



# CITY of NOVI CITY COUNCIL

**Agenda Item 3**  
**April 7, 2008**

**SUBJECT:** Approval to award a construction contract for the 2007 Neighborhood Road Program Contract 3 (Elizabeth Lane and Sunnybrook Lane from Beck to Whitehall) to Century Cement Co., Inc., the lowest qualified bidder, in the amount of \$466,776.

**SUBMITTING DEPARTMENT:** Engineering *Ry*

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

<b>EXPENDITURE REQUIRED</b>	<b>\$466,776</b>
<b>AMOUNT BUDGETED</b>	<b>\$2,500,000</b>
<b>APPROPRIATION REQUIRED</b>	<b>N/A</b>
<b>LINE ITEM NUMBER</b>	<b>203-203.00-865.417</b>

**BACKGROUND INFORMATION:**

The budget for fiscal year 2007-2008 included \$200,000 for engineering and \$2,500,000 for construction of the 2007 Neighborhood Road Program. The 2007 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. The two additional street segments are Sunnybrook Lane (from Beck Road to Whitehall) and Elizabeth Lane (from Ten Mile Road to Addington Lane). (See previous motion sheet, attached, for discussion of the selected street segments).

A total of 14 bids were received and opened on March 20, 2008 following a public bid solicitation period. The low bidder is Century Cement Co, Inc. Century has complied with all requirements of the bidding instructions and it submitted the lowest price. (URS's award recommendation letter dated March 31, 2008 is attached).

A summary of the 14 bids is as follows:

<b>Bidder</b>	<b>Total Bid</b>
<b>Century Cement Co., Inc.</b>	<b>\$ 466,776.00</b>
Hard Rock Concrete, Inc.	466,841.70
Major Cement Company	488,187.40
Hartwell Cement Co.	488,349.00
Tiseo Brothers, Inc.	495,914.70
Washtenaw Maintenance Services	499,223.33
Florence Cement Co	539,860.80
Dilisio Contracting, Inc.	556,156.95
Summit Transport, Inc.	566,278.28
G. V. Cement Contracting	586,447.00
Angelo lafrate Construction	599,972.70
Peter A. Basile Sons, Inc	637,914.80
John Carlo, Inc.	689,230.20
Gaglio P & R Cement	769,472.00

Construction is scheduled to begin in April 2008 and will be completed by the end of June 2008.

**RECOMMENDED ACTION:** Approval to award a construction contract for the 2007 Neighborhood Road Program Contract 3 (Elizabeth Lane and Sunnybrook Lane from Beck to Whitehall) to Century Cement Co., Inc., the lowest qualified bidder, in the amount of \$466,776.

	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				



March 31, 2008

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

Reference: Bid Analysis and Contract Award Recommendation  
2007 Neighborhood Roads Program – Contract 3  
URS Project Number 12940500 City of Novi Contract Number 062-416C

Dear Mr. Coburn:

Attached is the Bid Tabulation for the above referenced project. Fourteen (14) bids were received. Competition appears to have been adequate. The lowest bids appear to be balanced and there were no irregularities noted in the bids.

One mathematical error was found in the third lowest bid from Major Cement Company. The error did not change the order of the "As Read" bids.

Century Cement Company, Inc. is the low bidder for this project.

We reviewed the Qualifications and Experience Statement submitted by Century Cement Company and called the references listed. In addition, Century Cement Company submitted their proposed construction methodology for the project on March 28, 2008. No problems or major claims were reported by the references listed, and the City Engineer's Office did not have any issues with the proposed construction methods.

We have checked the bond rating for the company and it meets the requirement rating.

We therefore recommend award of the contract to the low bidder, Century cement Company, Inc. for the amount of \$466,776.00.

Please call me at 616 574-8497 if you need anything else or wish to discuss the project.

Sincerely,

URS, Inc.

