



CITY of NOVI CITY COUNCIL

www.cityofnovi.org

**Agenda Item K
August 27, 2007**

SUBJECT: Approval of a contract extension to URS Corporation to provide design engineering services for the Beck Road Repaving project (Ten Mile Road to just south of Grand River Avenue) for an additional not-to-exceed design fee of \$10,980 for the addition of the Eleven Mile to Grand River Avenue segment to the project.

SUBMITTING DEPARTMENT: Engineering *RA*

CITY MANAGER APPROVAL *[Signature]*

EXPENDITURE REQUIRED	\$10,980
AMOUNT BUDGETED	\$465,000
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	202-202.00-805.236

BACKGROUND INFORMATION:

The March 20, 2007 request for proposals for Beck Road engineering included the following scope: Project 1—Reconstruction of Ten Mile Road and Beck Road intersection, Project 2—Repaving of Beck Road (Ten Mile Road to Eleven Mile Road, and Project 3—Repaving of Beck Road (Eleven Mile Road to south of Grand River Avenue), as depicted on the attached map showing project locations. The engineering services for Projects 1 and 2 were awarded by City Council earlier this year. However, Project 3 was not awarded for engineering at the time due to funding constraints. Since that time, the City has learned that a Congestion Mitigation/Air Quality (CMAQ) grant covering 80% of the reconstruction of Ten Mile Road and Beck Road has been awarded (see Rob Hayes' July 26th e-mail, attached).

The award of the grant provides an opportunity to complete an additional section of repaving on Beck Road this year. Based on the bid received for the repaving project, it is possible to complete all three projects within the existing budget with the inclusion of the grant. URS has agreed to complete the additional design effort for Project 3 for the original amount proposed (see attached URS letter dated July 10, 2007). The award of these additional design engineering services reflects the effort to design and prepare plans for the Eleven Mile Road to Grand River Avenue section of the Beck Road Repaving project.

