



CITY of NOVI CITY COUNCIL

**Agenda Item 2
October 6, 2014**

SUBJECT: Approval to award a construction contract for the Haggerty Road Widening project to Commerce Construction & Landscaping, Inc., the low bidder, in the amount of \$141,050, subject to final review and approval of form of agreement by the City Manager's office and City Attorney.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division *PH* *BTC*

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	\$141,050
AMOUNT BUDGETED	\$185,000 (offset by \$98,500 in revenue from Tri-Party Program and City of Farmington Hills)
LINE ITEM NUMBER	204-204.00-865.656

BACKGROUND INFORMATION:

Each year, the City receives an allocation of funds from the Tri-Party Program in which the City, Road Commission for Oakland County (RCOC), and Oakland County each pay one-third toward a project within the RCOC right-of-way. City Council approved a resolution on February 18, 2014 authorizing participation in the RCOC's 2014 Tri-Party Program for Road Improvements, dedicating Novi's 2014 allotment of \$159,089 to widen Haggerty Road south of Ten Mile Road. The project would add a right lane to fill a 700-foot long lane drop on southbound Haggerty, south of Ten Mile Road. A lane drop occurs when one through lane is merged into another. Such is the case between Westminster Circle and Shorebrooke Townhouses where there is a transition from two southbound lanes to one lane and then back to two southbound lanes. As explained in the attached memo, there were several other lane drops along Haggerty Road that have been addressed over the past few years, and this specific location is the last remaining lane drop.

Three (3) bids were received and opened on September 26, 2014 following a public bid solicitation period. The lowest bidder is Commerce Construction & Landscaping (Commerce). Commerce's bid is recommended as being in the best interest of the City as it is responsive (i.e., Commerce has complied with all requirements of the bidding instructions). URS' recommendation letter including the bid tabulation is attached. A summary of the three bids is as follows:

Contractor	Bid Price (including Crew Days)*
Commerce Construction	\$ 152,249.84
Florence Cement Company	\$ 203,926.00
Pavex Corporation	\$ 243,673.80

*Crew Days are included to compare bids, but are not included in the award.

Commerce has satisfactorily completed work for the City in the past. The construction contract calls for substantial completion of the project within 30 days and final completion of the project within 40 days of the Notice to Proceed.

The project will be funded using Tri-Party funds (with one-third each paid by the City, RCOC and Oakland County up to the maximum total allocation of \$159,089) with the City's share to be offset further by a contribution of \$18,500 from the City of Farmington Hills.

RECOMMENDED ACTION: Approval to award a construction contract for the Haggerty Road Widening project to Commerce Construction & Landscaping, Inc., the low bidder, in the amount of \$141,049.84, subject to final review and approval of form of agreement by the City Manager's office and City Attorney.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Fischer				

	1	2	Y	N
Council Member Markham				
Council Member Mutch				
Council Member Wrobel				

HAGGERTY ROAD WIDENING

South of Ten Mile

Location Map



Haggerty Road Widening
to eliminate existing lane gap

Map Author: Croy
Date: 3/3/14
Project: Haggerty Road Widening
Version #: v1.0

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.



1 inch = 300 feet



City of Novi
Engineering Division
Department of Public Services
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org



September 26, 2014

Mr. Ben Croy, PE
City of Novi
Engineering Department
26300 Lee BeGole Drive
Novi, MI 48375

Reference: Bid Analysis and Contract Award Recommendation
Haggerty Road Widening – Shorebrook Dr. to Stonehenge Blvd.
URS Project Number 12944356

Dear Mr. Croy:

Attached is the Bid Tabulation for the above referenced project. Three (3) bids were received and opened. Competition appears to have been adequate.

There were no arithmetic errors or irregularities were noted in the bids.

We have worked previously with the low bidder, Commerce Construction & Landscaping, Inc. They have performed well on similar projects. The bonding company listed in their statement of qualifications has A.M. Best Key rating of "A", which exceeds the minimum requirements.

We therefore recommend award of the contract to Commerce Construction & Landscaping, Inc. for the Bid Amount, excluding crew day costs, of \$141,049.84.

Please feel free to contact me if you need anything else or wish to discuss the project.

Sincerely,

URS Corporation Great Lakes

A handwritten signature in blue ink that reads "Sean Kelsch".

