

CITY of NOVI CITY COUNCIL

**Agenda Item M
December 21, 2009**

SUBJECT: Approval to award an amendment to the engineering services contract for additional construction phase engineering services to Anderson, Eckstein and Westrick, Inc. related to the Vista Hills Pavement Resurfacing project in the amount of \$9,100.

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

CITY MANAGER APPROVAL: *[Signature]* *RA*

EXPENDITURE REQUIRED	\$9,100
AMOUNT BUDGETED	\$135,000 (includes engineering for 2009 Neighborhood Road and Vista Hills)
APPROPRIATION REQUIRED	\$0 (offset by reduction in construction contract using crew days)
LINE ITEM NUMBER	203-203.00-805.429

BACKGROUND INFORMATION:

The City's consulting engineer for this project, Anderson, Eckstein & Westrick, Inc., (AEW) administered the construction contract for the Vista Hills Pavement Resurfacing project. Nagle Paving Company was the contractor

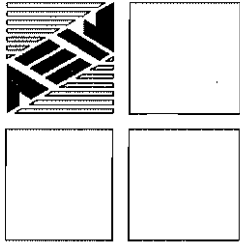
For this project, the Engineering Division instituted the concept of Crew Days which is defined as any operation performed by the contractor that requires a full time construction observer. The contractor will bid the number of Crew Days he estimates it will take to substantially complete the project at a predetermined rate for the consulting engineer's inspector. If the contractor completes the work using fewer Crew Days than stated in the bid, then upon final payment, he shall receive an amount equal to the unused Crew Days. If the contractor has exceeded the number of Crew Days stated in the bid, then the City will deduct an amount equal to the number of excess Crew Days used from the contract price to pay the Consultant for additional construction inspection and contract administration time.

For this project, the contractor bid 12 crew days and used a total of 28.25 crew days, resulting in an overage of 16.25 crew days. As a result of the overage, the contract amount will be reduced by \$9,100 (16.25 crew days times \$560.00 per crew day) to offset the additional work effort of the consultant to provide inspection services for the additional crew days. (Nagle's final payment is a separate item on this agenda).

RECOMMENDED ACTION: Approval to award an amendment to the engineering services contract for additional construction phase engineering services to Anderson, Eckstein and Westrick, Inc. related to the Vista Hills Pavement Resurfacing project in the amount of \$9,100.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Gatt				
Council Member Crawford				
Council Member Fischer				

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



ANDERSON, ECKSTEIN AND WESTRICK, INC.

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

September 25, 2009
Revised October 1, 2009

Aaron Staup, Construction Coordinator
City of Novi
26300 Delwal Drive
Novi, Michigan 48375

Reference: Request for Fee Adjustment
Vista Hills Pavement Resurfacing
AEW Project No. 0822-0014

Dear Aaron:

As you are aware, inspection fees for the referenced project are charged through the construction contract via the "Crew Day." Based on our agreement for engineering services, our fee for Crew Days is \$560 per day. For this project, the Contractor, Nagle Paving, used 28.25 Crew Days, even though they only bid 12. This overage of 16.25 Crew Days is due to a change in the scope of work due to the addition of structure adjustments, slow progress by the Contractor, and several instances in which the Contractor did not work but failed to cancel previously scheduled inspection.

Typically, the entire overage amount is backcharged to the Contractor. However, since structure adjustments were added to the scope of this project by the City, the Contractor was granted an additional 7 Crew Days (\$3,920) at the City's expense. The Contractor was backcharged the remaining 9.25 Crew Days (\$5,180) on the previous pay estimate for this project.

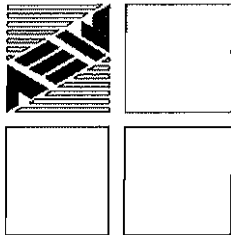
As such, we request an adjustment to our inspection fee of **\$9,100** to account for the 16.25 additional Crew Days required for the successful completion of this project. If you have any questions, please call.

Sincerely,


Jennifer L. Chehab, PE
Senior Project Engineer

cc: Ben Croy, City of Novi

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ANDERSON, ECKSTEIN AND WESTRICK, INC.

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

December 10, 2009

Aaron Staup, Construction Coordinator
City of Novi
26300 Delwal Drive
Novi, Michigan 48375

Reference: Vista Hills Pavement Resurfacing
AEW Project No. 0822-0014

Dear Aaron:

During construction of the Vista Hills project, the City decided to add structure adjustments and reconstruction to the project. Contract modification #1 increases the contract to reflect this additional work, including seven crew days. Additionally, the contractor removed and replaced much less base material than was anticipated prior to construction because, overall, the base was in better condition than expected. Contract modification #2 (final balancing) reduces the contract to reflect actual quantities constructed. Below is the final accounting for the project:

Original amount bid (base bid and Alternate B):	\$173,247.75
Amount awarded (contract amount):	\$190,000.00
Contract modification #1 (increase):	+ \$12,937.36
New contract amount:	\$202,937.36
Contract modification #2 (decrease):	- \$33,206.70
Final contract amount:	\$169,730.66
Estimate #1 (September, 2009):	\$135,057.00
Estimate #2 (Current estimate, Final):	\$ 18,853.66
	\$153,910.66
Crew Days (Shown as "current adjustments"; 28.25 total):	\$ 15,820.00
	\$169,730.66

If you have any questions regarding the final accounting, please call.

Sincerely,


Nancy E. Shirkey, PE
Senior Project Engineer

cc: Ben Croy, City of Novi
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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.

City Of Novi



Vista Hills Location Map

