

CITY of NOVI CITY COUNCIL

Agenda Item **3**
July 7, 2008

SUBJECT: Approval to award a construction contract for the Pontiac Trail Water Main Extension project to D & M Contracting, Inc., the lowest qualified bidder, in the amount of \$939,510.

SUBMITTING DEPARTMENT: Engineering *By*

CITY MANAGER APPROVAL: *Ch*

EXPENDITURE REQUIRED	\$939,510
AMOUNT INCLUDED IN CIP	\$1,200,000 (to include total costs including right-of-way and engineering)
ADDITIONAL AMOUNT REQUIRED	N/A
LINE ITEM NUMBER	592-592.00-160.590 (Water and Sewer Fund)

BACKGROUND INFORMATION:

The purpose of this project is to construct 7,400 linear feet of 12-inch diameter water main to complete a loop and provide reliable water service to the northwestern portion of the City. This water main extension will provide a connection of three existing gaps between the dead end water main installed at Beck North Phase II, the water main installed as part of the development of Shoppes at the Trail (Beck and Pontiac Trail) and the water main near the intersection of West Park Drive and Pontiac Trail (near the connection to DWSD). The project will also include the replacement of existing asbestos-cement water main that is aged and undersized along Pontiac Trail. The completion of this loop will provide water service to several properties that are located in Novi but are currently served by adjacent communities such as Wixom and Walled Lake. These customers typically pay 1.5 times the water rate charged by those communities, and as a result of this project, they will become Novi water customers.

The project was recommended in the Water Distribution Study and Master Plan Update completed in 2004 and identified in the 2005-2006 Capital Improvement Program. The project was initiated in 2006 and the Engineering Department and the City Attorney's office have been working since that time to acquire the necessary easements to build the project. The easements have now been acquired for the project.

Twelve bids were received and opened on June 26, 2008 following a public bid solicitation period. The low bidder is D & M Contracting. D & M's bid is recommended as being in the best interest of the City as it is responsive (i.e., D & M has complied with all requirements of the bidding instructions) and it is the lowest price. (FTCH's award recommendation letter dated June 30, 2008 is attached). A summary of the 12 bids is as follows:

Bidder	Bid Amount
D & M Contracting, Inc.	\$ 939,510.00
Pamar Enterprises, Inc.	1,043,994.50
C&G Myers Construction, LLC	1,048,635.50
WM R. Curtis	1,061,066.87
DiPonio & Morelli Construction	1,097,914.30
Lawrence M. Clarke, Inc.	1,103,522.50
C&P Construction Co., Inc.	1,160,032.50
Rainbow Construction Co., Inc.	1,165,644.50
Tygar Excavating, Inc.	1,167,172.00
Pacitto & Forest Construction Co., Inc.	1,191,000.00
ManCon Michigan, Inc.	1,230,282.00
DVM Utilities, Inc.	1,361,962.50

In addition to this project, D & M was recently award the construction contract for the Eleven Mile Road/Delwal Water Main extension.

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

RECOMMENDED ACTION: Approval to award a construction contract for the Pontiac Trail Water Main Extension project to D & M Contracting, Inc., the lowest qualified bidder, in the amount of \$939,510.

