

# CITY of NOVI CITY COUNCIL

**Agenda Item E**  
**July 19, 2010**

**SUBJECT:** Approval to award an amendment to the engineering services contract for additional construction engineering services to Anderson, Eckstein and Westrick, Inc. related to the 2009 Neighborhood Road Program in the amount of \$35,397 (of which \$7,280 is offset by charges to the construction contractor for exceeding the number of crew days that were in the construction contract).

**SUBMITTING DEPARTMENT:** Department of Public Services, Engineering Division *STC*

**CITY MANAGER APPROVAL** *PH*

<b>EXPENDITURE REQUIRED</b>	<b>\$35,397</b>
<b>AMOUNT BUDGETED</b>	<b>\$135,000</b>
<b>LINE ITEM NUMBER</b>	<b>203-203.00-805.429</b>

## BACKGROUND INFORMATION:

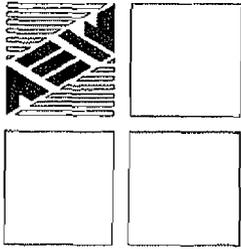
The construction engineering for the 2009 Neighborhood Road Program was awarded to Anderson, Eckstein, and Westrick (AEW) on June 15, 2009 in the amount of \$73,700. The construction contract was awarded to Hard Rock Concrete at the same Council meeting. The original construction contract included only repairs and patching on Serenity Drive in Timber Ridge subdivision, and AEW's engineering fees also reflected this limited scope. A change order was issued to the contractor in September 2009 to remove patching work on Scenic Drive and replace it with the full reconstruction of Serenity (between Scenic and Ironside) and Vista Drive to take advantage of the savings from Hard Rock's highly competitive bid to complete more work under the contract. Additionally, the scope of the slab replacement on Kingspointe and Broquet was expanded to include additional areas. The net increase to the construction contract was \$93,052. In its December 14, 2009 request (attached), AEW is requesting \$35,397 in additional fees for added contract administration and inspection work related to these increases in scope.

The request includes \$8,657 in additional fees for added contract administration related to the increase in project scope, which specifically included more soil erosion inspections, material testing, and general contract administration time. AEW is also requesting an increase of 47.75 crew days at a cost of \$560 per day for a total increase in inspection costs of \$26,740. The contractor has been awarded 35 additional crew days through change orders for the additional project scope. However, the contractor exceeded its contractual number of crew days by 13 crew days. Therefore, \$7,280 (or 13 days at \$560 per day) has been deducted from the contractor's final pay estimate (also on this agenda for consideration) to offset some of the additional engineering fees, resulting in an actual net increase of \$28,117. Staff has reviewed the request, verified its merits, and recommends award.

**RECOMMENDED ACTION:** Approval to award an amendment to the engineering services contract for additional construction engineering services to Anderson, Eckstein and Westrick, Inc. related to the 2009 Neighborhood Road Program in the amount of \$35,397 (of which \$7,280 is offset by charges to the construction contractor for exceeding the number of crew days that were in the construction contract).

	1	2	Y	N
<b>Mayor Landry</b>				
<b>Mayor Pro Tem Gatt</b>				
<b>Council Member Crawford</b>				
<b>Council Member Fischer</b>				

	1	2	Y	N
<b>Council Member Margolis</b>				
<b>Council Member Mutch</b>				
<b>Council Member Staudt</b>				



# ANDERSON, ECKSTEIN AND WESTRICK, INC.

51301 Schoenherr Road, Shelby Township, Michigan 48315  
Civil Engineers • Surveyors • Architects 586-726-1234

## Authorization for Additional Services #1

Project: **Engineering Services for  
2009 Neighborhood Roads Program – Contract 2**

Date: 12-14-09

**City of Novi  
AEW Project No. 0822-0016**

The contract allows for additional services to be provided by Anderson, Eckstein and Westrick, Inc., with compensation to be charged hourly.

### Description of Service (Limited)

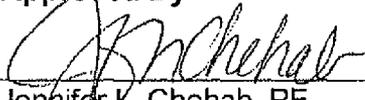
The City of Novi changed the scope of work after construction began. The majority of the patching program was removed and replaced by full reconstruction of Serenity Drive, between Scenic and Ironside, and Vista Drive. Additional patching was added to Kingspointe and structure adjustments were added to Morgan Creek. The following list details additional costs actually accrued to date and estimated to complete the project:

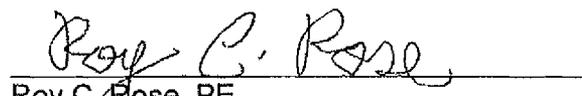
- 47.75 additional crew days accrued through September 29 (\$26,740.00)
- Four additional soil erosion control inspections (\$600.00)
- Additional concrete testing by G2 Consultants (\$5,406.50)
- Additional administrative time (\$1,750.00)
- Additional field time for as-built survey on additional reconstructed streets (\$900.00)

Estimated Cost for Additional Services: \$35,396.50

NOTE: AEW will provide field notes for the as-built field survey to the City of Novi, since no construction plan was prepared for Serenity and Vista Drives. If the City requires an as-built plan be prepared for Vista and Serenity Drives, AEW will provide a proposal for performing this work.

### Approved By

  
Jennifer L. Chehab, PE  
Senior Project Engineer

  
Roy C. Rose, PE  
President

CITY OF NOVI

Date

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