Sean Kelsch, P.E.  
Project Manager

cc: Khaled Soubra, URS, Inc.  
Carol Kalinovic, City of Novi

**2007 Neighborhood Roads Program  
Contract 3  
CITY OF NOVI  
TABULATION OF BIDS  
City of Novi Contract Number 062-418C  
URS Project Number 12946500  
Bids Opened: March 20, 2008**


Engineer's Estimate	\$516,638.00
1 Century Cement Co., Inc.	\$466,776.00
2 Hard Rock Concrete, Inc.	\$466,841.70
3 Major Cement Company	\$488,187.40
4 Hartwell Cement Co.	\$488,349.00
5 Tiseo Brothers, Inc.	\$495,914.70
6 Washtenaw Maint.Svces	\$499,223.33
7 Florence Cement Co.	\$539,860.80
8 Dilisio Contracting, Inc.	\$556,156.95
9 Summit Transport, Inc.	\$566,278.28
10 G.V. Cement Contracting	\$586,447.00
11 Angelo Iafate Construct	\$589,972.70
12 Peter A. Basile Sons, Inc.	\$637,914.80
13 John Carlo, Inc.	\$689,230.20
14 Gaglio P & R Cement	\$769,472.00

**Corrected Bid Addition Error in Bid from Major Cement Company. As Read Bid was \$485,187.40**



DESCRIPTION	TOTAL QTY	UNIT	Engineer's Estimate		Century Cement Co., Inc.		Hard Rock Concrete, Inc.		Major Cement Company		Hartwell Cement Co.	
			UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST
1 Pre-Construction Audio-Visual	1	LS	2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$1,185.00	\$1,185.00	\$2,560.00	\$2,560.00
2 Soil Erosion Control	1	LS	500.00	\$500.00	\$1,500.00	\$1,500.00	\$100.00	\$100.00	\$500.00	\$500.00	\$500.00	\$500.00
3 Maintaining Traffic	1	LS	2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$30,000.00	\$30,000.00	\$5,000.00	\$5,000.00
4 Tree Protection	115	Ea	8.00	\$920.00	\$15.00	\$1,725.00	\$2.00	\$230.00	\$5.00	\$575.00	\$25.00	\$2,875.00
5 Remove Concrete Pavement	9,890	Syd	4.25	\$42,032.50	\$4.00	\$39,560.00	\$4.00	\$39,560.00	\$3.50	\$34,615.00	\$4.50	\$44,505.00
6 Underdrain, 6-inch	5,514	Ft	6.50	\$35,841.00	\$6.00	\$33,084.00	\$5.80	\$31,981.20	\$7.00	\$38,598.00	\$9.00	\$49,626.00
7 Subgrade Undercut	150	Cyd	18.00	\$2,700.00	\$20.00	\$3,000.00	\$15.00	\$2,250.00	\$19.00	\$2,850.00	\$10.00	\$1,500.00
8 Aggregate Base, 21AA, 8-inch	10,783	Syd	6.50	\$70,089.50	\$4.75	\$51,219.25	\$6.00	\$64,698.00	\$7.30	\$78,715.90	\$6.00	\$64,698.00
9 Concrete Pavement w/Integral Curb, Non-reinf, 7-inch	9,300	Syd	30.00	\$279,000.00	\$27.10	\$252,030.00	\$27.00	\$251,100.00	\$25.50	\$237,150.00	\$26.50	\$246,450.00
10 Concrete Pavement w/Integral Curb, Non-reinf, 9-inch	590	Syd	38.00	\$22,420.00	\$30.75	\$18,142.50	\$34.00	\$20,060.00	\$30.00	\$17,700.00	\$35.50	\$20,945.00
11 Remove and Replace Concrete Drives	842	Syd	30.00	\$25,260.00	\$27.50	\$23,155.00	\$27.00	\$22,734.00	\$31.50	\$26,523.00	\$38.25	\$32,206.50
12 Remove Concrete Sidewalk	1,451	Sft	1.00	\$1,451.00	\$0.75	\$1,088.25	\$0.50	\$725.50	\$0.50	\$725.50	\$0.50	\$725.50
13 Construct Concrete Sidewalk	1,912	Sft	4.00	\$7,648.00	\$3.00	\$5,736.00	\$4.00	\$7,648.00	\$2.50	\$4,780.00	\$3.00	\$5,736.00
14 Adjust Drainage Structure	18	Ea	285.00	\$4,580.00	\$250.00	\$4,000.00	\$275.00	\$4,400.00	\$150.00	\$2,400.00	\$75.00	\$1,200.00
15 Remove and Reset Mailboxes	14	Ea	10.00	\$140.00	\$30.00	\$420.00	\$10.00	\$140.00	\$10.00	\$140.00	\$25.00	\$350.00
16 Remove and Reset Sprinkler Heads	60	Ea	10.00	\$600.00	\$20.00	\$1,200.00	\$10.00	\$600.00	\$7.00	\$420.00	\$10.00	\$600.00
17 Sprinkler Piping	750	Ft	0.60	\$450.00	\$2.00	\$1,500.00	\$0.50	\$375.00	\$1.00	\$750.00	\$1.00	\$750.00
18 Class A Sod	612	Syd	5.50	\$3,366.00	\$4.00	\$2,448.00	\$5.00	\$3,060.00	\$5.00	\$3,060.00	\$4.50	\$2,754.00
19 ADA Detectable Warning Plate - New Construction	176	Sft	35.00	\$6,160.00	\$18.00	\$3,168.00	\$30.00	\$5,280.00	\$25.00	\$4,400.00	\$18.00	\$3,168.00
20 Reconstruct Drainage Structure	24	Ft	350.00	\$8,400.00	\$750.00	\$18,000.00	\$350.00	\$8,400.00	\$100.00	\$2,400.00	\$75.00	\$1,800.00
21 Point-up Drainage Structure	2	Ea	300.00	\$600.00	\$400.00	\$800.00	\$250.00	\$500.00	\$350.00	\$700.00	\$200.00	\$400.00
<b>Total:</b>				<b>\$516,638.00</b>		<b>\$466,776.00</b>		<b>\$466,841.70</b>		<b>\$488,187.40</b>		<b>\$488,349.00</b>