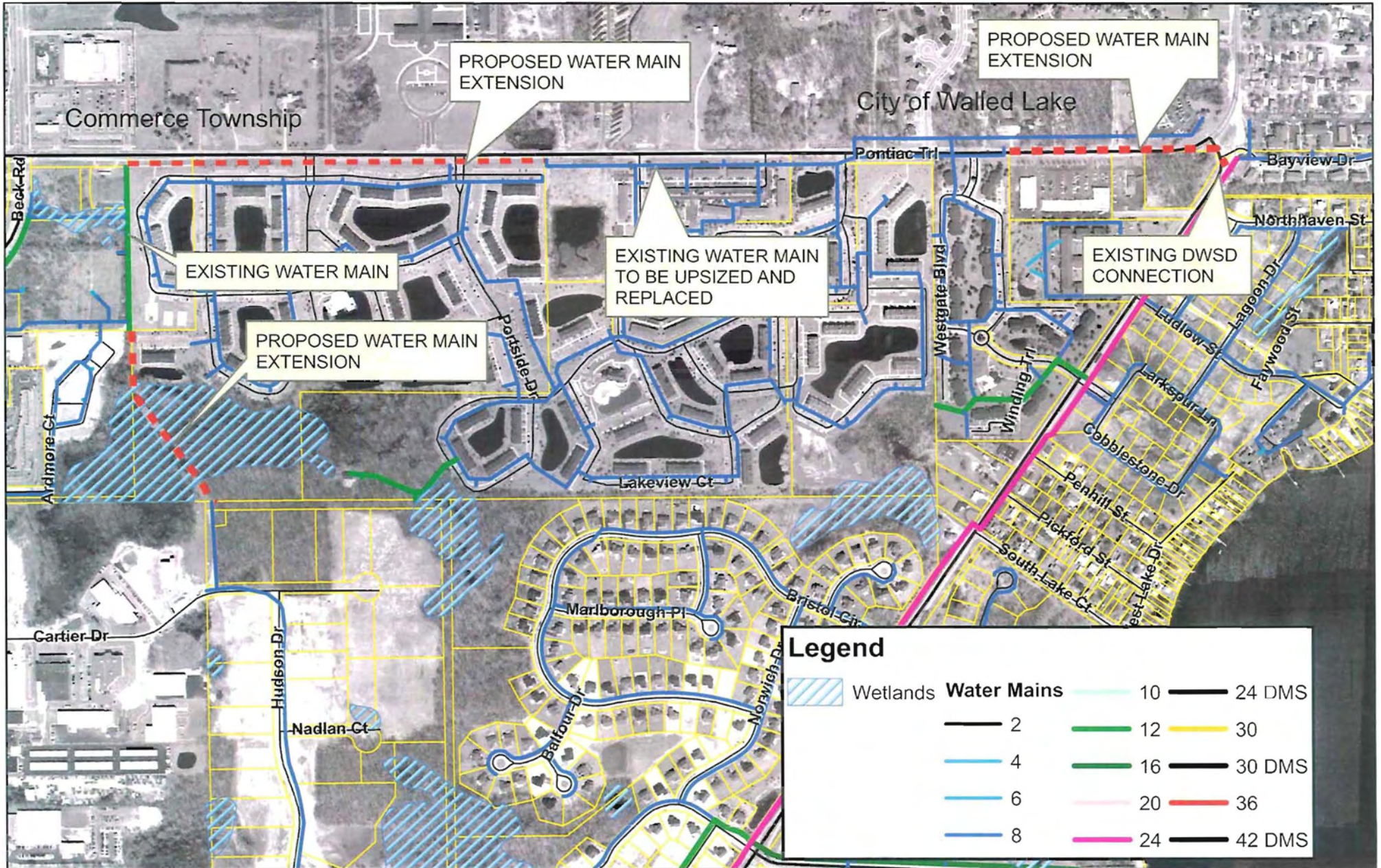
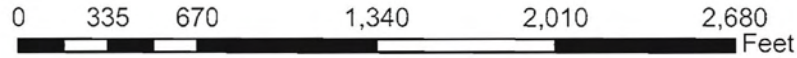
	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Capello				
Council Member Crawford				
Council Member Gatt				

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



PROJECT LOCATION

PONTIAC TRAIL WATER MAIN EXTENSION



ftc&h

engineers
scientists
architects
constructors

June 30, 2008
Project No. G06201CD

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

Re: City of Novi (City)
Pontiac Trail Water Main
Recommendation Letter

Dear Mr. Coburn:

On June 26, 2008, at 10 a.m., a total of 12 bids were received for the referenced project. The final engineer's estimate was \$1,262,828. A copy of a spreadsheet tabulating the bids is attached.

As you know, a big portion of the project involves the directional drilling of 12-inch high-density polyethylene (HDPE) water main through a limited easement space. We were unable to verify the references for the directional drilling subcontractor. FTC&H has reviewed the references for the bidder, D&M Contracting, Inc. (D&M), and found no obvious reasons that the City should not award the contract to them. Therefore, we recommend that the City issue a Notice of Award for the proposed project to D&M in the amount of \$939,510.

