

CITY of NOVI CITY COUNCIL

Agenda Item 4
July 7, 2008

SUBJECT: Approval to award a construction contract for the Orchard Hill Place Reconstruction project to Washtenaw, Inc. Maintenance Services, the lowest qualified bidder, in the amount of \$882,981.25.

SUBMITTING DEPARTMENT: Engineering *R24*

CITY MANAGER APPROVAL: *W*

EXPENDITURE REQUIRED	\$ 882,981.25
AMOUNT BUDGETED	\$1,077,000 (for total project costs)
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	202-202.00-865.457 (Major Street Fund)

BACKGROUND INFORMATION:

The project includes the reconstruction of Orchard Hill Place, which connects Haggerty Road and Eight Mile Road in Section 36 and serves as the primary access to a number of office buildings. The existing asphalt road was identified with a PASER rating of 3 when last rated in 2004, which makes it one of the worst rated streets in the city. The work will include the full removal and replacement of the existing road with a new asphalt cross-section which will include adequate base course and underdrains. In addition, an alternate bid was developed to fill a gap in the existing pathway along the south side of Orchard Hill Place, near Michigan Heritage Bank.

Nine bids were received and opened on June 26, 2008 following a public bid solicitation period. The low bidder is Washtenaw, Inc. Maintenance Services. Washtenaw's bid is recommended as being in the best interest of the City as it is responsive (i.e., Washtenaw 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 nine bids is as follows:

Bidder	Base Bid	Alternate 1 (sidewalk gap)	Total Bid (with Alternate 1)
Washtenaw, Inc.	\$ 869,526.25	\$13,455.00	\$882,981.25
ABC Paving	876,715.10	10,800.00	887,515.10
San Marino Excavating	897,191.00	9,975.00	907,166.00
Cadillac Asphalt	894,217.00	15,300.00	909,517.00
Ajax Paving	897,720.30	13,725.00	911,445.30
Angelo lafrate	901,862.00	16,350.00	918,212.00
Florence Cement	943,822.80	8,760.00	952,582.80
T&M Asphalt	942,577.00	18,150.00	960,727.00
A-Six Asphalt	1,036,760.30	9,300.00	1,046,060.30

Staff is recommending award of the Base Bid and Alternate 1 in the amount of \$882,981.25. The attached letter and bid tabulation shows the bid prices for the bid alternates. We are working with the property owners to obtain an easement for the pathway gap and anticipate reaching an agreement by the time construction begins. Acceptance of the easement will be presented to City Council on a future agenda for consideration.

Construction is scheduled to begin in July 2008 and will be completed by October 2008.

RECOMMENDED ACTION: Approval to award a construction contract for the Orchard Hill Place Reconstruction project to Washtenaw, Inc. Maintenance Services, the lowest qualified bidder, in the amount of \$882,981.25.

