



CITY of NOVI CITY COUNCIL

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**Agenda Item 7
August 27, 2007**

SUBJECT: Consideration of award of a construction contract for the Beck Road Repaving project (from Ten Mile Road to south of Grand River Avenue) to Cadillac Asphalt, the lowest responsive bidder, in the amount of \$452,678.

SUBMITTING DEPARTMENT: Engineering 

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$452,678
AMOUNT BUDGETED	\$465,000
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	202-202.00-865.236 (Major Street Fund)

BACKGROUND INFORMATION:

In accordance with a resolution adopted by City Council on January 8, 2007, the Engineering Department has developed plans and specifications for the highest priority short-term improvement projects for Beck Road. City Council awarded engineering services to URS in April 2007, and the engineering request for proposals included the following scope: Project 1 - Reconstruction of Ten Mile Road/Beck Road intersection, Project 2 - Repaving Beck Road (Ten Mile Road to Eleven Mile Road), and Project 3 - Repaving Beck Road (Eleven Mile Road to south of Grand River Avenue), as shown on the attached map. Engineering for Project 3 was not awarded at that time because of funding constraints. Since April, the City has learned that a Congestion Mitigation/Air Quality (CMAQ) grant covering 80% of the reconstruction of the Ten Mile Road and Beck Road intersection has been awarded (SEMCOG's August 7th e-mail and Rob Hayes' July 26th e-mail, attached). Because grant funding will not be available until October 1, 2007, construction of intersection improvements would have to be deferred until Spring 2008 if the City were to accept the grant.

The CMAQ grant award provides an opportunity to complete an additional section of repaving on Beck Road this year. We recommend that the repaving of Beck Road from Eleven Mile Road to just south of Grand River be added as part of this year's construction program. A total of \$870,000 is currently budgeted for Beck Road. While, it was originally stated in Mr. Hayes' email that an additional \$147,000 would be required, the bids for repaving Beck Road from Ten Mile Road to Grand River Avenue were much lower than estimated. **Because of the CMAQ grant award, it is now possible to complete all three projects within the existing budget this fiscal year.** *

Five bids were received and opened on August 16, 2007 following a public bid solicitation period. The lowest responsive bid was received from Cadillac Asphalt. Cadillac's bid is recommended as being in the best interest of the City as it is responsive (i.e., Cadillac has complied with all requirements of the bidding instructions) and it is the lowest price. (URS's award recommendation letter dated August 17, 2007 is attached). A summary of the five bids is as follows:

Bidder	Total Bid
Cadillac Asphalt	\$452,678.00
Ajax Paving	\$456,969.25
A-Six Asphalt Paving	\$474,935.35
Florence Cement Co.	\$542,722.50
ABC Paving	\$554,843.05

Cadillac successfully completed the asphalt portions of the 2005 and 2006 Neighborhood Road Programs, and Cadillac was the asphalt paving subcontractor for Nine Mile Reconstruction project between Novi Road and Meadowbrook Road in 2005. Currently, Cadillac is the asphalt paving subcontractor for the Taft Road Reconstruction project ongoing south of Nine Mile Road.

This project will include milling and repaving the asphalt cross-section, plus improving the Beck/Cider Mill intersection to accommodate the installation of a traffic signal in the future. Construction is scheduled to begin in September 2007 and will be completed by the end of November 2007.