Sean Kelsch, P.E.
Project Manager

cc: Brian Coburn, City of Novi
Cara Parks, URS

City of Novi
Haggerty Road Widening - Shorebrook Dr. to Stonehenge Blvd.
Tabulation of Bids
Bids Opened 09/26/2014
URS JN 12944356

Item No.	Item Description	Unit	Quan.	Engineers Estimate		Commerce Const.		Florence Cement		Pavex Corp.	
				Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	Mobilization (5% Max.)	LS	1	6,750.00	\$ 6,750.00	\$ 7,150.00	\$ 7,150.00	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00
2	Preconstruction Audio Visual	LS	1	1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 880.00	\$ 880.00
3	Maintaining Traffic	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 8,250.00	\$ 8,250.00	\$ 17,300.00	\$ 17,300.00	\$ 6,700.00	\$ 6,700.00
4	HMA Surface, Rem	Syd	160	\$ 10.00	\$ 1,600.00	\$ 10.00	\$ 1,600.00	\$ 25.00	\$ 4,000.00	\$ 28.00	\$ 4,480.00
5	Cold Milling HMA Surface	Syd	915	\$ 8.00	\$ 7,320.00	\$ 10.50	\$ 9,607.50	\$ 8.00	\$ 7,320.00	\$ 16.00	\$ 14,640.00
6	Sewer, Rem, Less than 24 inch	Ft	56	\$ 12.00	\$ 672.00	\$ 10.00	\$ 560.00	\$ 21.00	\$ 1,176.00	\$ 60.00	\$ 3,360.00
7	Sawcut Pavement, Full Depth	Fi	478	\$ 3.50	\$ 1,673.00	\$ 3.00	\$ 1,434.00	\$ 3.00	\$ 1,434.00	\$ 4.00	\$ 1,912.00
8	Roadway Grading	Sta	5.7	\$ 3,500.00	\$ 19,950.00	\$ 3,000.00	\$ 17,100.00	\$ 4,200.00	\$ 23,940.00	\$ 9,984.00	\$ 56,908.80
9	Subgrade Undercutting	Cyd	60	\$ 30.00	\$ 1,800.00	\$ 40.00	\$ 2,400.00	\$ 52.00	\$ 3,120.00	\$ 49.00	\$ 2,940.00
10	Vertical Exploratory Investigation	Ft	40	\$ 25.00	\$ 1,000.00	\$ 20.00	\$ 800.00	\$ 160.00	\$ 6,400.00	\$ 50.00	\$ 2,000.00
11	Erosion Control, Sediment Trap	Ea	2	\$ 250.00	\$ 500.00	\$ 450.00	\$ 900.00	\$ 450.00	\$ 900.00	\$ 500.00	\$ 1,000.00
12	Erosion Control, Check Dam	Ft	20	\$ 20.00	\$ 400.00	\$ 65.00	\$ 1,300.00	\$ 90.00	\$ 1,800.00	\$ 30.00	\$ 600.00
13	Erosion Control, Silt Fence	Ft	75	\$ 3.00	\$ 225.00	\$ 3.00	\$ 225.00	\$ 5.00	\$ 375.00	\$ 5.00	\$ 375.00
14	Tensar TX5 Geogrid	Syd	1100	\$ 4.50	\$ 4,950.00	\$ 4.00	\$ 4,400.00	\$ 6.00	\$ 6,600.00	\$ 7.00	\$ 7,700.00
15	Aggregate Base, CIP, 21AA, Limestone	Cyd	310	\$ 50.00	\$ 15,500.00	\$ 40.00	\$ 12,400.00	\$ 60.00	\$ 18,600.00	\$ 58.00	\$ 17,980.00
16	Shoulder, CI I	Cyd	72	\$ 35.00	\$ 2,520.00	\$ 40.00	\$ 2,880.00	\$ 65.00	\$ 4,680.00	\$ 118.00	\$ 8,496.00
17	Culv End Sect, 12 inch, CMP	Ea	2	\$ 500.00	\$ 1,000.00	\$ 175.00	\$ 350.00	\$ 220.00	\$ 440.00	\$ 250.00	\$ 500.00
18	Sewer, 12 inch, CMP	Ft	50	\$ 45.00	\$ 2,250.00	\$ 85.00	\$ 4,250.00	\$ 62.00	\$ 3,100.00	\$ 84.00	\$ 4,200.00
19	Dr Structure, Tap, 12 inch, Special	Ea	2	\$ 500.00	\$ 1,000.00	\$ 500.00	\$ 1,000.00	\$ 400.00	\$ 800.00	\$ 650.00	\$ 1,300.00
20	HMA, 4C	Ton	145	\$ 100.00	\$ 14,500.00	\$ 97.85	\$ 14,188.25	\$ 165.00	\$ 23,925.00	\$ 134.00	\$ 19,430.00
21	HMA, 3C	Ton	174	\$ 90.00	\$ 15,660.00	\$ 94.76	\$ 16,488.24	\$ 135.00	\$ 23,490.00	\$ 135.00	\$ 23,490.00
22	HMA, 2C	Ton	160	\$ 85.00	\$ 13,600.00	\$ 94.76	\$ 15,161.60	\$ 115.00	\$ 18,400.00	\$ 136.00	\$ 21,760.00
23	Shoulder Gutter, Conc, Detail 2	Ea	1	\$ 500.00	\$ 500.00	\$ 1,287.00	\$ 1,287.00	\$ 1,800.00	\$ 1,800.00	\$ 1,550.00	\$ 1,550.00
24	Spillway, Conc	Ft	4	\$ 75.00	\$ 300.00	\$ 260.00	\$ 1,040.00	\$ 250.00	\$ 1,000.00	\$ 410.00	\$ 1,640.00
25	Surface Restoration	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 11,700.00	\$ 11,700.00	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00
26	Sign, Type II, Rem	Ea	2	\$ 50.00	\$ 100.00	\$ 50.00	\$ 100.00	\$ 75.00	\$ 150.00	\$ 1.00	\$ 2.00
27	Pavt Mrkg, Waterborne, 4 inch, White	Ft	785	\$ 0.70	\$ 549.50	\$ 1.85	\$ 1,452.25	\$ 2.00	\$ 1,570.00	\$ 1.50	\$ 1,177.50
28	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	Ft	785	\$ 0.70	\$ 549.50	\$ 1.10	\$ 863.50	\$ 1.10	\$ 863.50	\$ 1.50	\$ 1,177.50
29	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	Ft	50	\$ 2.00	\$ 100.00	\$ 3.25	\$ 162.50	\$ 3.25	\$ 162.50	\$ 1.50	\$ 75.00
30	Crew Days	Day	640	15	\$ 9,600.00	17.5	\$ 11,200.00	22	\$ 14,080.00	35	\$ 22,400.00
	Contingency for Estimate				\$ 21,212.85						
	TOTAL BID				\$ 171,781.85		\$ 152,249.84		\$ 203,926.00		\$ 243,673.80
	Contract Award Amount (Excludes Crew Day Item)						\$ 141,049.84				