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

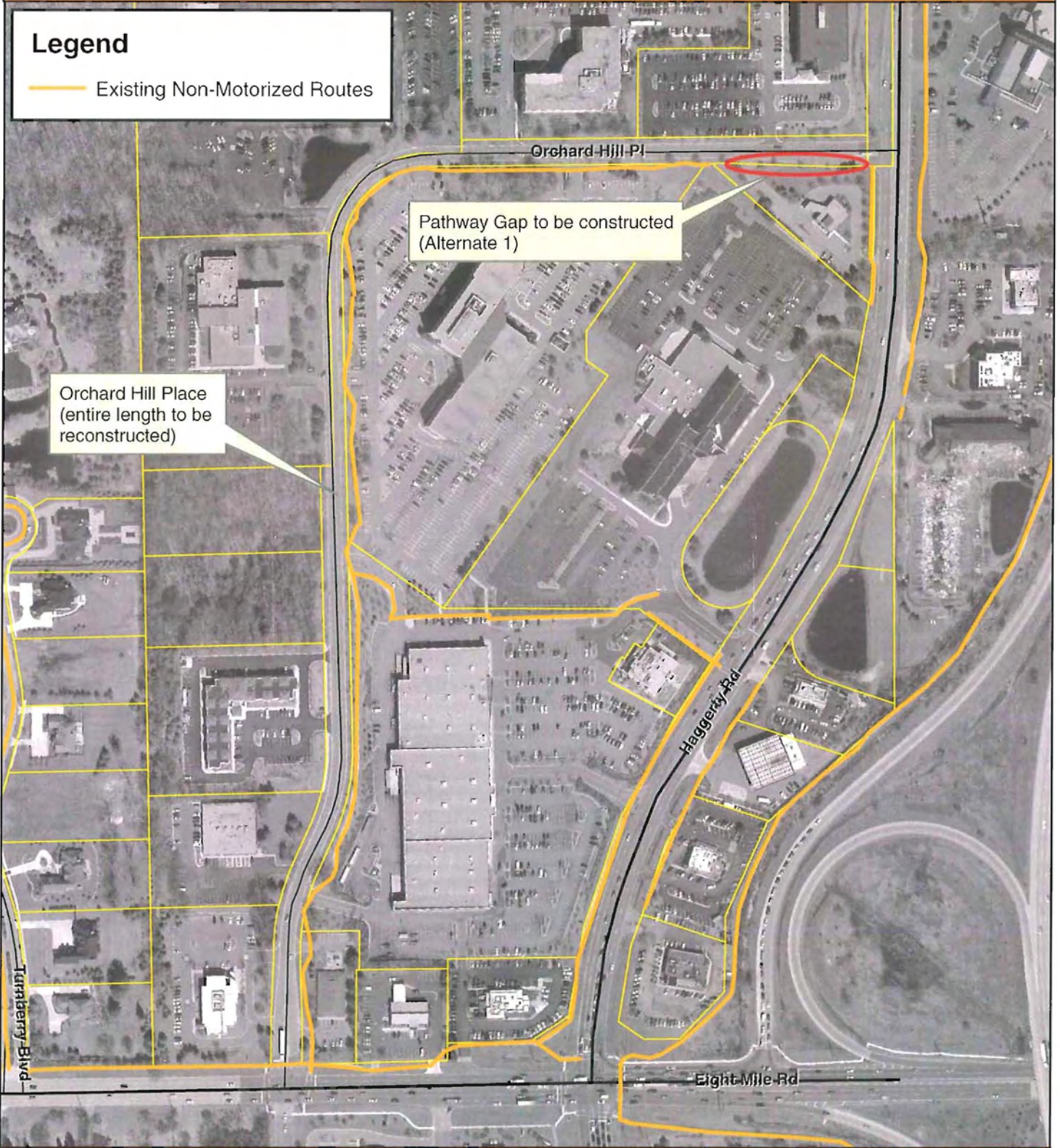
	1	2	Y	N
Council Member Margolis				
Council Member Mutch				
Council Member Staudt				

LOCATION MAP

Orchard Hill Place Reconstruction

Legend

— Existing Non-Motorized Routes



CITY OF NOVI

ENGINEERING DIVISION

45175 W. TEN MILE ROAD
NOVI, MI 48375-3024
(248) 347-0454

MAP AUTHOR: BRIAN COBURN, P.E.



1 INCH EQUALS 300 FEET

MAP PRINT DATE: 7/1/08

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.

ftch

engineers
scientists
architects
constructors

June 30, 2008
Project No. G06202CD

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

Re: City of Novi (City)
Orchard Hill Place Roadway Reconstruction
Recommendation Letter

Dear Mr. Coburn:

On June 26, 2008, at 3 p.m., a total of 9 bids were received for the referenced project. The final engineer's estimate (including Alternate No. 1) was \$958,765. Bids received ranged from a low of \$882,981.25 to \$1,046,060.30. A bid tabulation is attached.

Fishbeck, Thompson, Carr & Huber, Inc. (FTC&H) has reviewed the references for the low bidder, Washtenaw Inc. Maintenance Services (Washtenaw) of Ypsilanti, Michigan. In general, references reported that workmanship and communication with the Contractor was good, but they tended to proceed slowly on projects similar to Orchard Hill Place. For this project, Washtenaw intends to use Fessler & Bowman for concrete work and Cadillac Asphalt for paving. Both of these subcontractors have extensive experience. The remaining work is essentially pavement removal and grading. We discussed the project with Washtenaw, and they are aware of the stipulation in the Agreement that the project be substantially completed within 42 calendar days of the Notice to Proceed or else face liquidated damages, and they maintain that they can complete the project as required.