Prepared by URS Corporation

  
Sean Kelsch, PE  
Project Manager

**2007 Neighborhood Roads Program**  
**Contract 3**  
**CITY OF NOVI**  
**TABULATION OF BIDS**  
City of Novi Contract Number 062-416C  
URS Project Number 12940500  
Bids Opened: March 20, 2008

Engineer's Estimate	\$516,638.00
1 Century Cement Co., Inc.	\$466,776.00
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3 Major Cement Company	\$488,187.40
4 Hartwell Cement Co.	\$488,349.00
5 Tiseo Brothers, Inc.	\$495,914.70
6 Washtenaw Maint.Svces	\$499,223.33
7 Florence Cement Co.	\$539,860.80
8 Dilisio Contracting, Inc.	\$556,156.95
9 Summit Transport, Inc.	\$566,278.28
10 G.V. Cement Contracting	\$586,447.00
11 Angelo lafrate Construct	\$599,972.70
12 Peter A. Basile Sons, Inc.	\$637,914.80
13 John Carlo, Inc.	\$689,230.20
14 Gaglio P & R Cement	\$769,472.00

**Tiseo Brothers, Inc.      Washtenaw Maint.Svces      Florence Cement Co.      Dilisio Contracting, Inc.      Summit Transport, Inc.**

