (\$338,476.60). The current construction cost estimate for rehabilitation work is \$151,726.80.
 - ii. Construction Inspection: The Consultant shall complete Construction Inspection services for \$640 per crew day 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

URS Corporation – Great Lakes

By:

Its:

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

Notary Public

_____ County, Michigan

My Commission Expires: _____

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: _____