FTC&H would like to point out that this contractor has estimated the number of crew days to be 30 days in comparison to the other bidders who proposed double the number of crew days. The City may wish to verify the estimated length of construction with the contractor and verify that delays in the contractors progress will not impact the as-bid price.

If you have any questions or require additional information, please call our office at 248-324-2090.

Sincerely,

FISHBECK, THOMPSON, CARR & HUBER, INC.

Shannon L. Filarecki

Shannon L. Filarecki, P.E.

krm
Enclosure
By e-mail

cc: Ms. Sue Morianti, Purchasing Director – City
Ms. Brandi L.E. Miller, P.E. - FTC&H

39255 Country Club Dr.
Suite B-25
Farmington Hills, MI
48331
ph: 248.324.2090
fax: 248.324.0930
www.ftch.com



Bid Tabulation

Project: Pontiac Trail Water Main Extension
 Location: City of Novi
 Work: Reconstruction of the water main on Pontiac Trail

Bid Open: 6/26/2008
 Project No. G06201CD
 Prepared: SF

Item No.	Item Description	Unit	Engineer's Estimate		D&M Contracting, Inc.		Pamar Enterprises, Inc.		C&G Myers Construction, LLC		
			Bid Quantity	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
101	Construction Observation Max. \$1,000	/Day	70	\$1,000.00	\$ 70,000.00	-	\$ 30,000.00	-	\$ 60,000.00	-	\$ 60,000.00
102	Mobilization, Max \$61,000	LS	1	\$60,100.00	\$ 60,100.00	\$40,810.00	\$ 40,810.00	\$60,100.00	\$ 60,100.00	\$27,700.00	\$ 27,700.00
103	Audio-Visual Coverage	LS	1	\$3,500.00	\$ 3,500.00	\$3,284.00	\$ 3,284.00	\$3,500.00	\$ 3,500.00	\$2,985.00	\$ 2,985.00
104	Control Measures	LS	1	\$7,500.00	\$ 7,500.00	\$5,795.00	\$ 5,795.00	\$5,500.00	\$ 5,500.00	\$3,600.00	\$ 3,600.00
105	Storm Water Operator's Inspection	EA	25	\$100.00	\$ 2,500.00	\$165.00	\$ 4,125.00	\$35.00	\$ 875.00	\$25.00	\$ 625.00
106	Riprap	SY	50	\$40.00	\$ 2,000.00	\$12.50	\$ 625.00	\$30.00	\$ 1,500.00	\$32.00	\$ 1,600.00
107	Maintain Traffic	LS	1	\$6,500.00	\$ 6,500.00	\$9,350.00	\$ 9,350.00	\$10,000.00	\$ 10,000.00	\$15,000.00	\$ 15,000.00
201	Tree, Remove, 6 to 18 inch	EA	6	\$350.00	\$ 2,100.00	\$220.00	\$ 1,320.00	\$900.00	\$ 5,400.00	\$225.00	\$ 1,350.00
202	Tree, Remove, 19 to 36 inch	EA	1	\$550.00	\$ 550.00	\$550.00	\$ 550.00	\$1,500.00	\$ 1,500.00	\$875.00	\$ 875.00
203	Clearing	SY	400	\$8.00	\$ 3,200.00	\$5.50	\$ 2,200.00	\$5.00	\$ 2,000.00	\$3.75	\$ 1,500.00
204	Pavement, Remove	SY	530	\$7.00	\$ 3,710.00	\$7.50	\$ 3,975.00	\$12.00	\$ 6,360.00	\$7.00	\$ 3,710.00
