



# CITY of NOVI CITY COUNCIL

**Agenda Item 1**  
**June 15, 2009**

**SUBJECT:** Approval to award a construction contract for the 2009 Neighborhood Roads Program to Hard Rock Concrete, Inc., the low bidder, in the amount of \$984,262.41 (the contract is to be signed on or after July 1, 2009).

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

**CITY MANAGER APPROVAL:** *[Signature]*

<b>EXPENDITURE REQUIRED</b>	<b>\$984,262.41</b>
<b>AMOUNT BUDGETED</b>	<b>\$1,300,000 (FY09-10)</b> <b>(includes 2010 Neighborhood Road Engineering)</b>
<b>APPROPRIATION REQUIRED</b>	<b>N/A</b>
<b>LINE ITEM NUMBER</b>	<b>203-203.00-865.419</b>

## BACKGROUND INFORMATION:

Each year the City of Novi selects residential streets for reconstruction, repaving, and/or rehabilitation using PASER ratings and Department of Public Services field observations. Attached is a list of streets to be reconstructed as part of the 2009 Neighborhood Road Program along with a corresponding map.

Similar to recent years, this year's program includes only concrete streets. The reason is that there are many more miles of concrete streets that have more serious problems than asphalt streets, and the vast majority of the worst asphalt streets have been repaved/rehabilitated in recent years.

Earlier this year, the concept of an asset management program for road maintenance was introduced to increase the overall PASER rating our road network and extend the life of the streets in a cost effective manner. This year's Neighborhood Road Program will utilize these asset management concepts and includes a capital preventative maintenance component that involves the rehabilitation/repair of individual panels or discrete areas of the streets that do not require full reconstruction.

Staff reviewed the 2008 Pavement Condition Assessment study to identify the worst rated street segments, and Anderson, Eckstein and Westrick (AEW) was retained in March 2009 to complete the design of this year's program. AEW prioritized 17 street segments and identified \$2,000,000 in street reconstruction. The approved FY2009-10 budget includes \$1,300,000 (including \$100,000 for design engineering for the 2010 program) for the reconstruction of neighborhood streets this construction season, and will include 10 street segments in the base bid: 5 for reconstruction and 5 for rehabilitation. (The design and construction engineering services for the 2009 program were included in the FY2008-09 budget).

The 2009 Neighborhood Road Program includes the following streets:

Streets to be reconstructed:

- Midway Drive (Steeple Path to a point 175' north of Dunbarton Drive)
- Scenic Lane (Novi Road to end, includes Alternate A)
- Ironside Court (Serenity to Cumberland)
- Mystic Blvd (Novi Road to Mystic Forest Drive)
- Mystic Forest Drive (south of Mystic Blvd to north of Mystic Blvd)

Streets to be rehabilitated:

- Serenity Drive (Scenic Lane to End)
- Vista Lane (Serenity Drive to Scenic Lane)
- Kings Pointe Drive (Ten Mile to north end of boulevard)
- Broquet (at intersection with Eden Dr.)
- Morgan Creek (midpoint of Morgan Creek)

Six bids were received and opened on June 4, 2009 following a public bid solicitation period. The lowest bidder is Hard Rock Concrete, Inc. Hard Rock's bid is recommended as being in the best interest of the City as it is responsive (i.e., Hard Rock has complied with all requirements of the bidding instructions) and it is the lowest price. (AEW's award recommendation letter including the bid tabulation dated June 4, 2009 is attached). A summary of the eight bids is as follows:

Company	Base Bid Reconstruction	Base Bid Rehabilitation	Alternate 'A' Scenic Drive Reconstruction	Total Bid (inc. Both Base Bids and Alternate A)
<b>Hard Rock Concrete</b>	<b>\$679,165.91</b>	<b>\$146,444.69</b>	<b>\$158,651.81</b>	<b>\$984,262.41</b>
Hartwell Cement Company	\$841,138.35	\$197,371.50	\$189,601.85	\$1,228,111.70
Dominic Gaglio Construction	\$862,667.00	\$171,608.20	\$205,324.00	\$1,239,599.20
Florence Cement Company	\$899,035.25	\$181,888.20	\$198,090.45	\$1,279,013.90
Major Cement Company	\$928,145.50	\$196,124.00	\$212,010.00	\$1,336,279.50
Audia Concrete Construction	\$990,944.90	\$181,991.07	\$226,022.40	\$1,398,958.37

The project was bid with two alternates in addition to the base bid. The base bid includes the reconstruction and/or rehabilitation of the ten street segments listed above. Alternate A includes the reconstruction of a portion of Scenic Lane. Alternate B includes the rehabilitation of that same portion of Scenic Lane in the event that funds are not available for reconstruction. Due to the favorable bid received, staff is recommending award of the base bid and Alternate A (reconstruction of Scenic Ln) in the amount of \$984,262.41.

