



CITY of NOVI CITY COUNCIL

**Agenda Item 2
April 22, 2013**

SUBJECT: Approval to award a construction contract for the 2013 Neighborhood Road Program—Contract 1 (Concrete) to G.V. Cement Contracting Co., the low bidder, in the amount of \$338,477.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division *R.H.*

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	\$ 338,477
AMOUNT BUDGETED	\$1,300,000
LINE ITEM NUMBER	203-203.00-865.432

BACKGROUND INFORMATION:

For several years, the City Council has made it a goal to invest annually in neighborhood streets to maintain the City's local road network. To implement this goal, the City selects several residential streets to be addressed based on an evaluation of the pavement condition using PASER ratings, field observations by staff, and resident concerns. The 2013 Neighborhood Road Program will implement the City's Asset Management approach for pavements that was established in 2009. This project includes multiple treatment methods which were determined during the design process based on our asset management approach, focused on preventative maintenance where appropriate and designed to extend the life of the City's roads in the most cost-effective manner.

The asset management program stresses the importance of using preventative maintenance to preserve good quality roads using low-cost rehabilitation techniques, rather than allowing the roads to deteriorate to a point that requires reconstruction involving much more effort at a higher cost. Roads that have deteriorated significantly will be addressed with rehabilitation methods such as overlays, panel replacements, and joint repairs to allow more efficient application of available road funds to maximize the number of neighborhood streets included in each year in the program. This program will consist of two separate contracts: one for concrete pavement and the other for asphalt. This contract addresses the rehabilitation of concrete streets listed below:

Road Segment	From	To	Material	PASER	Treatment
Keenan Ct	Williams Dr	End	Concrete	4	Reconstruct
Sullivan Ln	Williams Dr	Kali Ct	Concrete	4	Partial Reconstruct
Dunbarton Dr	Taft Rd	Huntington Cr	Concrete	4	Joint/Slab Repair
Midway Dr	Roundview Dr	200 Feet	Concrete	6	Joint/Slab Repair
Broquet Dr	Glen Haven Cir	Meadowbrook	Concrete	3	Joint/Slab Repair
Onaway Ct	Onaway Dr	End	Concrete	5	Joint/Slab Repair
Onaway Dr	Glen Haven Cir	Onaway Ct	Concrete	3	Joint/Slab Repair
Pellston Dr	Glen Haven Cir	End	Concrete	3	Joint/Slab Repair
Roscommon Dr	Glen Haven Cir	End	Concrete	5	Joint/Slab Repair
Queens Pointe Dr	Park Ridge Rd	Kings Pointe	Concrete	4	Joint/Slab Repair

Twelve (12) bids were received and opened on April 12, 2013 following a public bid solicitation period. The lowest bidder is GV Cement Contracting (GV). Although, GV has not completed work for the City in the past, the references provided support a recommendation for award. GV's bid is recommended as being in the best interest of the City as it is responsive (i.e., GV has complied with all requirements of the bidding instructions) and it is the lowest price. (URS' award recommendation letter including the bid tabulation dated April 12, 2013 is attached.) A summary of the twelve bids is as follows:

Contractor	Bid Price (including Crew Days)*
G.V. Cement Contracting	\$349,996.60
Mattioli Cement Co.	\$364,787.55
Hartwell Cement Co.	\$373,798.25
Fiore Enterprises	\$381,974.05
Audia Concrete	\$400,862.60
Tiseo Brothers	\$407,814.20
Goretski Construction	\$424,000.00
Montes Contracting	\$470,130.25
V.I.L. Construction	\$482,023.50
Hard Rock Concrete	\$499,581.76
Dominic Gaglio Construction	\$504,263.95
Angelo lafrate Construction	\$550,455.95

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

This project was included in the FY2012-13 Capital Improvement Program (CIP) in the budgeted amount of \$1,300,000 for construction and \$354,000 for engineering (total project budget of \$1,654,000), of which \$150,890 was awarded for design engineering. \$338,477 is now being recommended for award to GV for construction, and \$32,617 is also recommended for award to URS for construction engineering services (a separate item on this agenda) for total contract awards in the amount of \$521,984.

Construction of the project will begin this summer and be substantially complete this construction season.

There will be three construction contracts for Neighborhood Roads the 2013 construction season with a total construction value of approximately \$2.2 million. The final design plans for the 2013 Neighborhood Road Program—Contract 2 for asphalt streets is nearing completion and will be bid for construction this fiscal year for completion in the 2013 construction season. Additional funding for 2013 Neighborhood Road Program—Contract 3 in the amount of \$839,000 is proposed in the FY13-14 budget. Contract 3 is currently in design and a construction contract will commence after July 1.