Reviewed and Certified Correct:

Sean Kelsch, PE
URS Corporation

MEMORANDUM



TO: CLAY PEARSON, CITY MANAGER
FROM: ROB HAYES, DIRECTOR OF PUBLIC SERVICES/CITY ENGINEER
SUBJECT: HAGGERTY ROAD BETWEEN 9 MILE AND 10 MILE ROADS
DATE: FEBRUARY 6, 2014

*2/6/14
To Mayor & City
Council Members
For your
upcoming consideration.*

A lane drop occurs where one through lane is merged into another (for example, reducing a 4-lane roadway to a 3-lane section). Over the years, several lane drops along Haggerty Road south of Ten Mile Road have been eliminated. In 2007, the City of Novi funded the elimination of three lane drops between Nine Mile and Eight Mile Roads: one on the west/Novi side and two on the east/Farmington Hills side of Haggerty. All involved widening the roadway from a 3-lane to a 4-lane section. Last summer, Farmington Hills' Mahle, Inc. expansion project included the widening of Haggerty to eliminate another lane drop on the east side of Haggerty.

Now there is a single remaining lane drop, which is located on the west side of Haggerty that starts a ¼-mile south of Ten Mile (just south of Westminster Circle) and continues for approximately 700 feet (north of the Mahle project):



Filling this gap has been scoped as a potential project in the proposed FY14/15 Capital Improvements Program (CIP), and has a total estimated project cost of \$110,000.

We approached colleagues at the City of Farmington Hills' Department of Public Services to see if they would be amenable to participating in this project, since Novi solely funded eliminating the three lane drops in 2007. Because we were contemplating the use of Tri-Party funds for this project, Farmington Hills has agreed to participate by contributing up to half of our Tri-Party share (half of one-third of the cost, which equates to 16.67% or roughly \$18,500). We recently received word that our annual Tri-Party allocation for 2014 would be \$159,089. Therefore, we propose to dedicate Tri-Party funding toward the construction of this project; and because the Road Commission for Oakland County (RCOC) does not currently have the bandwidth to complete project design, we would retain a design consultant to prepare construction drawings and specifications. Once the project is designed and we have a better defined cost estimate, we would allocate any leftover Tri-Party funds to one of several future road projects.