Hard Rock successfully completed the concrete portion of the 2006, 2007 and 2008 Neighborhood Road Program.

The project is funded for FY2009-10, and is being awarded now so that the Contractor can begin acquiring bonds and insurance to facilitate the signing of the contract as soon as possible after the start of the fiscal year on July 1, 2009.

Construction is scheduled to begin in July 2009 with completion by the end of the 2009 construction season.

**RECOMMENDED ACTION:** Approval to award a construction contract for the 2009 Neighborhood Roads Program to Hard Rock Concrete, Inc., the low bidder, in the amount of \$984,262.41 (the contract is to be signed on or after July 1, 2009).

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

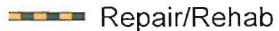
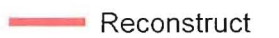
	1	2	Y	N
Council Member Margolis				
Council Member Mutch				
Council Member Staudt				

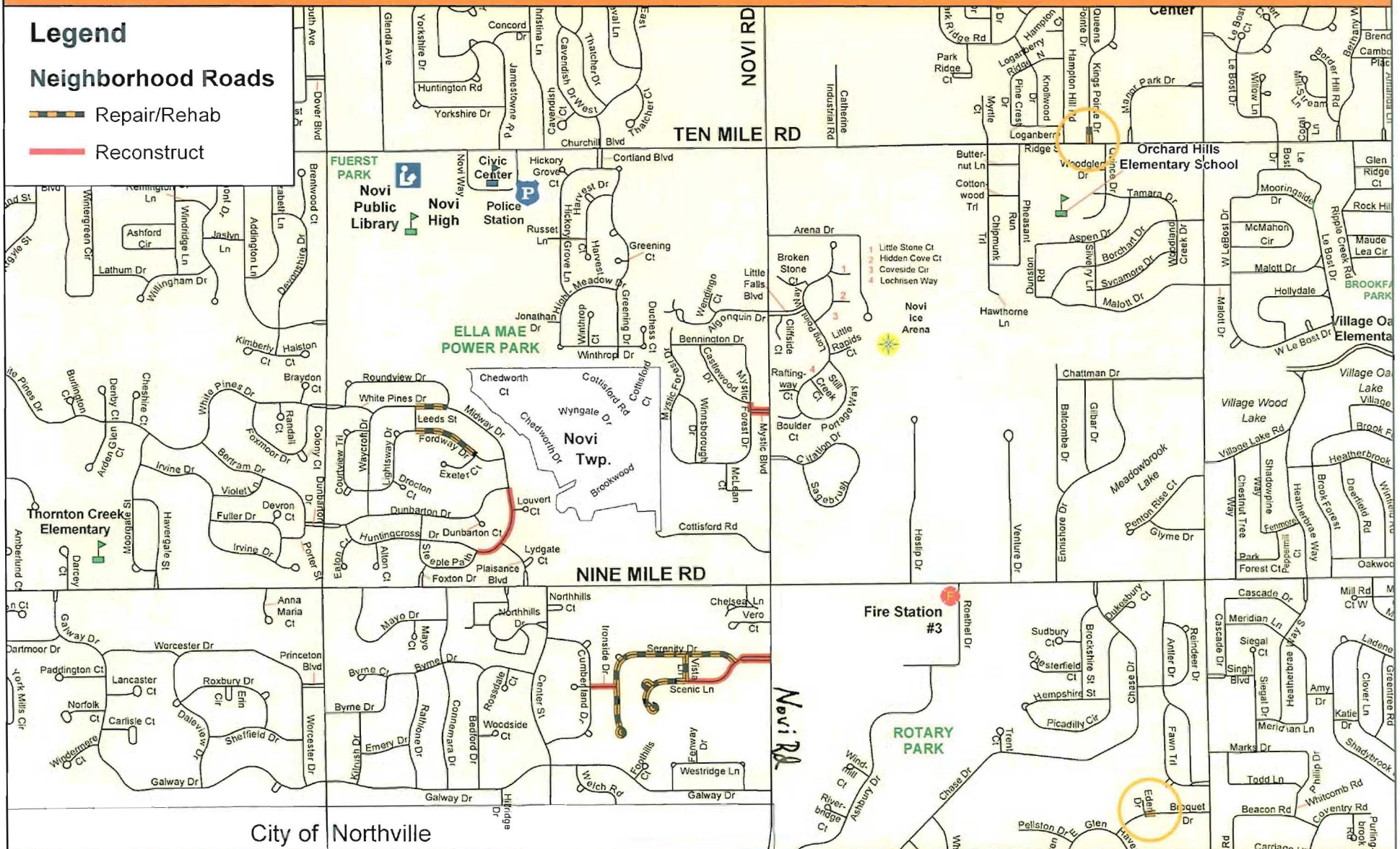
# NEIGHBORHOOD ROAD WORK

2009

## Legend

### Neighborhood Roads

-  Repair/Rehab
-  Reconstruct



### CITY OF NOVI

ENGINEERING DIVISION  
48175 W TEN MILE RD  
NOVI, MI 48375-3024  
(248) 347-0454  
MAP AUTHOR: Brian Coburn



1 INCH = 1,614 FEET

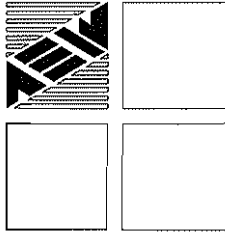
MAP PRINT DATE: 1/23/09

### 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.

**2009 NEIGHBORHOOD ROAD LISTING  
CONCRETE STREETS - RECONSTRUCTION**

<b>Street</b>	<b>From</b>	<b>To</b>	<b>PASER</b>
Midway Dr	Steeple Path	North of Dunbarton Dr.	4
Scenic Ln	Novi	West of Vista Ln	2 / 5
Ironside Ct	Serenity	Cumberland	4
Mystic Blvd	Novi Rd	Mystic Forest Dr	4
Mystic Forest Dr	South of Mystic Blvd	North of Mystic Blvd	5



## ANDERSON, ECKSTEIN AND WESTRICK, INC.

51301 Schoenherr Road, Shelby Township, Michigan 48315