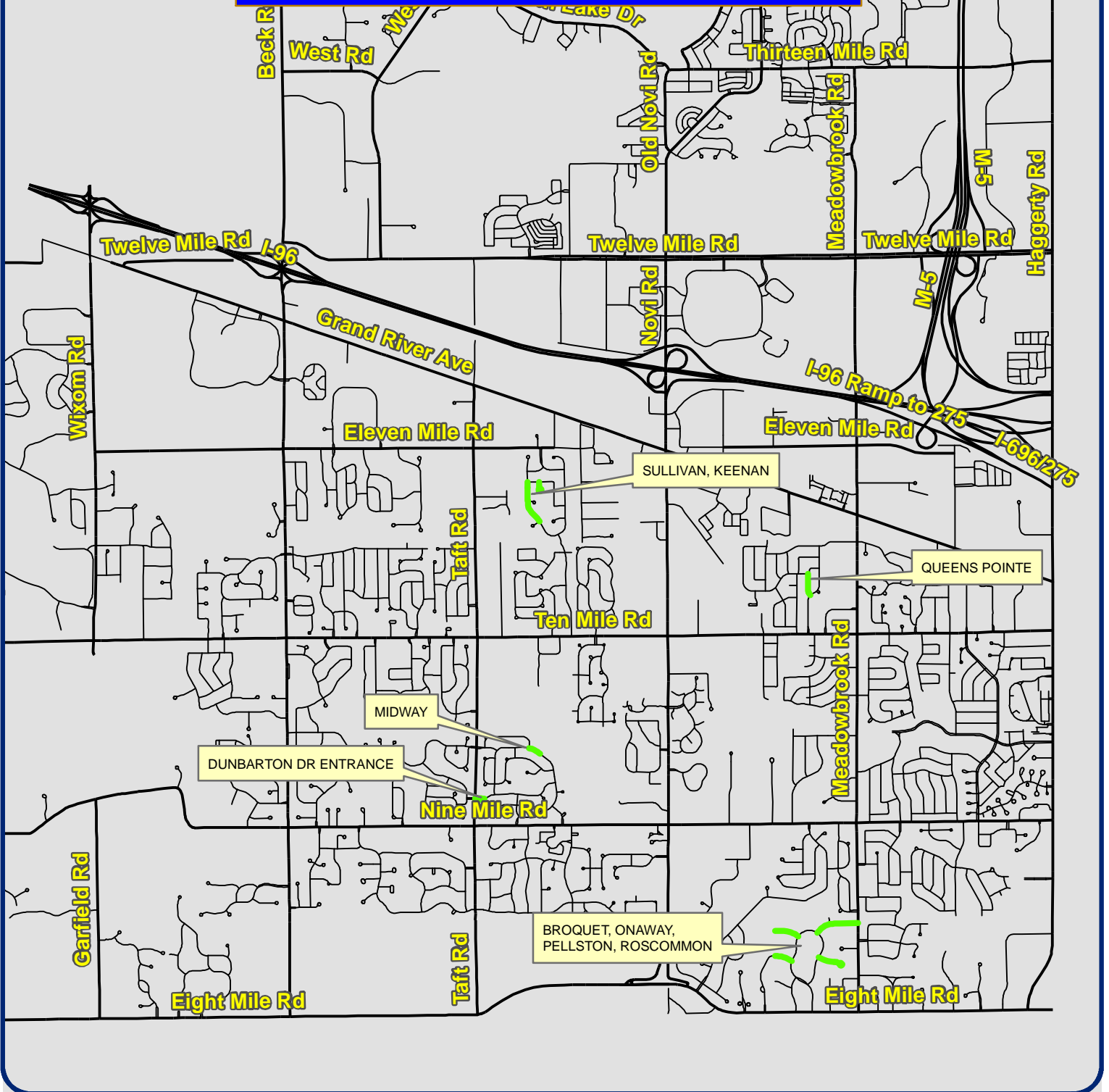
RECOMMENDED ACTION: Approval to award a construction contract for the 2013 Neighborhood Road Program—Contract 1 (Concrete) to G.V. Cement Contracting Co., the low bidder, in the amount of \$338,477.

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

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

2013 Neighborhood Roads - Concrete

Location Map



Map Author: Croy
 Date: 4/12/2013
 Project: 2013 NRP Concrete
 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.