205	Sidewalk, Remove	SY	215	\$20.00	\$ 4,300.00	\$1.65	\$ 354.75	\$10.00	\$ 2,150.00	\$3.40	\$ 731.00
206	Curb and Gutter, Remove	LF	360	\$8.00	\$ 2,880.00	\$1.80	\$ 648.00	\$1.00	\$ 360.00	\$4.30	\$ 1,548.00
207	Remove, Salvage and Resinstall Sign	EA	25	\$200.00	\$ 5,000.00	\$30.00	\$ 750.00	\$25.00	\$ 625.00	\$125.00	\$ 3,125.00
208	Remove Culvert	LF	35	\$12.00	\$ 420.00	\$7.75	\$ 271.25	\$7.00	\$ 245.00	\$9.00	\$ 315.00
209	Diameter	LF	2,250	\$5.00	\$ 11,250.00	\$3.00	\$ 6,750.00	\$0.25	\$ 562.50	\$2.40	\$ 5,400.00
210	Gate Well, Remove	EA	8	\$350.00	\$ 2,800.00	\$245.00	\$ 1,960.00	\$350.00	\$ 2,800.00	\$400.00	\$ 3,200.00
301	Culvert, 12-inch, CSP	LF	281	\$40.00	\$ 11,240.00	\$30.00	\$ 8,430.00	\$15.00	\$ 4,215.00	\$24.00	\$ 6,744.00
302	Storm Sewer, 12-inch, C 76 IV	LF	85	\$45.00	\$ 3,825.00	\$35.00	\$ 2,975.00	\$20.00	\$ 1,700.00	\$31.00	\$ 2,635.00
303	End Section, 12-inch Steel	EA	10	\$150.00	\$ 1,500.00	\$160.00	\$ 1,600.00	\$100.00	\$ 1,000.00	\$122.00	\$ 1,220.00
304	End Section, 12-inch Concrete	EA	1	\$450.00	\$ 450.00	\$425.00	\$ 425.00	\$400.00	\$ 400.00	\$375.00	\$ 375.00
305	Catch Basin, 4-foot Diameter	EA	3	\$1,800.00	\$ 5,400.00	\$1,525.00	\$ 4,575.00	\$1,650.00	\$ 4,950.00	\$1,350.00	\$ 4,050.00
401	Water Main, 4-inch, Class 54 DI	LF	30	\$60.00	\$ 1,800.00	\$50.00	\$ 1,500.00	\$45.00	\$ 1,350.00	\$37.00	\$ 1,110.00
402	Water Main, 8-inch, Class 54 DI	LF	153	\$60.00	\$ 9,180.00	\$59.50	\$ 9,103.50	\$55.00	\$ 8,415.00	\$46.00	\$ 7,038.00
403	Water Main, 12-inch, Class 54 DI	LF	6,026	\$68.00	\$ 409,768.00	\$57.50	\$ 346,495.00	\$60.00	\$ 361,680.00	\$68.00	\$ 409,768.00
404	Directionally Drilled	LF	1,345	\$120.00	\$ 161,400.00	\$71.00	\$ 95,495.00	\$66.00	\$ 88,770.00	\$74.00	\$ 99,530.00
405	Jack	LF	503	\$275.00	\$ 138,325.00	\$179.50	\$ 90,288.50	\$165.00	\$ 82,995.00	\$215.00	\$ 108,145.00
406	4-inch Valve and Gate Well	EA	1	\$2,650.00	\$ 2,650.00	\$2,175.00	\$ 2,175.00	\$2,500.00	\$ 2,500.00	\$1,950.00	\$ 1,950.00
407	8-inch Valve and Gate Well	EA	6	\$2,900.00	\$ 17,400.00	\$2,600.00	\$ 15,600.00	\$5,500.00	\$ 33,000.00	\$2,335.00	\$ 14,010.00
408	12-inch Valve and Gate Well	EA	8	\$3,500.00	\$ 28,000.00	\$3,500.00	\$ 28,000.00	\$8,000.00	\$ 64,000.00	\$3,370.00	\$ 26,960.00
409	8-inch Valve and Box	EA	1	\$900.00	\$ 900.00	\$1,290.00	\$ 1,290.00	\$2,000.00	\$ 2,000.00	\$1,270.00	\$ 1,270.00