Civil Engineers • Surveyors • Architects 586-726-1234

June 4, 2009

Ben Croy, PE  
City of Novi  
Field Services Complex  
26300 Delwal Drive  
Novi, Michigan 48375

Reference: 2009 Neighborhood Roads  
Novi PO #91494  
AEW No. 822-016

Dear Mr. Croy:

Following public advertising and bid solicitation, bids were publicly opened for the 2009 Neighborhood Roads Program at the City of Novi Offices on June 4, 2009. The referenced project is for reconstructing or patching various roads throughout the community. The bid documents included an Alternate Bid "A" (reconstruction) or Alternate Bid "B" (patching) for a portion of Scenic Lane, from approximately Vista Lane to the cul-de-sac end. We recommend awarding the base bids with Alternate "A."

The certified low bidder on the base bids for reconstruction and patching, including Alternate "A," is Hard Rock Concrete, Inc., with a total of \$984,262.41. We have attached the bid tabulation for your use. Based on previous experience with Hard Rock Concrete, we believe they are capable of adequately performing the work for this project. We recommend that the contract for the 2009 Neighborhood Roads Program (base bids and Alternate "A") be awarded to Hard Rock Concrete.

Please contact our office if you have any questions or comments.

Sincerely,

Nancy E. Shirkey, PE  
Senior Project Engineer

ANDERSON ECKSTEIN & WESTRICK  
51301 SCHOENHERR ROAD  
SHELBY TOWNSHIP, MICHIGAN 48315

\* **Project:** 2009 Neighborhood Road Program  
\* **Addendum NO. 1**

BID TABULATION

AEW PROJECT NO.  
0822-0016

\* **Owner:** City of Novi  
\* **Bid Date:** June 04, 2009  
\* **File:** O/0822/0822-0016/INSP/BIDTAB.XLS

\*Corrected by Engineer

Hard Rock Concrete, Inc.  
38146 Abruzzi Dr.  
Westland, MI. 48185  
734-641-3333