Legend

2013 Concrete Streets



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



1 inch = 3,885 feet



April 12, 2013

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

Reference: Bid Analysis and Contract Award Recommendation
2013 Neighborhood Roads and CPM Program, Concrete Roadways
URS Project Number 12943815

Dear Mr. Croy:

Attached is the Bid Tabulation for the above referenced project. Twelve (12) bids were received and opened. Competition appears to have been adequate.

There were minor arithmetic errors in the bids received from Hartwell Cement Company and Dominic Gaglia Construction Company. After corrections, the order of bidders did not change.

No irregularities were noted in the bids.

We called several of the references for the low bidder, G.V. Cement Contracting Company, and they have performed well on similar projects. The bonding company listed in the statement of qualifications has A.M. Best Key rating of "A", which exceeds the minimum requirements.

We therefore recommend award of the contract to G. V. Cement Contracting Company for the Bid amount, excluding crew day costs, of \$338,476.60.

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: Jason Fisher, URS

City of Novi
2013 Neighborhood Road and CPM Program, Concrete Roadways
Tabulation of Bids
 Bids Opened 04/11/2013
 12943815A

Item No.	Item Description	Unit	Quantity	Engineers Estimate		GV Cement Contracting Co.		Mattioli Cement Company		Hartwell Cement Company		Fiore Enterprises, LLC	
				Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	Mobilization	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 1,800.00	\$ 1,800.00	\$ 5,400.00	\$ 5,400.00	3,500.00	\$ 3,500.00	5,000.00	\$ 5,000.00
2	Maintaining Traffic	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 1,800.00	\$ 1,800.00	\$ 3,000.00	\$ 3,000.00	\$ 5,500.00	\$ 5,500.00	\$ 3,750.00	\$ 3,750.00
3	Erosion Control, Silt Fence	Ft	984	\$ 1.25	\$ 1,230.00	\$ 3.75	\$ 3,690.00	\$ 0.70	\$ 688.80	\$ 2.00	\$ 1,968.00	\$ 2.00	\$ 1,968.00
4	Erosion Control, Inlet Protection, Fabric Drop	Ea	41	\$ 80.00	\$ 3,280.00	\$ 50.00	\$ 2,050.00	\$ 89.00	\$ 3,649.00	\$ 100.00	\$ 4,100.00	\$ 95.00	\$ 3,895.00
5	Surface Restoration	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 1,300.00	\$ 1,300.00	\$ 1,500.00	\$ 1,500.00	\$ 500.00	\$ 500.00	\$ 2,500.00	\$ 2,500.00
6	Pre-Construction Audio-Visual	LS	1	\$ 500.00	\$ 500.00	\$ 1,300.00	\$ 1,300.00	\$ 1,350.00	\$ 1,350.00	\$ 1,400.00	\$ 1,400.00	\$ 1,200.00	\$ 1,200.00
7	Dr Structure Cover, Adj, Case 2	Ea	19	\$ 150.00	\$ 2,850.00	\$ 300.00	\$ 5,700.00	\$ 200.00	\$ 3,800.00	\$ 125.00	\$ 2,375.00	\$ 275.00	\$ 5,225.00
8	Dr Structure Cover, EJ #7045M1	Ea	3	\$ 580.00	\$ 1,740.00	\$ 350.00	\$ 1,050.00	\$ 300.00	\$ 900.00	\$ 120.00	\$ 360.00	\$ 410.00	\$ 1,230.00
9	Reconstruct Drainage Structure	Ft	83	\$ 100.00	\$ 8,300.00	\$ 190.00	\$ 15,770.00	\$ 148.00	\$ 12,284.00	\$ 50.00	\$ 4,150.00	\$ 100.00	\$ 8,300.00