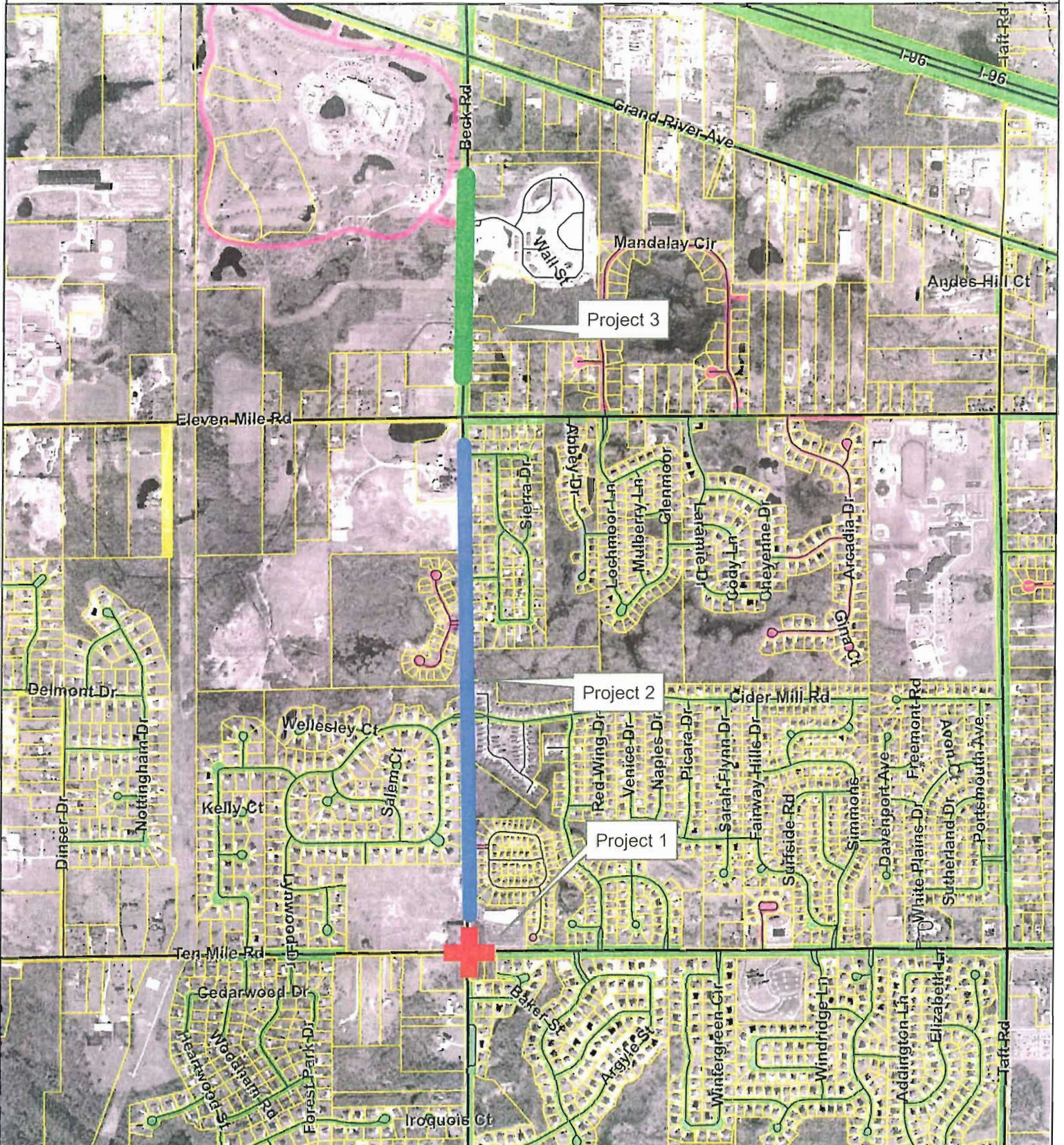
RECOMMENDED ACTION: Approval of award of a construction contract for the Beck Road Repaving project (from Ten Mile Road to south of Grand River Avenue) to Cadillac Asphalt, the lowest responsive bidder, in the amount of \$452,678.

	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



G E O G R A P H I C
 S Y S T E M

CITY OF NOVI
 ENGINEERING DIVISION
 45175 W. TEN MILE ROAD
 NOVI, MI 48375
 (248) 347-0454
 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 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.



August 17, 2007

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
Beck Road Improvements Project
URS Project Number 12940602 City of Novi Contract Number 072-236

Dear Mr. Coburn:

Attached is the Bid Tabulation for the above referenced project. Five (5) bids were received. Competition appears to have been adequate. All bids appeared to be balanced and there were no irregularities noted in the bids.

Cadillac Asphalt LLC is the low bidder for this project. We also reviewed the Bidders Qualifications and Experience Statements as submitted. As you're aware and as we discussed, Cadillac Asphalt has completed projects for the City before and has performed well.

We therefore recommend award of the contract to the low bidder, Cadillac Asphalt LLC, for the amount of \$452,678.00.

If you have any further questions or comments, please feel free to contact me.

Sincerely,

URS, Inc.

Sean Kelsch, P.E.
Project Manager

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

Beck Road Road Improvements Project
 CITY OF NOVI
 TABULATION OF BIDS
 City of Novi Contract Number 072-236
 URS Project Number 12940602
 Bids Opened: August 16, 2007

Engineer's Estimate
 \$525,001.50
 \$462,678.00
 \$436,969.25
 \$474,935.35
 \$542,722.50
 \$554,843.05