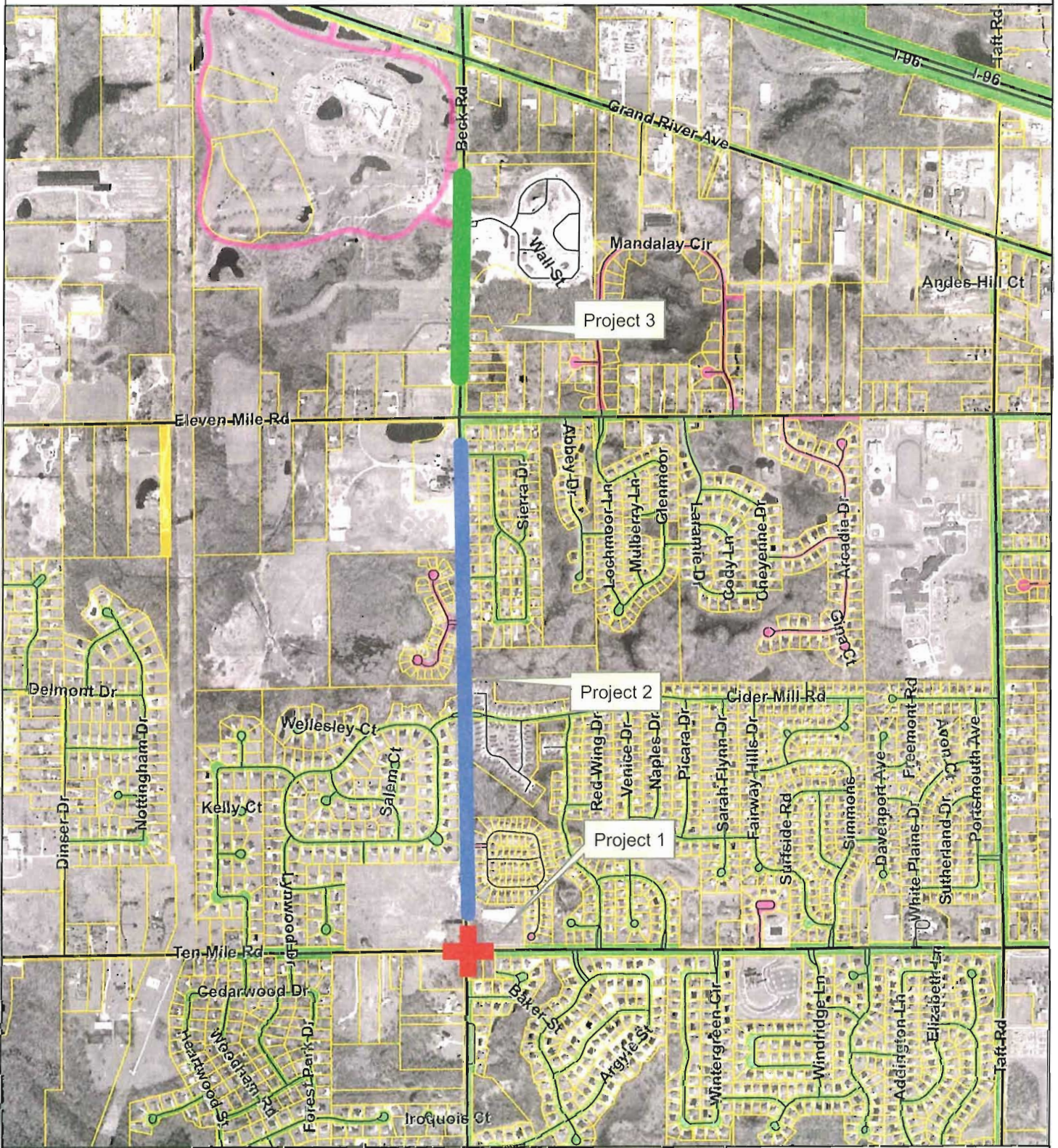
RECOMMENDED ACTION: Approval of a contract extension to URS Corporation to provide design engineering services for the Beck Road Repaving project (Ten Mile Road to just south of Grand River Avenue) for an additional not-to-exceed design fee of \$10,980 for the addition of the Eleven Mile to Grand River Avenue segment to the project.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Capello				
Council Member Gatt				
Council Member Margolis				

	1	2	Y	N
Council Member Mutch				
Council Member Nagy				
Council Member Paul				

Project Location Map

Beck Road Improvements



Geographic
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CITY OF NOVI
 ENGINEERING DIVISION
 48175 W. TEN MILE ROAD
 NOVI, MI 48375
 (248) 347-0434
 WWW.CI.NOVI.MI.US



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 or as defined in Michigan Public Act 132 of 1979, as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

FEE COMPARISON FOR BECK ROAD PROJECTS 1, 2 AND 3

Firm	Project 1 Total Fee	Project 2 Total Fee	Project 3 Total Fee	TOTAL FEE Project 1 and 2	RANK	GRAND TOTAL	RANK
URS	\$ 34,500.00	\$ 42,900.00	\$ 22,875.00	\$ 77,400.00	1	\$ 100,275.00	1
Anderson Eckstein & Westrick	\$ 38,112.00	\$ 62,120.00	\$ 35,777.00	\$ 100,232.00	2	\$ 136,009.00	3
Fishbeck Thompson Carr & Huber	\$ 52,581.60	\$ 50,770.00	\$ 33,008.60	\$ 103,351.60	3	\$ 136,360.20	5
Stantec	\$ 46,800.00	\$ 57,320.00	\$ 32,019.00	\$ 104,120.00	4	\$ 136,139.00	4
Spalding DeDecker	\$ 71,833.00	\$ 39,260.00	\$ 24,846.00	\$ 111,093.00	5	\$ 135,939.00	2
Orchard Hiltz & McCliment	\$ 63,740.00	\$ 49,250.00	\$ 25,725.00	\$ 112,990.00	6	\$ 138,715.00	6