Based on Washtenaw's experience and their intended work on this project, we did not find significant 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 (including Alternate No. 1) to Washtenaw Inc. Maintenance Services in the amount of \$882,981.25.

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

Sincerely,

FISHBECK, THOMPSON, CARR & HUBER, INC.



David P. Eno, P.E.

km
Enclosure
By e-mail

cc: Ms. Sue Morianti, Purchasing Director - City
Mr. Michael D. Stieler, 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: Orchard Hill Place Reconstruction
 Location: Orchard Hill Place between 8 Mile and Haggerty
 Work: Removal and replacement of: curb and gutter, HMA pavement, driveway approaches

Bid Open: 6/26/2008
 Project No. G080219CD
 Prepared: DPE
 Reviewed: MS

Item No.	Item Description	Unit	Bid Quantity	Engineer's Estimate		Washtenaw, Inc.	
				Unit Price	Total Cost	Unit Price	Total Cost
Base Bid							
1	Mobilization	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
2	Pre-Construction Audio-Visual	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 1,581.25	\$ 1,581.25
3	Soil Erosion and Sedimentation Control	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 4,025.00	\$ 4,025.00
4	Tree Protection	EA	8	\$ 400.00	\$ 3,200.00	\$ 172.50	\$ 1,380.00
5	Maintaining Traffic	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00
6	Maintenance Aggregate	CYD	400	\$ 25.00	\$ 10,000.00	\$ 25.00	\$ 10,000.00
7	Permit Fees	DLR	2,000	\$ 1.00	\$ 2,000.00	\$ 1.00	\$ 2,000.00
8	Remove Pavement	SYD	13,126	\$ 5.00	\$ 65,630.00	\$ 4.00	\$ 52,504.00
9	Remove Concrete Curb and Gutter	FT	6,800	\$ 6.00	\$ 40,800.00	\$ 3.00	\$ 20,400.00
10	Remove Concrete Sidewalk	SFT	400	\$ 2.50	\$ 1,000.00	\$ 0.70	\$ 280.00
11	Remove Bituminous Pathway	SYD	10	\$ 5.00	\$ 50.00	\$ 6.90	\$ 69.00
12	Tree, Rem, 6-inch to 18-inch	EA	4	\$ 450.00	\$ 1,800.00	\$ 345.00	\$ 1,380.00
13	Subgrade Undercut	CYD	300	\$ 35.00	\$ 10,500.00	\$ 15.00	\$ 4,500.00
14	Subbase, CIP, 12-inch	SYD	14,630	\$ 5.50	\$ 80,465.00	\$ 9.00	\$ 131,670.00
15	Aggregate Base, 8-inch	SYD	13,300	\$ 8.00	\$ 106,400.00	\$ 7.00	\$ 93,100.00
16	Underdrain, Subbase, 6-inch	FT	6,400	\$ 5.00	\$ 32,000.00	\$ 5.00	\$ 32,000.00
17	Drainage Structure, Catch Basin	EA	11	\$ 1,500.00	\$ 16,500.00	\$ 900.00	\$ 9,900.00
18	Point-Up Drainage Structure	EA	11	\$ 200.00	\$ 2,200.00	\$ 150.00	\$ 1,650.00
19	Reconstruct Drainage Structure	FT	10	\$ 300.00	\$ 3,000.00	\$ 200.00	\$ 2,000.00
20	Adjust Drainage Structure	EA	19	\$ 200.00	\$ 3,800.00	\$ 300.00	\$ 5,700.00
21	Drainage Structure Cover	LB	9,200	\$ 1.00	\$ 9,200.00	\$ 1.25	\$ 11,500.00
22	Standard Concrete Curb and Gutter	FT	5,800	\$ 15.00	\$ 87,000.00	\$ 10.40	\$ 60,320.00
23	Inverted Concrete Curb and Gutter	FT	540	\$ 18.00	\$ 9,720.00	\$ 10.40	\$ 5,616.00
24	Detail M Drive Opening	FT	1,200	\$ 15.00	\$ 18,000.00	\$ 10.40	\$ 12,480.00
25	MDOT 13A HMA Roadway Pavement	TON	4,800	\$ 75.00	\$ 360,000.00	\$ 63.00	\$ 302,400.00
26	MDOT 13A HMA Approach	TON	220	\$ 85.00	\$ 18,700.00	\$ 100.00	\$ 22,000.00
27	Asphalt Pathway	SYD	10	\$ 25.00	\$ 250.00	\$ 34.50	\$ 345.00
28	Concrete Sidewalk	SFT	450	\$ 3.00	\$ 1,350.00	\$ 4.60	\$ 2,070.00
29	Concrete Sidewalk Ramp	SFT	150	\$ 5.00	\$ 750.00	\$ 5.23	\$ 784.50
30	ADA Detectable Surface	SFT	40	\$ 30.00	\$ 1,200.00	\$ 28.75	\$ 1,150.00
31	Relocate Hydrant	EA	4	\$ 800.00	\$ 3,200.00	\$ 1,725.00	\$ 6,900.00
32	Remove and Reset Sprinkler Heads	EA	60	\$ 25.00	\$ 1,500.00	\$ 35.00	\$ 2,100.00
33	Sprinkler Piping	FT	500	\$ 5.00	\$ 2,500.00	\$ 3.00	\$ 1,500.00
34	Permanent Pavement Markings	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 3,294.75	\$ 3,294.75
35	Permanent Signing	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 2,926.75	\$ 2,926.75
36	Restoration	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00
Subtotal - Base Bid Items:					\$ 947,215.00		\$ 869,526.25
Alternate No. 1							
	Tree, Rem, 6-inch to 18-inch	EA	9	\$ 450.00	\$ 4,050.00	\$ 345.00	\$ 3,105.00
	Asphalt Pathway	SYD	300	\$ 25.00	\$ 7,500.00	\$ 34.50	\$ 10,350.00
Subtotal - Alternate No. 1 Items:					\$ 11,550.00		\$ 13,455.00
TOTAL BID:					\$ 958,765.00		\$ 882,981.25