Hartwell Cement Co.  
21650 Fern Ave.  
Oak Park, MI. 48237  
248-548-5858

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>ROAD RECONSTRUCTION</b>							
1.	Audio Visual Record of the Construction Influence Area	1.00	LS	1,485.00	1,485.00	1,375.00	1,375.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	6,724.41	6,724.41	6,750.00	6,750.00
3.	Pavt, Rem	13,727.00	Syd	4.00	54,908.00	5.55	76,184.85
4.	Sidewalk, Rem	1,539.00	Sft	0.50	769.50	0.50	769.50
5.	Driveway, Rem	1,062.00	Syd	0.50	531.00	4.50	4,779.00
6.	Misc Obstruction, Rem	1.00	LS	100.00	100.00	500.00	500.00
7.	Subgrade Undercutting, Type II	385.00	Cyd	12.00	4,620.00	16.00	6,160.00
8.	Station Grading	36.80	Sta	20.00	736.00	600.00	22,080.00
9.	Aggregate Base, 8 inch, Modified	16,132.00	Syd	4.75	76,627.00	7.00	112,924.00
10.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	28.00	Ea	50.00	1,400.00	210.00	5,880.00
11.	Dr Structure, 48 inch dia, Over Existing	1.00	Ea	300.00	300.00	3,500.00	3,500.00
12.	Dr Structure Cover, Adj, Modified	25.00	Ea	150.00	3,750.00	250.00	6,250.00
13.	Dr Structure Cover, Adj, Add Depth, Modified	35.00	Ft	150.00	5,250.00	150.00	5,250.00
14.	Dr Structure, Tap, 6 inch	25.00	Ea	50.00	1,250.00	200.00	5,000.00
15.	Dr Structure, Tap, 12 inch	1.00	Ea	100.00	100.00	400.00	400.00
16.	Underdrain, Subgrade, Open-Graded, 6 inch	7,065.00	Ft	5.50	38,857.50	7.50	52,987.50
17.	Edge Trimming	299.00	Ft	1.00	299.00	2.50	747.50
18.	Conc Pavt with Integral Curb, Nonreinf, 7 inch	15,143.00	Syd	26.50	401,289.50	27.00	408,861.00
19.	Joint, Expansion, E3	408.00	Ft	6.50	2,652.00	9.50	3,876.00
20.	Driveway, Nonreinf Conc, 6 inch	1,301.00	Syd	25.00	32,525.00	31.50	40,981.50
21.	Gate Valve Cover, Adj	1.00	Ea	150.00	150.00	250.00	250.00
22.	Sidewalk, Conc, 4 inch	784.00	Sft	2.50	1,960.00	3.00	2,352.00
23.	Sidewalk Ramp, ADA	610.00	Sft	17.00	10,370.00	16.00	9,760.00
24.	Sidewalk, Brick Paver, Rem and Salv	109.00	Sft	2.00	218.00	12.00	1,308.00
25.	Sidewalk, Conc, 4 inch, Modified	348.00	Sft	2.50	870.00	3.00	1,044.00
26.	Post, Mailbox, Modified	32.00	Ea	50.00	1,600.00	15.00	480.00
27.	Traffic Control and Maintenance	1.00	LS	1,000.00	1,000.00	5,000.00	5,000.00
28.	Topsoil Surface, Furnish, 3 inch and Sodding	7,362.00	Syd	2.00	14,724.00	4.25	31,288.50
29.	Sprinkler System Repair	1.00	LS	100.00	100.00	2,000.00	2,000.00
30.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/Day	25.00	14,000.00	40.00	22,400.00
<b>TOTAL OF ALL BID PRICES - ROAD RECONSTRUCTION:</b>					<b>679,165.91</b>		<b>841,138.35</b>

**Alternate "A" - Additional Reconstruction of Scenic Drive**

1.	Audio Visual Record of the Construction Influence Area	1.00	LS	725.00	725.00	275.00	275.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	1,570.81	1,570.81	1,500.00	1,500.00
3.	Pavt, Rem	3,262.00	Syd	4.00	13,048.00	5.55	18,104.10
4.	Driveway, Rem	371.00	Syd	0.50	185.50	4.50	1,669.50
5.	Misc Obstruction, Rem	1.00	LS	100.00	100.00	500.00	500.00
6.	Subgrade Undercutting, Type II	30.00	Cyd	12.00	360.00	16.00	480.00
7.	Station Grading	2.70	Sta	20.00	54.00	600.00	1,620.00
8.	Aggregate Base, 8 inch, Modified	3,810.00	Syd	4.75	18,097.50	7.00	26,670.00
9.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	2.00	Ea	50.00	100.00	210.00	420.00
10.	Dr Structure Cover, Adj, Modified	7.00	Ea	150.00	1,050.00	250.00	1,750.00
11.	Dr Structure Cover, Adj, Add Depth, Modified	12.00	Ft	150.00	1,800.00	150.00	1,800.00
12.	Dr Structure, Tap, 6 inch	2.00	Ea	50.00	100.00	200.00	400.00
13.	Underdrain, Subgrade, Open-Graded, 6 inch	1,516.00	Ft	5.50	8,338.00	7.50	11,370.00
14.	Conc Pavt with Integral Curb, Nonreinf, 7 inch	3,588.00	Syd	26.50	95,082.00	27.00	96,876.00
15.	Driveway, Nonreinf Conc, 6 inch	443.00	Syd	25.00	11,075.00	31.50	13,954.50
16.	Post, Mailbox, Modified	12.00	Ea	50.00	600.00	15.00	180.00
17.	Traffic Control and Maintenance	1.00	LS	500.00	500.00	1,000.00	1,000.00
18.	Topsoil Surface, Furnish, 3 inch and Sodding	1,483.00	Syd	2.00	2,966.00	4.25	6,302.75
19.	Sprinkler System Repair	1.00	LS	100.00	100.00	250.00	250.00
20.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/Day	5.00	2,800.00	8.00	4,480.00
<b>TOTAL OF ALL BID PRICES FOR ALTERNATE "A":</b>					<b>158,651.81</b>		<b>189,601.85</b>