10	Point-up Drainage Structure	Ea	10	\$ 200.00	\$ 2,000.00	\$ 200.00	\$ 2,000.00	\$ 100.00	\$ 1,000.00	\$ 50.00	\$ 500.00	\$ 150.00	\$ 1,500.00
11	Subgrade Undercutting, Type II	Cyd	40	\$ 30.00	\$ 1,200.00	\$ 15.00	\$ 600.00	\$ 9.00	\$ 360.00	\$ 5.00	\$ 200.00	\$ 25.00	\$ 1,000.00
12	Remove Pavement	Syd	3590	\$ 8.25	\$ 29,618.00	\$ 5.00	\$ 17,950.00	\$ 5.00	\$ 17,950.00	\$ 7.00	\$ 25,130.00	\$ 6.00	\$ 21,540.00
13	Aggregate Base, 21AA, 8-inch	Syd	3743	\$ 9.00	\$ 33,687.00	\$ 5.20	\$ 19,463.60	\$ 9.00	\$ 33,687.00	\$ 6.00	\$ 22,458.00	\$ 11.00	\$ 41,173.00
14	Pavt Repair, Rem	Syd	2804	\$ 12.00	\$ 33,648.00	\$ 5.00	\$ 14,020.00	\$ 5.00	\$ 14,020.00	\$ 12.00	\$ 33,648.00	\$ 9.50	\$ 26,638.00
15	Sidewalk, Rem	Syd	168	\$ 6.00	\$ 1,008.00	\$ 3.50	\$ 588.00	\$ 12.00	\$ 2,016.00	\$ 4.50	\$ 756.00	\$ 4.50	\$ 756.00
16	Nonreinforced Concrete Pavement Repair	Syd	2556	\$ 50.00	\$ 127,800.00	\$ 34.00	\$ 86,904.00	\$ 30.00	\$ 76,680.00	\$ 37.50	\$ 95,850.00	\$ 32.00	\$ 81,792.00
17	Resealing Joints with Hot Poured Rubber	Ft	9150	\$ 1.25	\$ 11,438.00	\$ 0.90	\$ 8,235.00	\$ 0.95	\$ 8,692.50	\$ 0.70	\$ 6,405.00	\$ 0.65	\$ 5,947.50
18	Crack Sealing, Concrete Pavement	Ft	1150	\$ 1.25	\$ 1,438.00	\$ 1.00	\$ 1,150.00	\$ 0.95	\$ 1,092.50	\$ 0.70	\$ 805.00	\$ 0.65	\$ 747.50
19	Concrete Pavement w/Integral Curb, Non-reinf, 7 inch	Syd	3146	\$ 40.00	\$ 125,840.00	\$ 33.00	\$ 103,818.00	\$ 30.00	\$ 94,380.00	\$ 31.50	\$ 99,099.00	\$ 28.00	\$ 88,088.00
20	Concrete Driveway	Syd	533	\$ 35.00	\$ 18,655.00	\$ 29.00	\$ 15,457.00	\$ 36.00	\$ 19,188.00	\$ 33.75	\$ 17,988.75	\$ 29.40	\$ 15,670.20
21	Sidewalk, Conc, 4 inch	Sft	125	\$ 4.00	\$ 500.00	\$ 2.10	\$ 262.50	\$ 4.00	\$ 500.00	\$ 2.75	\$ 343.75	\$ 3.25	\$ 406.25
22	Sidewalk, Conc, 6 inch	Sft	551	\$ 5.00	\$ 2,755.00	\$ 3.50	\$ 1,928.50	\$ 4.25	\$ 2,341.75	\$ 3.25	\$ 1,790.75	\$ 4.00	\$ 2,204.00
23	ADA Detectable Warning Plate - New Construction	Sft	110	\$ 20.00	\$ 2,200.00	\$ 10.00	\$ 1,100.00	\$ 50.00	\$ 5,500.00	\$ 15.00	\$ 1,650.00	\$ 40.00	\$ 4,400.00
24	Underdrain, Subbase, 6 inch	Ft	3024	\$ 6.50	\$ 19,656.00	\$ 10.00	\$ 30,240.00	\$ 12.00	\$ 36,288.00	\$ 9.00	\$ 27,216.00	\$ 10.15	\$ 30,693.60
25	Remove and Reset Mailbox	Ea	6	\$ 150.00	\$ 900.00	\$ 50.00	\$ 300.00	\$ 100.00	\$ 600.00	\$ 10.00	\$ 60.00	\$ 125.00	\$ 750.00
26	Crew Days	Day	\$640.00	40	\$ 25,600.00	18	\$ 11,520.00	28	\$ 17,920.00	25	\$ 16,000.00	40	\$ 25,600.00
Total:					\$ 518,000.00		\$ 349,996.60		\$ 364,787.55		\$ 373,753.25		\$ 381,974.05

Award Amount \$ 338,476.60

Bold Indicates Corrected Entry

Summary of All Bids	
1 GV Cement Company	\$ 349,996.60
2 Mattioli Cement Company	\$ 364,787.55
3 Hartwell Cement Company	\$ 373,753.25
4 Fiore Enterprises, LLC	\$ 381,974.05
5 Audia Concrete	\$ 400,862.60
6 Tiseo Brothers	\$ 407,814.20
7 Goretski Const.	\$ 424,000.00
8 Montes Contracting	\$ 470,130.25
9 V.I.L. Construction	\$ 482,023.50
10 Hard Rock Concrete	\$ 499,581.75
11 Dominic Gaglio Const	\$ 500,993.95
12 Angelo Iafrate Const	\$ 550,455.95

Reviewed and Certified Correct:


 Leo Davies, PE
 URS Corporation