July 10, 2007

Mr. Brian T. Coburn, PE
City of Novi
45175 W. Ten Mile Road
Novi, MI 48375-3024


**Reference: Proposal for Additional Engineering Services for
2007 Neighborhood Road Program**

Dear Brian:

As previously discussed, we are submitting this letter proposal for additional design services for the **Beck/Ten Mile Road Intersection Improvement Project**. These services include the following:

- **Additional Design Engineering Services for administering project through the MDOT Local Agency Program.** Since the City of Novi was able to secure a Congestion Mitigation Air Quality (CMAQ) Grant, this project will have to follow the MDOT Local Agency Program Requirements. This will impact the project schedule, plan format, and project letting. In addition, a Grade Inspection (G.I.) with MDOT will now be required. The design cost associated with these services is **\$7,000**.
- **Additional Construction Engineering Services for administering project through the MDOT Local Agency Program.** As mentioned above, the project will now have to follow the MDOT Local Agency Program Requirements, This requires additional construction administration time and daily paperwork (i.e. payroll review, subcontract review, etc...) for the Construction Engineering Phase of the project. As discussed with the City of Novi, we are not including additional fee for these services at this time. This item will be revisited after project construction has started.

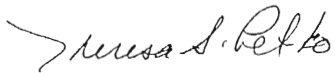
This results in a revised maximum fee for the design phase of **\$23,560**.

 In addition, it is our understanding that the **Beck Road Repaving Project (Eleven Mile to Providence Hospital)** will now be moving forward. URS will be happy to provide these services per our proposal submitted to the City on April 9th.

If you have any questions or comments, please feel free to call.

Sincerely,

URS Corporation


for Khaled Soubra, Ph.D., PE
Vice President – Operations


Sean N. Kelsch, PE
Project Manager

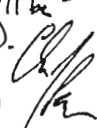
SNK/mm

Pearson, Clay

From: Hayes, Rob
Sent: Thursday, July 26, 2007 4:19 PM
To: Pearson, Clay
Cc: Antil, Pam; Place, Melissa; Smith-Roy, Kathy; Schultz, Thomas; Coburn, Brian
Subject: Ten/Beck CMAQ Grant Award

7-26-07
To: Mayor and City
Council Members

Interested in your thoughts;
significant grant funds secured by
Engineering, would mean doing
intersection work a bit (will be
same time as Wikom/96 down).



Clay:

I just received a call from Steve Brudzinski of SEMCOG and he notified me that at this afternoon's meeting, SEMCOG's Executive Committee officially approved our grant request for improving the Ten Mile/Beck intersection. This Congestion Mitigation and Air Quality (or CMAQ) improvement grant will provide \$202,000 or 80% of the cost of the intersection widening project. *

Because these federal funds won't be available until after the start of the Federal fiscal year (October 1st), I suggest that we defer final design and reconstruction of the Beck/Ten intersection until spring 2008, and instead complete the Beck/Eleven Mile to Providence Hospital Repaving Project (currently slated for FY 08/09) concurrent with the Beck/Ten to Eleven Mile Repaving Project this construction season. In the interim, we will continue to work with the City Attorney's office to acquire all right-of-way needed for the intersection project.

A total of \$870,000 is currently budgeted for Beck Road. In order to complete all three projects (Ten to Eleven repaving and Eleven to Providence repaving this year; and the Beck/Ten intersection in spring 2008) it is estimated that an additional \$147,000 will need to be appropriated during this fiscal year.

Please let me know if you have any questions or comments regarding the grant award or the proposed approach for completing these short-term Beck Road improvements.

Rob Hayes, P.E.
City Engineer, City of Novi
45175 W. Ten Mile Road
Novi, Michigan 48375
Phone: 248-347-0454
Fax: 248-735-5683