410	12-inch Line Stop Valve and Gate Well	EA	1	\$10,000.00	\$ 10,000.00	\$7,800.00	\$ 7,800.00	\$9,500.00	\$ 9,500.00	\$9,540.00	\$ 9,540.00
411	8-inch Line Stop Valve and Gate Well	EA	2	\$6,000.00	\$ 12,000.00	\$4,250.00	\$ 8,500.00	\$5,000.00	\$ 10,000.00	\$6,300.00	\$ 12,600.00
412	Gate Well	EA	1	\$9,500.00	\$ 9,500.00	\$11,400.00	\$ 11,400.00	\$9,000.00	\$ 9,000.00	\$8,250.00	\$ 8,250.00
413	12x12x4-inch Tee, DI	EA	1	\$630.00	\$ 630.00	\$480.00	\$ 480.00	\$480.00	\$ 480.00	\$490.00	\$ 490.00
414	12x12x6-inch Tee, DI	EA	14	\$630.00	\$ 8,820.00	\$498.00	\$ 6,972.00	\$490.00	\$ 6,860.00	\$510.00	\$ 7,140.00
415	12x12x8-inch Tee, DI	EA	9	\$630.00	\$ 5,670.00	\$541.00	\$ 4,869.00	\$535.00	\$ 4,815.00	\$555.00	\$ 4,995.00
416	4-inch Sleeve, DI	EA	1	\$400.00	\$ 400.00	\$108.00	\$ 108.00	\$90.00	\$ 90.00	\$108.00	\$ 108.00
417	8-inch Sleeve, DI	EA	5	\$600.00	\$ 3,000.00	\$200.00	\$ 1,000.00	\$95.00	\$ 475.00	\$204.00	\$ 1,020.00
418	12-inch Sleeve, DI	EA	7	\$1,200.00	\$ 8,400.00	\$360.00	\$ 2,520.00	\$200.00	\$ 1,400.00	\$370.00	\$ 2,590.00
419	8-inch, 45 Degree Bend, DI	EA	4	\$400.00	\$ 1,600.00	\$210.00	\$ 840.00	\$232.00	\$ 928.00	\$214.00	\$ 856.00
420	12-inch 11-1/4 Degree bend, DI	EA	2	\$500.00	\$ 1,000.00	\$400.00	\$ 800.00	\$407.00	\$ 814.00	\$410.00	\$ 820.00
421	12-inch 22-1/2 Degree Bend, DI	EA	2	\$500.00	\$ 1,000.00	\$405.00	\$ 810.00	\$412.00	\$ 824.00	\$415.00	\$ 830.00
422	12-inch 45 Degree Bend, DI	EA	16	\$500.00	\$ 8,000.00	\$405.00	\$ 6,480.00	\$412.00	\$ 6,592.00	\$415.00	\$ 6,640.00
423	12-inch 90 Degree Bend, DI	EA	2	\$500.00	\$ 1,000.00	\$456.00	\$ 912.00	\$412.00	\$ 824.00	\$470.00	\$ 940.00
424	8-inch Plug, DI	EA	6	\$400.00	\$ 2,400.00	\$99.00	\$ 594.00	\$60.00	\$ 360.00	\$54.00	\$ 324.00
425	5-inch Hydrant Assembly	EA	7	\$2,750.00	\$ 19,250.00	\$2,550.00	\$ 17,850.00	\$4,000.00	\$ 28,000.00	\$2,885.00	\$ 20,195.00
426	5-inch Hydrant Assembly, Salvaged	EA	7	\$1,750.00	\$ 12,250.00	\$825.00	\$ 5,775.00	\$1,500.00	\$ 10,500.00	\$1,302.00	\$ 9,114.00
427	HDPB Thrust Restraint Block	EA	4	\$500.00	\$ 2,000.00	\$760.00	\$ 3,040.00	\$350.00	\$ 1,400.00	\$600.00	\$ 2,400.00
428	at Pontiac Trail)	LS	1	\$10,000.00	\$ 10,000.00	\$1,100.00	\$ 1,100.00	\$1,500.00	\$ 1,500.00	\$4,352.00	\$ 4,352.00
429	Remove and Salvage Exist Hydrant	EA	7	\$350.00	\$ 2,450.00	\$470.00	\$ 3,290.00	\$1,500.00	\$ 10,500.00	\$362.00	\$ 2,534.00
430	Remove and Salvage Exist Valve	EA	14	\$350.00	\$ 4,900.00	\$235.00	\$ 3,290.00	\$500.00	\$ 7,000.00	\$362.00	\$ 5,068.00