Our plan is to present a resolution designating this project for 2014 Tri-Party funding at the February 18 City Council meeting. The award of a contract for design services would be presented at Council's March 10 meeting.

Please let me know if you have any questions, comments or concerns in regard to the planned approach to complete this project.

cc: Victor Cardenas, Assistant City Manager
David Molloy, Director of Public Services
Brian Coburn, Engineering Manager
Carl Johnson, Finance Director

Hayes, Rob

From: Gary Mekjian <GMekjian@fhgov.com>
Sent: Thursday, January 30, 2014 9:37 AM
To: Hayes, Rob
Cc: James Cubera; Steve Brock
Subject: Re: Haggerty South of Ten Mile - Follow-up

Rob,

I have discussed this issue with Steve Brock and we propose that the City of Farmington Hills will contribute in an amount not to exceed \$18,500. We arrived at this number based on your project cost estimate, and the City of Novi asking RCOC to construct this as a tri-party project.

If you have any other questions please call me.

Gary M. Mekjian, P.E.
Director of Public Services
City of Farmington Hills, MI
31555 W. Eleven Mile Road
Farmington Hills, MI 48336
Office: (248) 871-2535

>>> Gary Mekjian 1/8/2014 4:09 PM >>>

Rob,

please forward to me the location, scope, and project cost estimate for the proposed project. Once I have this, I'll take a look at it with my staff. Some initial concerns are that based on it being a relatively small project, unit pricing will come in over estimate, at least that's been our recent experience on a similar county road project in the Hills. Also, if this has to be bid through MDOT, it's going to drive the costs up too.

>>> "Hayes, Rob" <rhayes@cityofnovi.org> 1/8/2014 1:55 PM >>>

Hey, Gary:

Now I recall the other program Tom mentioned that could fund this last lane drop gap and is something I've not heard of before: the Federal "National Highway Performance Program" (NHPP – a new component of MAP-21?). The earliest we could see construction under NHPP would be 2016.

Also just to clarify, filling this last gap would result in a continuous 4-lane section (I think I said 3 lanes over the phone).

Thanks again for checking into this,

Rob

Pearson, Clay

From: Hayes, Rob
Sent: Thursday, January 09, 2014 11:34 AM
To: Pearson, Clay
Subject: FW: Haggerty South of Ten Mile - Follow-up
Attachments: 132-04 Haggerty Road Widening.pdf

1/9/14
To: Mayor & City
Council Members

Clay:

FYI – Farmington Hills is actually looking into helping to fund this small project.

More to follow,

Rob

We are continuing to look at ways for further improvements on RCOC's Haggerty Road, this the south of Ten Mile Road segment. Looking at 1/4/15 for Tri-Party funds w/ Farmington Hills.

From: Hayes, Rob
Sent: Thursday, January 09, 2014 11:33 AM
To: Gary Mekjian (GMekjian@fhgov.com)
Cc: Coburn, Brian
Subject: RE: Haggerty South of Ten Mile - Follow-up

Hi Gary:

The project location is the lane drop on the west side of Haggerty that starts a 1/4-mile south of Ten Mile (just south of Westminster Circle) and continues for approximately 700 feet (a few hundred feet north of the POE of the Mahle project):



From the attached estimate, you can see that we're already using relatively higher unit costs for this small job. My hope is that this could be a Tri-Party project whereby we would each contribute equally in the local one-third cost share, so there'd be no LAP involvement.

This is the last remaining lane drop on either side of Haggerty south of Ten. You may recall that Novi worked with RCOC to fund the removal of 3 lane drops on the east side of Haggerty and 1 on the west side between 8 and 9 Mile back in 2007.

Thanks again for considering this proposal,

Rob



Rob Hayes, P.E. | Director of Public Services/City Engineer
City of Novi | 45175 Ten Mile Road | Novi, MI 48375 USA
t: 248-735-5636 f: 248-735-5659

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From: Gary Mekjian [<mailto:GMekjian@fhgov.com>]

Sent: Wednesday, January 08, 2014 4:10 PM

To: Hayes, Rob

Subject: Re: Haggerty South of Ten Mile - Follow-up

Rob,

please forward to me the location, scope, and project cost estimate for the proposed project. Once I have this, I'll take a look at it with my staff. Some initial concerns are that based on it being a relatively small project, unit pricing will come in over estimate, at least that's been our recent experience on a similar county road project in the Hills. Also, if this has to be bid through MDOT, it's going to drive the costs up too.