Bid Tabulation

Project: Orchard Hill Place Reconstruction
 Location: Orchard Hill Place between 8 Mile and Haggerty
 Work: Removal and replacement of: curb and gutter, HMA pavement, driveway approaches

Item No.	Item Description	Unit	Bid Quantity	ABC Paving		San Marino Excavating	
				Unit Price	Total Cost	Unit Price	Total Cost
Base Bid							
1	Mobilization	LS	1	\$ 18,200.00	\$ 18,200.00	\$ 15,000.00	\$ 15,000.00
2	Pre-Construction Audio-Visual	LS	1	\$ 1,900.00	\$ 1,900.00	\$ 1,500.00	\$ 1,500.00
3	Soil Erosion and Sedimentation Control	LS	1	\$ 3,200.00	\$ 3,200.00	\$ 2,900.00	\$ 2,900.00
4	Tree Protection	EA	8	\$ 170.00	\$ 1,360.00	\$ 90.00	\$ 720.00
5	Maintaining Traffic	LS	1	\$ 8,850.00	\$ 8,850.00	\$ 14,000.00	\$ 14,000.00
6	Maintenance Aggregate	CYD	400	\$ 24.00	\$ 9,600.00	\$ 16.00	\$ 6,400.00
7	Permit Fees	DLR	2,000	\$ 1.00	\$ 2,000.00	\$ 1.00	\$ 2,000.00
8	Remove Pavement	SYD	13,126	\$ 8.35	\$ 109,602.10	\$ 4.80	\$ 63,004.80
9	Remove Concrete Curb and Gutter	FT	6,800	\$ 1.65	\$ 11,220.00	\$ 4.50	\$ 30,600.00
10	Remove Concrete Sidewalk	SFT	400	\$ 0.50	\$ 200.00	\$ 0.80	\$ 320.00
11	Remove Bituminous Pathway	SYD	10	\$ 21.50	\$ 215.00	\$ 5.00	\$ 50.00
12	Tree, Rem, 6-inch to 18-inch	EA	4	\$ 500.00	\$ 2,000.00	\$ 375.00	\$ 1,500.00
13	Subgrade Undercut	CYD	300	\$ 27.00	\$ 8,100.00	\$ 28.00	\$ 8,400.00
14	Subbase, CIP, 12-inch	SYD	14,630	\$ 6.00	\$ 87,780.00	\$ 7.85	\$ 114,845.50
15	Aggregate Base, 8-inch	SYD	13,300	\$ 5.30	\$ 70,490.00	\$ 7.95	\$ 105,735.00
16	Underdrain, Subbase, 6-inch	FT	6,400	\$ 4.42	\$ 28,288.00	\$ 4.80	\$ 30,720.00
17	Drainage Structure, Catch Basin	EA	11	\$ 1,160.00	\$ 12,760.00	\$ 1,200.00	\$ 13,200.00
18	Point-Up Drainage Structure	EA	11	\$ 120.00	\$ 1,320.00	\$ 50.00	\$ 550.00
19	Reconstruct Drainage Structure	FT	10	\$ 175.00	\$ 1,750.00	\$ 245.00	\$ 2,450.00
20	Adjust Drainage Structure	EA	19	\$ 310.00	\$ 5,890.00	\$ 310.00	\$ 5,890.00