ANDERSON ECKSTEIN & WESTRICK  
51301 SCHOENHERR ROAD  
SHELBY TOWNSHIP, MICHIGAN 48315

\* Project: 2009 Neighborhood Road Program  
\* Addendum NO. 1

BID TABULATION

AEW PROJECT NO.  
0822-0016

\* Owner: City of Novi  
\* Bid Date: June 04, 2009  
\* File: O/0822/0822-0016/INSP/BIDTAB.XLS

\*\*\*\*\*

\*Corrected by Engineer

Hard Rock Concrete, Inc.  
38146 Abruzzi Dr.  
Westland, MI. 48185  
734-641-3333

Hartwell Cement Co.  
21650 Fern Ave.  
Oak Park, MI. 48237  
248-548-5858

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>PATCHING PROGRAM</b>							
1.	Audio Visual Record of the Construction Influence Area	1.00	LS	1,585.00	1,585.00	2,050.00	2,050.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	1,449.94	1,449.94	1,500.00	1,500.00
3.	Driveway, Rem	20.00	Syd	4.00	80.00	9.00	180.00
4.	Aggregate Base, 8 inch, Modified	3,787.00	Syd	4.75	17,988.25	8.00	30,296.00
5.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	10.00	Ea	50.00	500.00	10.00	100.00
6.	Dr Structure Cover, Adj, Modified	11.00	Ea	150.00	1,650.00	75.00	825.00
7.	Dr Structure Cover, Adj, Add Depth, Modified	16.00	Ft	150.00	2,400.00	125.00	2,000.00
8.	Pavt Repr, Nonreinf Conc, 7 inch, Modified	3,480.00	Syd	26.50	92,220.00	34.50	120,060.00
9.	Pavt Repr, Rem, Modified	3,480.00	Syd	4.00	13,920.00	6.75	23,490.00
10.	Driveway, Nonreinf Conc, 6 inch	20.00	Syd	25.00	500.00	45.00	900.00
11.	Sidewalk, Conc, 4 inch	1,007.00	Sft	2.50	2,517.50	3.50	3,524.50
12.	Sidewalk Ramp, ADA	128.00	Sft	17.00	2,176.00	16.00	2,048.00
13.	Traffic Control and Maintenance	1.00	LS	500.00	500.00	2,000.00	2,000.00
14.	Sidewalk, Rem	1,116.00	Sft	0.50	558.00	0.50	558.00
15.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/DAY	15.00	8,400.00	14.00	7,840.00
<b>TOTAL OF ALL BID PRICES - PATCHING PROGRAM:</b>					<b>146,444.69</b>		<b>197,371.50</b>

<b>Alternate "B" - Patching of Portion of Scenic Drive</b>							
1.	Audio Visual Record of the Construction Influence Area	1.00	LS	725.00	725.00	550.00	550.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	254.60	254.60	250.00	250.00
3.	Aggregate Base, 8 inch, Modified	560.00	Syd	4.75	2,660.00	8.00	4,480.00
4.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	5.00	Ea	50.00	250.00	10.00	50.00
5.	Dr Structure Cover, Adj, Modified	5.00	Ea	150.00	750.00	75.00	375.00
6.	Dr Structure Cover, Adj, Add Depth, Modified	10.00	Ft	150.00	1,500.00	125.00	1,250.00
7.	Pavt Repr, Nonreinf Conc, 7 inch, Modified	550.00	Syd	26.50	14,575.00	34.50	18,975.00
8.	Pavt Repr, Rem, Modified	550.00	Syd	4.00	2,200.00	6.75	3,712.50
9.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/Day	5.00	2,800.00	2.00	1,120.00
<b>TOTAL OF ALL BID PRICES FOR ALTERNATE "B":</b>					<b>25,714.60</b>		<b>30,762.50</b>

ANDERSON ECKSTEIN & WESTRICK  
 51301 SCHOENHERR ROAD  
 SHELBY TOWNSHIP, MICHIGAN 48315

\* Project: 2009 Neighborhood Road Program  
 \* Addendum NO. 1

BID TABULATION

AEW PROJECT NO.  
 0822-0016

\* Owner: City of Novi  
 \* Bid Date: June 04, 2009  
 \* File: O/0822/0822-0016/INSP/BIDTAB.XLS

\*Corrected by Engineer

Dominic Gaglio Construction, Inc. Florence Cement Co.  
 15347 Drysdale St. 12798 23 Mile Rd.  
 Southgate, MI. 48195 Shelby Twp., MI. 48315  
 734-281-7453 586-997-2666

