



**CITY of NOVI CITY COUNCIL**

**Agenda Item 4  
April 7, 2008**

**SUBJECT:** Approval of engineering contract amendment to URS Corporation for additional construction engineering services for the 2007 Neighborhood Road Program in the amount of \$29,874 (equal to 6.4% of the Contract 3 construction award amount).

**SUBMITTING DEPARTMENT:** Engineering *RH*

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

<b>EXPENDITURE REQUIRED</b>	<b>\$29,874</b>
<b>AMOUNT BUDGETED</b>	<b>\$200,000</b>
<b>APPROPRIATION REQUIRED</b>	<b>\$25,860</b>
<b>LINE ITEM NUMBER</b>	<b>203-203.00-805.427</b>

**BACKGROUND INFORMATION:**

The 2007 Neighborhood Road project is substantially complete and because of the highly competitive bids that were received in June 2007 for Contract 1 and Contract 2, approximately \$500,000 remains in the construction budget for this fiscal year. As such, the City Council awarded the design engineering of two additional street segments to URS (the consultant for the project) at the November 26, 2007 City Council meeting. It was stated at that time that construction engineering would be awarded at the time of award to a contractor.

The construction award for 2007 Neighborhood Roads--Contract 3 is presented elsewhere on this agenda for consideration in the amount of \$466,776. For construction engineering services, URS' fee is based on a fixed 6.4% of construction as stated in their original proposal. As such, their construction engineering fee for Contract 3 is \$29,874.

**RECOMMENDED ACTION:** Approval of engineering contract amendment to URS Corporation for additional construction engineering services for the 2007 Neighborhood Road Program in the amount of \$29,874 (equal to 6.4% of the Contract 3 construction award amount).

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

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



**CITY of NOVI CITY COUNCIL**

**Agenda Item F  
November 26, 2007**

**SUBJECT:** Approval of a contract extension to URS Corporation to provide additional engineering services for the 2007 Neighborhood Streets Project - Phase II in the amount of \$25,500.

**SUBMITTING DEPARTMENT:** Engineering *Rbr*

**CITY MANAGER APPROVAL** *[Signature]*

<b>EXPENDITURE REQUIRED</b>	\$25,500
<b>AMOUNT BUDGETED</b>	\$2,700,000 (of which approximately \$520,000 is available)
<b>LINE ITEM NUMBER</b>	203-203.00-865.417

**BACKGROUND INFORMATION:**

The budget for fiscal year 2007-2008 included \$200,000 for engineering and \$2,500,000 for construction of the 2007 Neighborhood Streets Project. The 2007 project is now substantially complete and because of the highly competitive bids that were received in June 2007, approximately \$520,000 remains in the budget for this fiscal year (see attached URS letter dated November 20, 2007 for budget breakdown).

As background, the prioritization and analysis of streets that were considered for reconstruction in 2007 was documented in the *Scoping Report for 2007 Neighborhood Roads Program* prepared by the Engineering Department and its consultant (URS) in March 2007. The attached summary and recommendation section of the report lists 17 of the worst street segments and prioritizes them based on an evaluation of various condition criteria, such as percentage of deficient transverse joints, percentage of deficient longitudinal joints, supplemental cracks per 100 feet of roadway and the 2006 PASER rating.

Of the 17 segments identified in the study, 12 segments have been completed, including the southeast half of Galway Drive west of Taft Road. (The northwest half of Galway was not completed this past summer in order to maintain access during the Taft Road reconstruction, but this part of Galway will be re-prioritized in 2008). The remaining five segments include:

Street Segment	Priority Rank from 2007 Scoping Study	Estimated Construction Cost (updated 11/19/07 based on current contractor prices)
Elizabeth Lane (Ton Mile to Addington)	10	\$311,904
Sunnybrook Lane (Beck to Whitehall)	12	\$159,755
Welch Road (Galway to city limit)	15	\$119,077
Welch Circle	16	\$27,642
Worcester Drive	17	\$326,000
<b>TOTAL CONSTRUCTION COST</b>		<b>\$944,378</b>

As a continuation of the 2007 program and to complete the remainder of the FY07/08 budget, the Engineering Department is recommending that City Council extends URS' engineering contract in order to design the reconstruction of selected additional concrete streets. This approach would allow design and bidding to be completed this winter, and for construction to commence as soon as possible in the spring and be completed by the end of the current fiscal year.

Based on the remaining budget amount, the Engineering Department recommends completing the highest priority streets: Elizabeth Lane and Sunnybrook Lane for a total estimated construction cost of \$471,659. The remaining streets listed in the table above (Welch Road, Welch Circle and Worcester Drive) along with the remainder of Galway, will be prioritized for inclusion in the FY2008-09 Neighborhood Streets project.

The Engineering Department requested a proposal from URS (the consultant for the 2007 Neighborhood Streets Program) for design, bidding and construction engineering services (see attached letter from URS dated November 20, 2007). URS' fee to complete the design phase and bidding phase engineering services for the reconstruction of Elizabeth Lane and Sunnybrook Lane is \$25,500. (The fee for construction phase services would still be 6.4% of the construction contract, as previously awarded.)

The design will be completed by February 2008 to allow bidding to take place in March 2008. Construction will follow from April through June 2008.

**RECOMMENDED ACTION:** Approval of a contract extension to URS Corporation to provide additional engineering services for the 2007 Neighborhood Streets Project - Phase II in the amount of \$25,500.

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

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



November 20, 2007

Mr. Brian T. Coburn  
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 and surveying services for the 2007 Neighborhood Roads Project. These services include the following:

- **Design, Surveying and Bidding Services for Elizabeth Lane.** Due to the 2007 Neighborhood Road Project coming in under budget, the City of Novi is considering moving forward with plans on Elizabeth Lane. The City has requested that URS prepare bid documents for this additional street. In order to issue this package, survey, plans and bidding documents have to be completed. The cost associated with these services is \$17,500.
- **Design, Surveying and Bidding Services for Sunnybrook Lane.** Due to the 2007 Neighborhood Road Project coming in under budget, the City of Novi is considering moving forward with plans on Sunnybrook Lane. The City has requested that URS prepare bid documents for this additional street. In order to issue this package, survey, plans and bidding documents have to be completed. The cost associated with these services is \$8,000.

This brings the total additional fee to \$25,500. It should be noted that there is no additional construction engineering fee listed for any of the additional services, since this amount is based on a percentage (6.4%) of the actual construction costs.

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

Sincerely,

URS Corporation

Khated Soubra, Ph.D., PE  
Vice President - Operations

Sean N. Kelsch, PE  
Project Manager

SNK/mm

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City of Novi  
 2007 Neighborhood Road Program  
 Spent Versus Budget Summary  
 11/08/2007

2007 Budget

Item No.	Item Description	Amount (\$)
1	Construction Costs	2,500,000.00
2	Design and Construction Engineering Fees	200,000.00
Total: \$		2,700,000.00

Spent to Date

Item No.	Item Description	Amount (\$)
1	Contract 1 (Construction Total)	955,000.00
2	Contract 2 (Construction Total)	1,025,000.00
3	Contract 1 and Contract 2 Engineering Fees	200,000.00
Total: \$		2,180,000.00

Additional Work for 2008:

Item No.	Item Description	Amount (\$)
1	Design and Construction Engineering Fees	54,940.00
2	Elizabeth Lane Construction Cost	311,903.57
3	Sunnybrook Lane	159,755.06
Total: \$		526,598.63

URS Corporation