DESCRIPTION	TOTAL QTY	UNIT	Tiseo Brothers, Inc.		Washtenaw Maint.Svces		Florence Cement Co.		Dilisio Contracting, Inc.		Summit Transport, Inc.	
			UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST
1 Pre-Construction Audio-Visual	1	LS	\$1,500.00	\$1,500.00	\$2,242.50	\$2,242.50	\$1,950.00	\$1,950.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
2 Soil Erosion Control	1	LS	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$895.00	\$895.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
3 Maintaining Traffic	1	LS	\$3,500.00	\$3,500.00	\$6,000.00	\$6,000.00	\$14,345.00	\$14,345.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00
4 Tree Protection	115	Ea	\$75.00	\$8,625.00	\$30.00	\$3,450.00	\$70.00	\$8,050.00	\$50.00	\$5,750.00	\$25.00	\$2,875.00
5 Remove Concrete Pavement	9,890	Syd	\$4.50	\$44,505.00	\$3.00	\$29,670.00	\$4.35	\$43,021.50	\$4.30	\$42,527.00	\$5.70	\$56,373.00
6 Underdrain, 6-inch	5,514	Ft	\$6.00	\$33,084.00	\$4.00	\$22,056.00	\$5.20	\$28,672.80	\$5.55	\$30,602.70	\$8.50	\$46,869.00
7 Subgrade Undercut	150	Cyd	\$20.00	\$3,000.00	\$19.00	\$2,850.00	\$20.90	\$3,135.00	\$45.00	\$6,750.00	\$26.00	\$3,900.00
8 Aggregate Base, 21AA, 8-inch	10,783	Syd	\$7.40	\$79,794.20	\$7.84	\$84,538.72	\$10.90	\$117,534.70	\$10.75	\$115,917.25	\$9.16	\$98,772.28
9 Concrete Pavement w/Integral Curb, Non-reinf, 7-inch	9,300	Syd	\$27.25	\$253,425.00	\$26.50	\$265,050.00	\$26.20	\$243,660.00	\$29.80	\$277,140.00	\$28.00	\$260,400.00
10 Concrete Pavement w/Integral Curb, Non-reinf, 9-inch	590	Syd	\$29.50	\$17,405.00	\$33.50	\$19,765.00	\$42.05	\$24,809.50	\$34.00	\$20,060.00	\$34.00	\$20,060.00
11 Remove and Replace Concrete Drives	842	Syd	\$31.50	\$26,523.00	\$31.90	\$26,859.80	\$29.05	\$24,460.10	\$36.00	\$30,312.00	\$37.00	\$31,154.00
12 Remove Concrete Sidewalk	1,451	Sft	\$0.50	\$725.50	\$0.81	\$1,175.31	\$1.20	\$1,741.20	\$0.40	\$580.40	\$1.00	\$1,451.00
13 Construct Concrete Sidewalk	1,912	Sft	\$2.50	\$4,780.00	\$3.35	\$6,405.20	\$2.30	\$4,397.60	\$2.80	\$5,353.60	\$3.00	\$5,736.00
14 Adjust Drainage Structure	16	Ea	\$150.00	\$2,400.00	\$300.00	\$4,800.00	\$155.00	\$2,480.00	\$150.00	\$2,400.00	\$350.00	\$5,600.00
15 Remove and Reset Mailboxes	14	Ea	\$75.00	\$1,050.00	\$28.75	\$402.50	\$92.00	\$1,288.00	\$50.00	\$700.00	\$85.00	\$1,190.00
16 Remove and Reset Sprinkler Heads	60	Ea	\$35.00	\$2,100.00	\$30.00	\$1,800.00	\$45.00	\$2,700.00	\$20.00	\$1,200.00	\$65.00	\$3,900.00
17 Sprinkler Piping	750	Ft	\$2.00	\$1,500.00	\$3.45	\$2,587.50	\$3.00	\$2,250.00	\$2.00	\$1,500.00	\$3.00	\$2,250.00
18 Class A Sod	612	Syd	\$4.50	\$2,754.00	\$4.90	\$2,998.80	\$4.50	\$2,754.00	\$5.00	\$3,060.00	\$6.00	\$3,672.00
19 ADA Detectable Warning Plate - New Construction	176	Sft	\$19.00	\$3,344.00	\$27.00	\$4,752.00	\$40.15	\$7,066.40	\$4.00	\$704.00	\$26.00	\$4,576.00
20 Reconstruct Drainage Structure	24	Ft	\$175.00	\$4,200.00	\$350.00	\$8,400.00	\$180.00	\$4,320.00	\$100.00	\$2,400.00	\$250.00	\$6,000.00
21 Point-up Drainage Structure	2	Ea	\$100.00	\$200.00	\$460.00	\$920.00	\$165.00	\$330.00	\$100.00	\$200.00	\$250.00	\$500.00
<b>Total:</b>				<b>\$495,914.70</b>		<b>\$499,223.33</b>		<b>\$539,860.80</b>		<b>\$556,156.95</b>		<b>\$566,278.28</b>