501	Ditch Grading	LF	4,600	\$4.00	\$ 18,400.00	\$1.10	\$ 5,060.00	\$0.25	\$ 1,150.00	\$4.47	\$ 20,562.00
502	Subgrade Undercutting	CY	300	\$15.00	\$ 4,500.00	\$6.80	\$ 2,040.00	\$5.00	\$ 1,500.00	\$20.00	\$ 6,000.00
503	Aggregate Base, 8-inch	SY	650	\$15.00	\$ 9,750.00	\$7.60	\$ 4,940.00	\$10.00	\$ 6,500.00	\$9.60	\$ 6,240.00
504	HMA, 13A	TON	100	\$100.00	\$ 10,000.00	\$138.00	\$ 13,800.00	\$120.00	\$ 12,000.00	\$180.00	\$ 18,000.00
505	inch	SF	350	\$4.00	\$ 1,400.00	\$6.00	\$ 2,100.00	\$25.00	\$ 8,750.00	\$4.25	\$ 1,487.50
506	Curb and Gutter, Concrete	LF	360	\$15.00	\$ 5,400.00	\$16.50	\$ 5,940.00	\$20.00	\$ 7,200.00	\$16.00	\$ 5,760.00
507	Sidewalk, 4-inch, Concrete	SF	1,900	\$4.00	\$ 7,600.00	\$2.75	\$ 5,225.00	\$8.00	\$ 15,200.00	\$2.55	\$ 4,845.00
508	Sidewalk Ramp	SF	30	\$10.00	\$ 300.00	\$16.50	\$ 495.00	\$10.00	\$ 300.00	\$9.50	\$ 285.00
509	Grading and Lawn Restoration, Seed	SY	7,400	\$3.50	\$ 25,900.00	\$3.35	\$ 24,790.00	\$3.00	\$ 22,200.00	\$2.40	\$ 17,760.00
510	Grading and Lawn Restoration, Sod	SY	8,900	\$6.40	\$ 56,960.00	\$4.45	\$ 39,605.00	\$4.00	\$ 35,600.00	\$3.39	\$ 30,171.00
511	Picea Glauca, 6 feet	EA	1	\$200.00	\$ 200.00	\$715.00	\$ 715.00	\$400.00	\$ 400.00	\$400.00	\$ 400.00
512	Acer Rubrum, 8-inch	EA	5	\$1,200.00	\$ 6,000.00	\$330.00	\$ 1,650.00	\$1,500.00	\$ 7,500.00	\$350.00	\$ 1,750.00
513	Landscaping, Wedgewood Drive	LS	1	\$3,000.00	\$ 3,000.00	\$5,500.00	\$ 5,500.00	\$1,500.00	\$ 1,500.00	\$4,000.00	\$ 4,000.00
514	Landscaping, North	LS	1	\$2,000.00	\$ 2,000.00	\$5,500.00	\$ 5,500.00	\$1,500.00	\$ 1,500.00	\$2,000.00	\$ 2,000.00
515	Landscaping, Woodstone Lane	LS	1	\$2,000.00	\$ 2,000.00	\$5,500.00	\$ 5,500.00	\$1,500.00	\$ 1,500.00	\$2,500.00	\$ 2,500.00
516	Underground Sprinkling	LS	1	\$5,000.00	\$ 5,000.00	\$7,500.00	\$ 7,500.00	\$5,000.00	\$ 5,000.00	\$10,000.00	\$ 10,000.00
			Subtotal:		\$ 1,262,828.00		\$ 939,510.00		\$ 1,043,994.50		\$ 1,048,635.50
	As-Read				\$ 1,262,828.00		\$ 939,510.00		\$ 1,043,994.50		\$ 1,048,635.50

Other bids received	
	Total
WM R. Curtis	\$1,061,086.87
DiPonio & Morelli Construction	\$1,097,914.50
Lawrence M. Clarke, Inc.	\$1,103,522.50
C&P Construction Company, Inc.	\$1,160,032.50
Rainbow Construction Company, Inc.	\$1,165,644.50
Tygar Excavating, Inc.	\$1,187,172.00
Pacitto & Forest Construction Company, Inc.	\$1,191,000.00
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DVM Utilities, Inc.	\$1,361,952.25