1. Cadillac Asphalt
2. Ajax Paving
3. A-6 Asphalt Paving
4. Florence Cement Co.
5. ABC Paving

Engineer's Estimate

DESCRIPTION	TOTAL QTY	UNIT	UNIT PRICE	COST
1 Pre-Construction Audio Visual	1	LS	\$2,000.00	\$2,000.00
2 Dr Structure Cover, Adj. Case 1	1	Ea	\$450.00	\$450.00
3 Pavt. Cleaning	1	LS	\$2,500.00	\$2,500.00
4 Slope Restoration, Type B	3,600	Sy/d	\$2.50	\$12,600.00
5 Curbs and Gutter, Rem	300	Fl	\$5.00	\$1,500.00
6 Pavt. Ren	1,000	Sy/d	\$5.00	\$5,000.00
7 Roadway Grading	18	Sta	\$1,200.00	\$21,600.00
8 Erosion Control, Inlet Filter, Geotextile and Stone	1	Ea	\$150.00	\$150.00
9 Erosion Control, Check Dam, Stone	30	Fl	\$20.00	\$600.00
10 Erosion Control, Sediment Trap	3	Ea	\$250.00	\$750.00
11 Erosion Control, Silt Fence	6,250	Fl	\$1.75	\$10,937.50
12 Erosion Control, Maintenance, Sediment Removal	5	Cy/d	\$50.00	\$250.00
13 Subbase, CIP	800	Cy/d	\$12.50	\$10,000.00
14 Aggregate Base	670	Ton	\$15.00	\$10,050.00
15 Shoulder, C I I	600	Ton	\$15.00	\$9,000.00
16 Cold Milling HMA Surface	29,000	Sy/d	\$2.00	\$58,000.00
17 HMA, 2C	200	Ton	\$60.00	\$12,000.00
18 HMA, 4C	5,200	Ton	\$80.00	\$416,000.00
19 HMA Approach	110	Sy/d	\$40.00	\$4,400.00
20 Driveway, Nonreint Conc. 7 inch	95	Fl	\$12.00	\$1,140.00
21 Curbs and Gutter, Conc. Det FA	168	Fl	\$12.00	\$2,016.00
22 Driveway Opening, Conc. Det M	100	Fl	\$12.00	\$1,200.00
23 Curbs and Gutter, Conc. Det F2, Modified	1	Ea	\$250.00	\$250.00
24 Monument Box, Adj	15	Ea	\$35.00	\$525.00
25 Remove and Reset Sprinkler Heads	200	Fl	\$3.00	\$600.00
26 Sprinkler Piping	9	Ea	\$70.00	\$630.00
27 Pavt Mrgg, Only Cold Plastic, RT Turn Arrow Sym	2	Ea	\$80.00	\$160.00
28 Pavt Mrgg, Only Cold Plastic, LT Turn Arrow Sym	11	Ea	\$80.00	\$880.00
29 Pavt Mrgg, Only Cold Plastic, Only	14,000	Fl	\$0.10	\$1,400.00
30 Pavt Mrgg, Spray Thermopl, 4 inch, White	2,000	Fl	\$0.12	\$240.00
31 Pavt Mrgg, Spray Thermopl, 4 inch, Yellow	12,000	Fl	\$0.12	\$1,440.00
32 Post, Steel, 3 lb	235	Fl	\$5.00	\$1,175.00
34 Sign, Type IIB	20	Sig	\$17.00	\$340.00
35 Sign, Type IIB	78	Sig	\$16.00	\$1,248.00
36 Sign, Type III, Rem	1	Ea	\$30.00	\$30.00
37 Maintaining Traffic	1	LS	\$30,000.00	\$30,000.00
Total:				\$525,001.50

Prepared by URS Corporation

Sean Kelsch, PE
 Project Manager

Cadillac Asphalt

DESCRIPTION	UNIT PRICE	COST
1	\$2,285.00	\$2,285.00
2	\$450.00	\$450.00
3	\$5,000.00	\$5,000.00
4	\$2.85	\$10,260.00
5	\$9.50	\$2,850.00
6	\$5.17	\$5,170.00
7	\$1,075.00	\$19,350.00
8	\$325.00	\$325.00
9	\$20.00	\$600.00
10	\$150.00	\$450.00
11	\$1.00	\$6,250.00
12	\$19.00	\$15,200.00
13	\$18.00	\$12,060.00
14	\$7.00	\$4,200.00
15	\$1.00	\$25,000.00
16	\$69.00	\$21,360.00
17	\$54.00	\$280,800.00
18	\$85.00	\$5,950.00
19	\$35.00	\$5,950.00
20	\$22.00	\$2,090.00
21	\$27.00	\$4,536.00
22	\$17.00	\$1,700.00
23	\$1,000.00	\$1,000.00
24	\$35.00	\$525.00
25	\$2.00	\$400.00
26	\$105.00	\$945.00
27	\$115.00	\$1,265.00
28	\$0.17	\$340.00
29	\$0.17	\$2,380.00
30	\$0.26	\$3,120.00
31	\$4.75	\$1,175.25
32	\$14.50	\$290.00
33	\$14.50	\$1,131.00
34	\$1.00	\$100.00
35	\$6,000.00	\$6,000.00
Total:		\$452,678.00