Prepared by URS Corporation

  
Sean Kelsch, PE  
Project Manager

**2007 Neighborhood Roads Program**  
**Contract 3**  
**CITY OF NOVI**  
**TABULATION OF BIDS**  
 City of Novi Contract Number 062-416C  
 URS Project Number 12940500  
 Bids Opened: March 20, 2008

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10 G.V. Cement Contracting	\$586,447.00
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12 Peter A. Basile Sons, Inc.	\$637,914.80
13 John Carlo, Inc.	\$689,230.20
14 Gaglio P & R Cement	\$769,472.00

**G.V. Cement Contracting**

**Angelo Iafrate Construct**


**Peter A. Basile Sons, inc.**

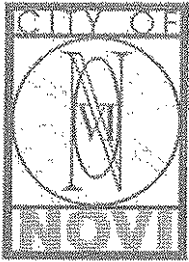
**John Carlo, Inc.**

**Gaglio P & R Cement**

DESCRIPTION	TOTAL QTY	UNIT	G.V. Cement Contracting		Angelo Iafrate Construct		Peter A. Basile Sons, inc.		John Carlo, Inc.		Gaglio P & R Cement	
			UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST
1 Pre-Construction Audio-Visual	1	LS	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$2,560.00	\$2,560.00	\$2,260.00	\$2,260.00	\$2,900.00	\$2,900.00
2 Soil Erosion Control	1	LS	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$2,600.00	\$2,600.00	\$2,500.00	\$2,500.00	\$6,900.00	\$6,900.00
3 Maintaining Traffic	1	LS	\$1,000.00	\$1,000.00	\$65,000.00	\$65,000.00	\$36,100.00	\$36,100.00	\$12,200.00	\$12,200.00	\$9,600.00	\$9,600.00
4 Tree Protection	115	Ea	\$100.00	\$11,500.00	\$50.00	\$5,750.00	\$300.00	\$34,500.00	\$104.00	\$11,960.00	\$250.00	\$28,750.00
5 Remove Concrete Pavement	9,890	Syd	\$5.00	\$49,450.00	\$3.65	\$36,098.50	\$9.30	\$91,977.00	\$5.10	\$50,439.00	\$9.00	\$89,010.00
6 Underdrain, 6-inch	5,514	Ft	\$12.00	\$66,168.00	\$6.50	\$35,841.00	\$8.00	\$44,112.00	\$6.90	\$38,046.60	\$16.00	\$88,224.00
7 Subgrade Undercut	150	Cyd	\$18.00	\$2,700.00	\$18.00	\$2,700.00	\$20.00	\$3,000.00	\$26.50	\$3,975.00	\$25.00	\$3,750.00
8 Aggregate Base, 21AA, 8-inch	10,783	Syd	\$6.00	\$64,698.00	\$11.50	\$124,004.50	\$8.50	\$91,655.50	\$8.40	\$90,577.20	\$9.00	\$97,047.00
9 Concrete Pavement w/Integral Curb, Non-reinf, 7-inch	9,300	Syd	\$33.00	\$306,900.00	\$25.75	\$239,475.00	\$26.75	\$248,775.00	\$40.15	\$373,395.00	\$36.00	\$334,800.00
10 Concrete Pavement w/Integral Curb, Non-reinf, 9-inch	590	Syd	\$40.00	\$23,600.00	\$31.00	\$18,290.00	\$47.00	\$27,730.00	\$54.00	\$31,860.00	\$46.00	\$27,140.00