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>ROAD RECONSTRUCTION</b>							
1.	Audio Visual Record of the Construction Influence Area	1.00	LS	1,782.00	1,782.00	1,375.00	1,375.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	24,980.00	24,980.00	26,000.00	26,000.00
3.	Pavt, Rem	13,727.00	Syd	11.00	150,997.00	4.30	59,026.10
4.	Sidewalk, Rem	1,539.00	Sft	1.50	2,308.50	1.75	2,693.25
5.	Driveway, Rem	1,062.00	Syd	13.50	14,337.00	9.70	10,301.40
6.	Misc Obstruction, Rem	1.00	LS	1,000.00	1,000.00	1,000.00	1,000.00
7.	Subgrade Undercutting, Type II	385.00	Cyd	8.50	3,272.50	24.00	9,240.00
8.	Station Grading	36.80	Sta	100.00	3,680.00	3,200.00	117,760.00
9.	Aggregate Base, 8 inch, Modified	16,132.00	Syd	2.95	47,589.40	6.35	102,438.20
10.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	28.00	Ea	50.00	1,400.00	100.00	2,800.00
11.	Dr Structure, 48 inch dia, Over Existing	1.00	Ea	2,200.00	2,200.00	1,200.00	1,200.00
12.	Dr Structure Cover, Adj, Modified	25.00	Ea	195.00	4,875.00	160.00	4,000.00
13.	Dr Structure Cover, Adj, Add Depth, Modified	35.00	Fl	50.00	1,750.00	180.00	6,300.00
14.	Dr Structure, Tap, 6 inch	25.00	Ea	100.00	2,500.00	100.00	2,500.00
15.	Dr Structure, Tap, 12 inch	1.00	Ea	700.00	700.00	200.00	200.00
16.	Underdrain, Subgrade, Open-Graded, 6 inch	7,065.00	Ft	8.50	60,052.50	6.50	45,922.50
17.	Edge Trimming	299.00	Ft	10.00	2,990.00	2.00	598.00
18.	Conc Pavt with Integral Curb, Nonreinf, 7 inch	15,143.00	Syd	27.00	408,861.00	27.00	408,861.00
19.	Joint, Expansion, E3	408.00	Ft	16.00	6,528.00	3.00	1,224.00
20.	Driveway, Nonreinf Conc, 6 inch	1,301.00	Syd	22.50	29,272.50	24.00	31,224.00
21.	Gate Valve Cover, Adj	1.00	Ea	150.00	150.00	135.00	135.00
22.	Sidewalk, Conc, 4 inch	784.00	Sft	2.50	1,960.00	2.10	1,646.40
23.	Sidewalk Ramp, ADA	610.00	Sft	4.20	2,562.00	10.00	6,100.00
24.	Sidewalk, Brick Paver, Rem and Salv	109.00	Sft	3.00	327.00	6.50	708.50
25.	Sidewalk, Conc, 4 inch, Modified	348.00	Sft	2.70	939.60	2.10	730.80
26.	Post, Mailbox, Modified	32.00	Ea	50.00	1,600.00	70.00	2,240.00
27.	Traffic Control and Maintenance	1.00	LS	10,000.00	10,000.00	5,000.00	5,000.00
28.	Topsoil Surface, Furnish, 3 inch and Sodding	7,362.00	Syd	6.50	47,853.00	1.55	11,411.10
29.	Sprinkler System Repair	1.00	LS	1,000.00	1,000.00	2,800.00	2,800.00
30.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/Day	45.00	25,200.00	60.00	33,600.00
<b>TOTAL OF ALL BID PRICES - ROAD RECONSTRUCTION:</b>					<b>862,667.00</b>		<b>899,035.25</b>

**Alternate "A" - Additional Reconstruction of Scenic Drive**

1.	Audio Visual Record of the Construction Influence Area	1.00	LS	870.00	870.00	275.00	275.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	5,965.00	5,965.00	2,000.00	2,000.00
3.	Pavt, Rem	3,262.00	Syd	11.00	35,882.00	4.30	14,026.60
4.	Driveway, Rem	371.00	Syd	13.50	5,008.50	10.00	3,710.00
5.	Misc Obstruction, Rem	1.00	LS	450.00	450.00	2,000.00	2,000.00
6.	Subgrade Undercutting, Type II	30.00	Cyd	8.50	255.00	27.00	810.00
7.	Station Grading	2.70	Sta	100.00	270.00	3,200.00	8,640.00
8.	Aggregate Base, 8 inch, Modified	3,810.00	Syd	2.95	11,239.50	6.50	24,765.00
9.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	2.00	Ea	50.00	100.00	100.00	200.00
10.	Dr Structure Cover, Adj, Modified	7.00	Ea	195.00	1,365.00	160.00	1,120.00
11.	Dr Structure Cover, Adj, Add Depth, Modified	12.00	Fl	50.00	600.00	180.00	2,160.00
12.	Dr Structure, Tap, 6 inch	2.00	Ea	100.00	200.00	100.00	200.00
13.	Underdrain, Subgrade, Open-Graded, 6 inch	1,516.00	Ft	8.50	12,886.00	6.50	9,854.00
14.	Conc Pavt with Integral Curb, Nonreinf, 7 inch	3,588.00	Syd	27.00	96,876.00	29.50	105,846.00
15.	Driveway, Nonreinf Conc, 6 inch	443.00	Syd	22.50	9,967.50	24.00	10,632.00
16.	Post, Mailbox, Modified	12.00	Ea	50.00	600.00	70.00	840.00
17.	Traffic Control and Maintenance	1.00	LS	1,500.00	1,500.00	500.00	500.00
18.	Topsoil Surface, Furnish, 3 inch and Sodding	1,483.00	Syd	6.50	9,639.50	1.95	2,891.85
19.	Sprinkler System Repair	1.00	LS	450.00	450.00	900.00	900.00
20.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/Day	20.00	11,200.00	12.00	6,720.00
<b>TOTAL OF ALL BID PRICES FOR ALTERNATE "A":</b>					<b>205,324.00</b>		<b>198,090.45</b>