21	Drainage Structure Cover	LB	9,200	\$ 1.20	\$ 11,040.00	\$ 1.00	\$ 9,200.00
22	Standard Concrete Curb and Gutter	FT	5,800	\$ 11.00	\$ 63,800.00	\$ 10.27	\$ 59,566.00
23	Inverted Concrete Curb and Gutter	FT	540	\$ 11.00	\$ 5,940.00	\$ 10.27	\$ 5,545.80
24	Detail M Drive Opening	FT	1,200	\$ 13.00	\$ 15,600.00	\$ 14.00	\$ 16,800.00
25	MDOT 13A HMA Roadway Pavement	TON	4,800	\$ 69.35	\$ 332,880.00	\$ 65.00	\$ 312,000.00
26	MDOT 13A HMA Approach	TON	220	\$ 96.00	\$ 21,120.00	\$ 130.00	\$ 28,600.00
27	Asphalt Pathway	SYD	10	\$ 82.00	\$ 820.00	\$ 20.40	\$ 204.00
28	Concrete Sidewalk	SFT	450	\$ 3.00	\$ 1,350.00	\$ 3.47	\$ 1,561.50
29	Concrete Sidewalk Ramp	SFT	150	\$ 6.00	\$ 900.00	\$ 5.20	\$ 780.00
30	ADA Detectable Surface	SFT	40	\$ 30.00	\$ 1,200.00	\$ 16.96	\$ 678.40
31	Relocate Hydrant	EA	4	\$ 2,300.00	\$ 9,200.00	\$ 2,100.00	\$ 8,400.00
32	Remove and Reset Sprinkler Heads	EA	60	\$ 31.50	\$ 1,890.00	\$ 125.00	\$ 7,500.00
33	Sprinkler Piping	FT	500	\$ 6.00	\$ 3,000.00	\$ 4.00	\$ 2,000.00
34	Permanent Pavement Markings	LS	1	\$ 3,500.00	\$ 3,500.00	\$ 2,890.00	\$ 2,890.00
35	Permanent Signing	LS	1	\$ 5,750.00	\$ 5,750.00	\$ 3,180.00	\$ 3,180.00
36	Restoration	LS	1	\$ 14,000.00	\$ 14,000.00	\$ 18,500.00	\$ 18,500.00
Subtotal - Base Bid Items:					\$ 876,715.10		\$ 897,191.00
Alternate No. 1							
	Tree, Rem, 6-inch to 18-inch	EA	9	\$ 500.00	\$ 4,500.00	\$ 375.00	\$ 3,375.00
	Asphalt Pathway	SYD	300	\$ 21.00	\$ 6,300.00	\$ 22.00	\$ 6,600.00
Subtotal - Alternate No. 1 Items:					\$ 10,800.00		\$ 9,975.00
TOTAL BID:					\$ 887,515.10		\$ 907,166.00

Other bids received

	Base	Alt No. 1	Total
Cadillac Asphalt	\$ 894,217.00	\$ 15,300.00	\$ 909,517.00
Ajax Paving	\$ 897,720.30	\$ 13,725.00	\$ 911,445.30
Angelo lafrate	\$ 901,862.00	\$ 16,350.00	\$ 918,212.00
Florence Cement	\$ 943,822.80	\$ 8,760.00	\$ 952,582.80
T&M Asphalt	\$ 942,577.00	\$ 18,150.00	\$ 960,727.00
A-Six Asphalt	\$ 1,036,760.30	\$ 9,300.00	\$ 1,046,060.30