11 Remove and Replace Concrete Drives	842	Syd	\$35.00	\$29,470.00	\$34.50	\$29,049.00	\$31.50	\$26,523.00	\$36.00	\$30,312.00	\$36.00	\$30,312.00
12 Remove Concrete Sidewalk	1,451	Sft	\$1.00	\$1,451.00	\$0.50	\$725.50	\$0.50	\$725.50	\$0.40	\$580.40	\$3.00	\$4,353.00
13 Construct Concrete Sidewalk	1,912	Sft	\$2.50	\$4,780.00	\$2.85	\$5,449.20	\$2.90	\$5,544.80	\$3.40	\$6,500.80	\$3.00	\$5,735.00
14 Adjust Drainage Structure	16	Ea	\$150.00	\$2,400.00	\$300.00	\$4,800.00	\$150.00	\$2,400.00	\$460.00	\$7,360.00	\$250.00	\$4,000.00
15 Remove and Reset Mailboxes	14	Ea	\$50.00	\$700.00	\$130.00	\$1,820.00	\$200.00	\$2,800.00	\$120.00	\$1,680.00	\$155.00	\$2,170.00
16 Remove and Reset Sprinkler Heads	60	Ea	\$10.00	\$600.00	\$30.00	\$1,800.00	\$40.00	\$2,400.00	\$52.00	\$3,120.00	\$50.00	\$3,000.00
17 Sprinkler Piping	750	Ft	\$10.00	\$7,500.00	\$3.00	\$2,250.00	\$3.00	\$2,250.00	\$11.50	\$8,625.00	\$10.00	\$7,500.00
18 Class A Sod	612	Syd	\$5.00	\$3,060.00	\$15.00	\$9,180.00	\$4.50	\$2,754.00	\$4.60	\$2,815.20	\$15.00	\$9,180.00
19 ADA Detectable Warning Plate - New Construction	176	Sft	\$20.00	\$3,520.00	\$50.00	\$8,800.00	\$33.00	\$5,808.00	\$29.00	\$5,104.00	\$45.00	\$7,920.00
20 Reconstruct Drainage Structure	24	Ft	\$175.00	\$4,200.00	\$175.00	\$4,200.00	\$150.00	\$3,600.00	\$230.00	\$5,520.00	\$250.00	\$6,000.00
21 Point-up Drainage Structure	2	Ea	\$125.00	\$250.00	\$120.00	\$240.00	\$50.00	\$100.00	\$200.00	\$400.00	\$590.00	\$1,180.00
<b>Total:</b>			<b>\$586,447.00</b>		<b>\$599,972.70</b>		<b>\$637,914.80</b>	<b>\$689,230.20</b>		<b>\$689,230.20</b>		<b>\$769,472.00</b>

Prepared by URS Corporation

  
 Sean Kelsch, PE  
 Project Manager



cityofnovi.org

# 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 *BR*

**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 (Ten 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:

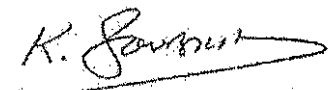
- **Design, Surveying and Bidding Services for Elizabeth Lane.** Due to the 2007 Neighborhood Road Project coming in under budget, the City of Novi is considering moving forward with plans on Elizabeth Lane. The City has requested that URS prepare bid documents for this additional street. In order to 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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URS Corporation  
34555 West 12 Mile Road  
Farmington Hills, MI 48331  
Tel: 248.553.9449  
Fax: 248.553.9571

