



CITY of NOVI CITY COUNCIL

**Agenda Item H
December 21, 2015**

SUBJECT: Approval to award additional material testing and geotechnical services to Soil & Materials Engineers for the 2015 Neighborhood Road projects in the amount of \$20,277.

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

CITY MANAGER APPROVAL:

EXPENDITURE REQUIRED	\$ 20,277
AMOUNT BUDGETED	\$ 20,277
LINE ITEM NUMBER	203-203.00-805.435

BACKGROUND INFORMATION: *PR*

In accordance with the Agreement for Geotechnical Engineering Consultant Services for Public Projects that was approved by City Council at the June 16, 2014 regular meeting, Soil & Materials Engineers (SME) was selected to provide construction phase material testing services for the 2015 Neighborhood Road Program. The original contract amount was under \$15,000 and was awarded administratively.

As the work proceeded, staff became aware that additional material testing would be required and worked with the consultant to develop the updated fee estimate. The material testing work is necessary to ensure that the specifications are being met by the contractor, resulting in a quality product that performs as designed.

Staff recommends the award of an additional \$20,277 of material testing for some work performed to date and for work to complete the 2015 Neighborhood Road Program in the spring.

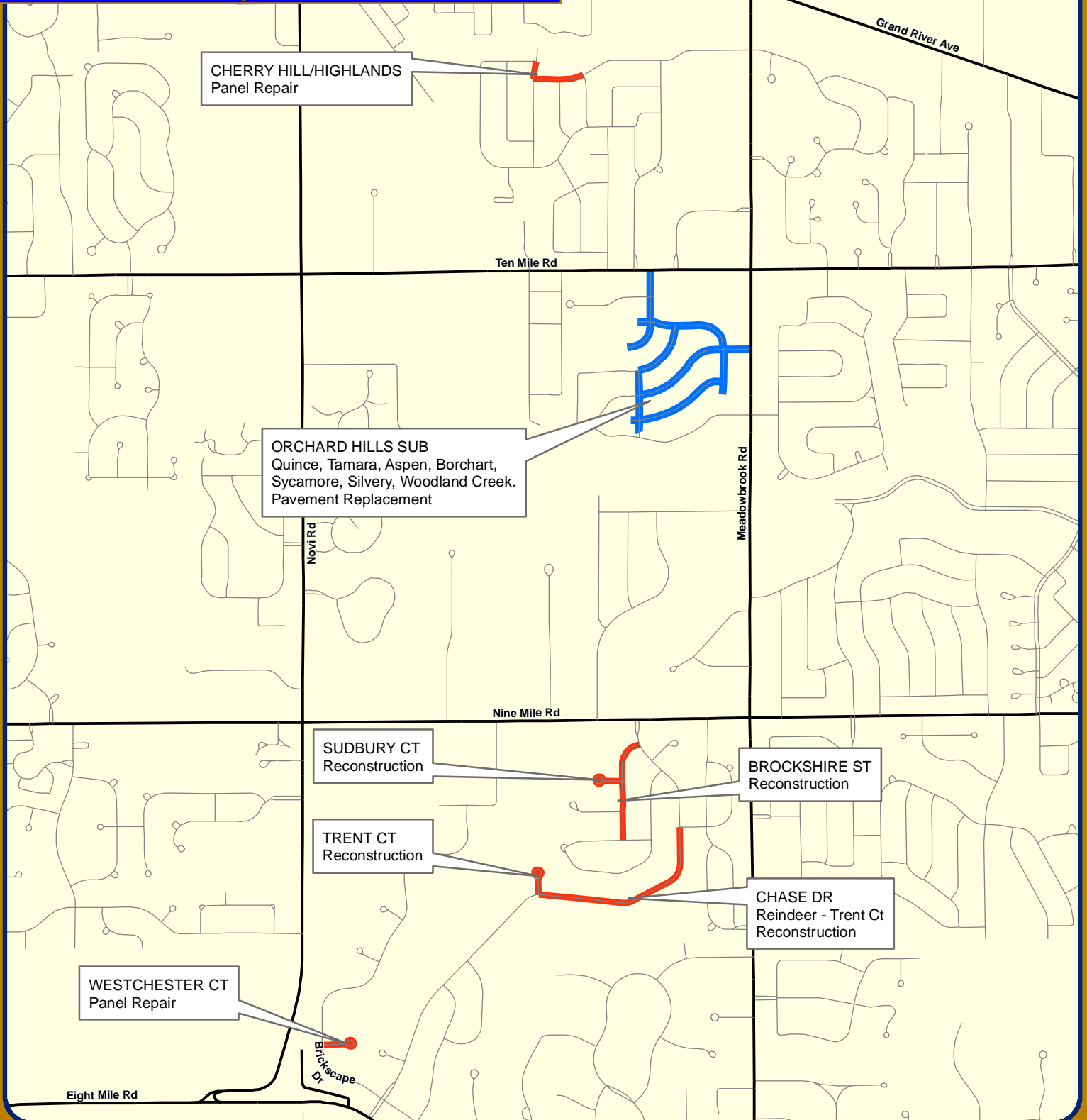
RECOMMENDED ACTION: Approval to award additional material testing and geotechnical services to Soil & Materials Engineers for the 2015 Neighborhood Road projects in the amount of \$20,277.

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

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

2015 Neighborhood Road Program

April 2015



Map Author: Croy
Date: 4/8/15
Project: 2015 NRP
Version #: v2.0

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 232 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

Map Legend

- 2015 Concrete Streets
- 2015 Asphalt Streets



Feet
0 325 650 1,300 1,950

1 inch = 1,600 feet



City of Novi

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December 1, 2015

Mr. Brian T. Coburn, P.E.
Engineering Manager
City of Novi
45175 W Ten Mile Rd
Novi, MI 48375

Transmitted via Email: bcoburn@cityofnovi.org

RE: Construction Materials Services
Novi Neighborhood Streets Project
City of Novi, Michigan
SME Project 069616.11

Dear Mr. Coburn:

This letter confirms our understanding of the field services required for the Neighborhood Streets paving project in the City of Novi. Our schedules of fees to provide these services are included with the proposal for Geotechnical Engineering and Consultant Services dated February 12, 2014. This project consists of the paving of several neighborhood streets including Brockshire, Chase and Westchester Court. We have spoken to the field rep from OHM who indicated that the project is approximately 75% complete, with the remainder of the project to be completed next spring.

Our services for this project have consisted of performing proofroll evaluations of the subgrade soils, performing density tests on the engineered fills and aggregate base materials and performing field tests on the plastic concrete and molding cylinders for compressive strength testing of the concrete. Our services to date have consisted of the following:

- 15 site visits to perform to perform proofroll evaluations of the subgrade soils
- 16 site visits to perform in-place density tests on the fill and aggregate base and perform testing of the concrete
- Molding and testing of 81 concrete cylinders
- 2 laboratory Proctor tests

Our fees to date are approximately \$25,000. Additionally, we anticipate providing similar services next spring, when construction of the project is to be completed. Since OHM has indicated the project is approximately 75% complete, we recommend a budget of \$35,000 be established to cover our fees for the work performed this year, along with the remainder of the work to be completed next year.

If you have any questions regarding this letter, please contact us.

Yours very truly,

SME

Gerard P. Madej, P.E.
Vice President