ANDERSON ECKSTEIN & WESTRICK  
 51301 SCHOENHERR ROAD  
 SHELBY TOWNSHIP, MICHIGAN 48315

\* **Project:** 2009 Neighborhood Road Program  
 \* **Addendum NO. 1**

BID TABULATION

AEW PROJECT NO.  
 0822-0016

\* **Owner:** City of Novi  
 \* **Bid Date:** June 04, 2009  
 \* **File** O:\0822\0822-0016\INSP\BIDTAB.XLS

\*Corrected by Engineer

Dominic Gaglio Construction, Inc. Florence Cement Co.  
 15347 Drysdale St. 12798 23 Mile Rd.  
 Southgate, MI. 48195 Shelby Twp., MI. 48315  
 734-281-7453 586-997-2666

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>PATCHING PROGRAM</b>							
1.	Audio Visual Record of the Construction Influence Area	1.00	LS	1,902.00	1,902.00	1,200.00	1,200.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	5,110.00	5,110.00	2,000.00	2,000.00
3.	Driveway, Rem	20.00	Syd	13.50	270.00	11.00	220.00
4.	Aggregate Base, 8 inch, Modified	3,787.00	Syd	3.00	11,361.00	8.50	32,189.50
5.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	10.00	Ea	50.00	500.00	100.00	1,000.00
6.	Dr Structure Cover, Adj, Modified	11.00	Ea	195.00	2,145.00	150.00	1,650.00
7.	Dr Structure Cover, Adj, Add Depth, Modified	16.00	Fl	50.00	800.00	170.00	2,720.00
8.	Pavt Repr, Nonreinf Conc, 7 inch, Modified	3,480.00	Syd	27.00	93,960.00	26.50	92,220.00
9.	Pavt Repr, Rem, Modified	3,480.00	Syd	11.00	38,280.00	10.50	36,540.00
10.	Driveway, Nonreinf Conc, 6 inch	20.00	Syd	20.50	410.00	24.00	480.00
11.	Sidewalk, Conc, 4 inch	1,007.00	Sft	3.00	3,021.00	2.10	2,114.70
12.	Sidewalk Ramp, ADA	128.00	Sft	4.20	537.60	10.00	1,280.00
13.	Traffic Control and Maintenance	1.00	LS	2,000.00	2,000.00	1,000.00	1,000.00
14.	Sidewalk, Rem	1,116.00	Sft	0.10	111.60	1.50	1,674.00
15.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/DAY	20.00	11,200.00	10.00	5,600.00
<b>TOTAL OF ALL BID PRICES - PATCHING PROGRAM:</b>					<b>171,608.20</b>		<b>181,888.20</b>

<b>Alternate "B" - Patching of Portion of Scenic Drive</b>							
1.	Audio Visual Record of the Construction Influence Area	1.00	LS	870.00	870.00	200.00	200.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	872.00	872.00	750.00	750.00
3.	Aggregate Base, 8 inch, Modified	560.00	Syd	3.00	1,680.00	10.00	5,600.00
4.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	5.00	Ea	50.00	250.00	100.00	500.00
5.	Dr Structure Cover, Adj, Modified	5.00	Ea	195.00	975.00	150.00	750.00
6.	Dr Structure Cover, Adj, Add Depth, Modified	10.00	Fl	50.00	500.00	170.00	1,700.00
7.	Pavt Repr, Nonreinf Conc, 7 inch, Modified	550.00	Syd	27.00	14,850.00	26.50	14,575.00
8.	Pavt Repr, Rem, Modified	550.00	Syd	11.00	6,050.00	11.00	6,050.00
9.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/Day	7.00	3,920.00	3.00	1,680.00
<b>TOTAL OF ALL BID PRICES FOR ALTERNATE :B":</b>					<b>29,967.00</b>		<b>31,805.00</b>