**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
<b>Total: \$</b>		<b>2,700,000.00</b>

**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
<b>Total: \$</b>		<b>2,180,000.00</b>

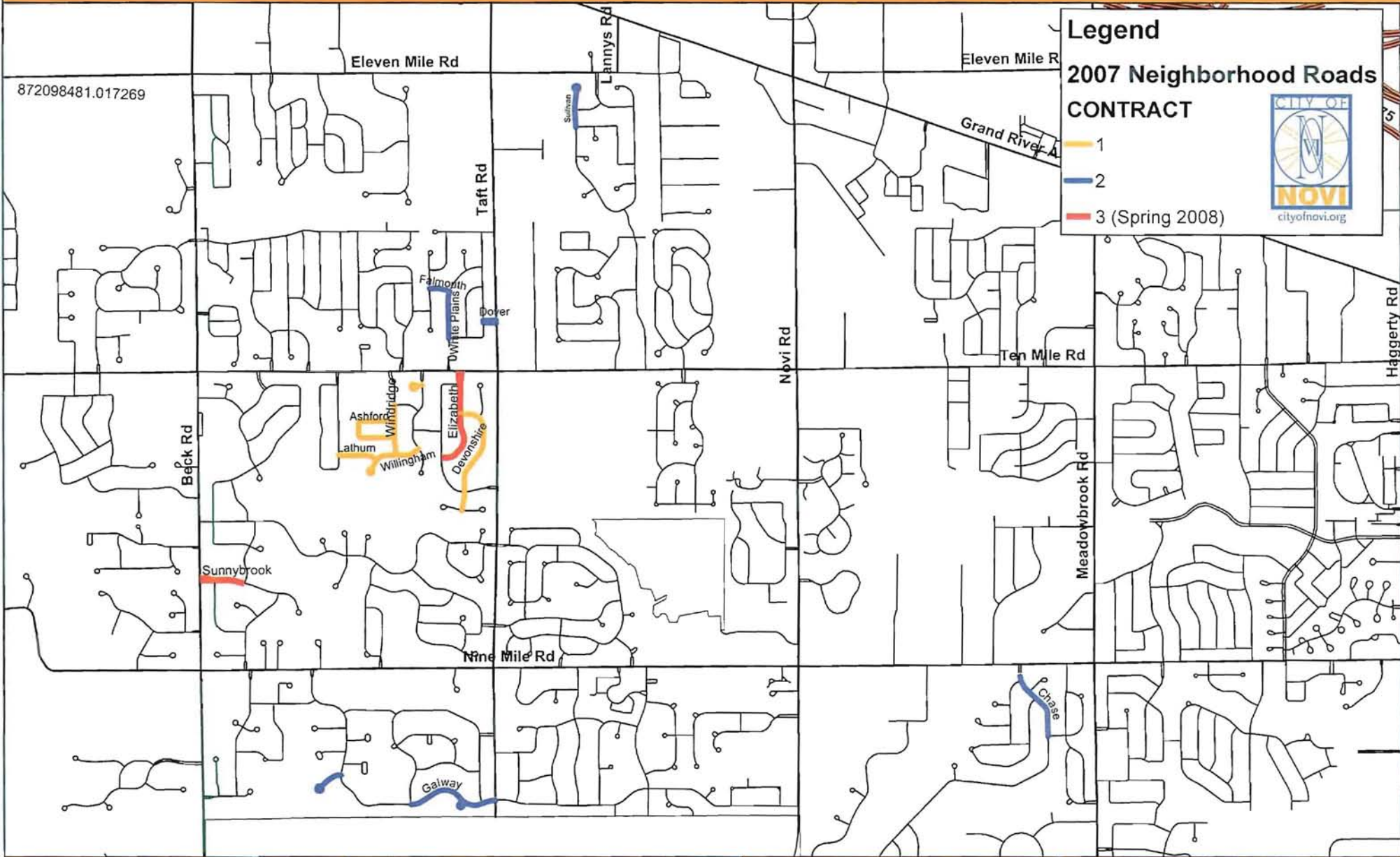
**Additional Work for 2008**

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
<b>Total: \$</b>		<b>526,598.63</b>

URS Corporation

# Location Map

## 2007 Neighborhood Road Program



**Legend**

**2007 Neighborhood Roads**

**CONTRACT**

- 1
- 2
- 3 (Spring 2008)



cityofnovi.org

**CITY OF NOVI**  
 ENGINEERING DIVISION  
 45175 W. TEN MILE ROAD  
 NOVI, MI 48375-3024  
 (248) 347-0454  
 MAP AUTHOR: Brian Coburn, PE



**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.