Ajax Paving

DESCRIPTION	UNIT PRICE	COST
1	\$1,415.00	\$1,415.00
2	\$460.00	\$460.00
3	\$1,650.00	\$1,650.00
4	\$3.75	\$13,500.00
5	\$5.30	\$1,590.00
6	\$4.45	\$4,450.00
7	\$1,565.00	\$28,170.00
8	\$57.15	\$57.15
9	\$20.40	\$612.00
10	\$11.25	\$33.75
11	\$1.20	\$7,500.00
12	\$7.65	\$38.25
13	\$14.00	\$11,200.00
14	\$19.70	\$13,199.00
15	\$26.50	\$15,900.00
16	\$0.95	\$27,550.00
17	\$29.00	\$14,160.00
18	\$33.80	\$299,160.00
19	\$112.00	\$7,840.00
20	\$91.85	\$6,429.50
21	\$40.00	\$4,400.00
22	\$20.00	\$1,900.00
23	\$22.00	\$3,696.00
24	\$15.30	\$1,530.00
25	\$555.00	\$555.00
26	\$50.00	\$750.00
27	\$4.00	\$800.00
28	\$70.00	\$630.00
29	\$70.00	\$770.00
30	\$0.20	\$400.00
31	\$0.20	\$2,600.00
32	\$0.20	\$2,400.00
33	\$6.50	\$1,292.50
34	\$19.50	\$390.00
35	\$18.50	\$1,474.20
36	\$50.00	\$50.00
37	\$9,500.00	\$9,500.00
Total:		\$474,935.35

Florence Cement Co.

DESCRIPTION	UNIT PRICE	COST
1	\$2,285.00	\$2,285.00
2	\$500.00	\$500.00
3	\$3,150.00	\$3,150.00
4	\$3.20	\$11,520.00
5	\$6.20	\$1,860.00
6	\$9.30	\$9,300.00
7	\$1,565.00	\$28,170.00
8	\$135.00	\$135.00
9	\$47.50	\$1,425.00
10	\$140.00	\$420.00
11	\$1.15	\$7,187.50
12	\$48.00	\$240.00
13	\$15.60	\$12,480.00
14	\$15.10	\$10,117.00
15	\$20.70	\$12,420.00
16	\$1.40	\$40,600.00
17	\$71.90	\$17,256.00
18	\$63.20	\$328,640.00
19	\$134.00	\$9,380.00
20	\$41.50	\$4,565.00
21	\$23.00	\$2,185.00
22	\$29.00	\$4,872.00
23	\$17.00	\$1,700.00
24	\$100.00	\$1,000.00
25	\$110.00	\$1,650.00
26	\$9.25	\$1,850.00
27	\$120.00	\$1,080.00
28	\$120.00	\$240.00
29	\$135.00	\$1,485.00
30	\$0.20	\$400.00
31	\$0.20	\$2,600.00
32	\$0.20	\$2,400.00
33	\$6.50	\$1,292.50
34	\$16.75	\$335.00
35	\$16.75	\$1,306.50
36	\$11.55	\$11.55
37	\$10,000.00	\$10,000.00
Total:		\$554,843.05

ABC Paving

08/17/2007

Hayes, Rob

From: Stephen Brudzinski [brudzinski@semcog.org]
Sent: Tuesday, August 07, 2007 11:16 AM
To: Hayes, Rob
Subject: Approval of FY 2008 CMAQ project

I am pleased to inform you that the following project submitted for fiscal year (FY) 2008 Congestion Mitigation and Air Quality Improvement (CMAQ) funding by the City of Novi has been approved:

*Beck at 10 Mile Rd, addition of dedicated right-turn lanes to northbound, southbound, and eastbound legs; extension of existing dedicated westbound right-turn lane; dedicated eastbound left-turn lane; and signal upgrades to include right-turn arrows for all four legs. Funding: \$203,232 CMAQ and \$58,808 local match.

You may request the Michigan Department of Transportation (MDOT) to obligate these funds starting October 1, 2007. It is strongly recommended that you obligate the funds no later than July 31, 2008. CMAQ funds do not carry forward from year to year, so any FY 2008 CMAQ projects not obligated during the fiscal year will be dropped from the Transportation Improvement Program (TIP).

To start the obligation process, contact Mr. Gonzalo Puente at MDOT's Local Agency Programs office, (517) 335-0878.

Once again, congratulations on your community's FY 2008 CMAQ award. If you have any questions about this e-mail or the CMAQ program in general, please let me know.

Steve Brudzinski
Policy Analyst
Transportation Programs
SEMCOG
(313) 324-3321
brudzinski@semcog.org

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 deferring intersection work a bit (will be same time as Wilcom/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