ANDERSON ECKSTEIN & WESTRICK  
51301 SCHOENHERR ROAD  
SHELBY TOWNSHIP, MICHIGAN 48315

\* Project: 2009 Neighborhood Road Program  
\* Addendum NO. 1

BID TABULATION

AEW PROJECT NO.  
0822-0016

\* Owner: City of Novi  
\* Bid Date: June 04, 2009  
\* File: O/0822/0822-0016/INSP/BIDTAB.XLS

\*Corrected by Engineer

Major Cement  
15430 Dale St.  
Detroit, MI. 48223  
313-532-3212

Audia Concrete Construction, Inc.  
2985 Childs Lake Rd.  
Milford, MI. 48381  
248-676-9570

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>ROAD RECONSTRUCTION</b>							
1.	Audio Visual Record of the Construction Influence Area	1.00	LS	1,485.00	1,485.00	1,375.00	1,375.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	20,000.00	20,000.00	22,619.09	22,619.09
3.	Pavt, Rem	13,727.00	Syd	4.00	54,908.00	5.00	68,635.00
4.	Sidewalk, Rem	1,539.00	Sft	5.00	7,695.00	0.50	769.50
5.	Driveway, Rem	1,062.00	Syd	5.00	5,310.00	4.50	4,779.00
6.	Misc Obstruction, Rem	1.00	LS	2,500.00	2,500.00	500.00	500.00
7.	Subgrade Undercutting, Type II	385.00	Cyd	25.00	9,625.00	10.00	3,850.00
8.	Station Grading	36.80	Sta	1,200.00	44,160.00	200.00	7,360.00
9.	Aggregate Base, 8 inch, Modified	16,132.00	Syd	6.50	104,858.00	4.48	72,271.36
10.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	28.00	Ea	100.00	2,800.00	100.00	2,800.00
11.	Dr Structure, 48 inch dia, Over Existing	1.00	Ea	3,500.00	3,500.00	2,800.00	2,800.00
12.	Dr Structure Cover, Adj, Modified	25.00	Ea	250.00	6,250.00	150.00	3,750.00
13.	Dr Structure Cover, Adj, Add Depth, Modified	35.00	Ft	175.00	6,125.00	59.00	2,065.00
14.	Dr Structure, Tap, 6 inch	25.00	Ea	100.00	2,500.00	125.00	3,125.00
15.	Dr Structure, Tap, 12 inch	1.00	Ea	1,000.00	1,000.00	200.00	200.00
16.	Underdrain, Subgrade, Open-Graded, 6 inch	7,065.00	Ft	8.00	56,520.00	18.00	127,170.00
17.	Edge Trimming	299.00	Ft	10.00	2,990.00	3.00	897.00
18.	Conc Pavt with Integral Curb, Nonreinf, 7 inch	15,143.00	Syd	29.50	446,718.50	35.80	542,119.40
19.	Joint, Expansion, E3	408.00	Ft	10.00	4,080.00	10.00	4,080.00
20.	Driveway, Nonreinf Conc, 6 inch	1,301.00	Syd	29.00	37,729.00	26.55	34,541.55
21.	Gate Valve Cover, Adj	1.00	Ea	350.00	350.00	100.00	100.00
22.	Sidewalk, Conc, 4 inch	784.00	Sft	3.00	2,352.00	2.50	1,960.00
23.	Sidewalk Ramp, ADA	610.00	Sft	9.00	5,490.00	10.00	6,100.00
24.	Sidewalk, Brick Paver, Rem and Salv	109.00	Sft	15.00	1,635.00	10.00	1,090.00
25.	Sidewalk, Conc, 4 inch, Modified	348.00	Sft	7.00	2,436.00	5.00	1,740.00
26.	Post, Mailbox, Modified	32.00	Ea	100.00	3,200.00	150.00	4,800.00
27.	Traffic Control and Maintenance	1.00	LS	25,500.00	25,500.00	12,000.00	12,000.00
28.	Topsoil Surface, Furnish, 3 inch and Sodding	7,362.00	Syd	4.50	33,129.00	4.00	29,448.00
29.	Sprinkler System Repair	1.00	LS	2,500.00	2,500.00	2,800.00	2,800.00
30.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/Day	55.00	30,800.00	45.00	25,200.00
<b>TOTAL OF ALL BID PRICES - ROAD RECONSTRUCTION:</b>					<b>928,145.50</b>		<b>990,944.90</b>
 <b>Alternate "A" - Additional Reconstruction of Scenic Drive</b>							
1.	Audio Visual Record of the Construction Influence Area	1.00	LS	725.00	725.00	275.00	275.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	5,000.00	5,000.00	3,459.05	3,459.05
3.	Pavt, Rem	3,262.00	Syd	4.00	13,048.00	5.00	16,310.00
4.	Driveway, Rem	371.00	Syd	5.00	1,855.00	4.50	1,669.50
5.	Misc Obstruction, Rem	1.00	LS	1,000.00	1,000.00	500.00	500.00
6.	Subgrade Undercutting, Type II	30.00	Cyd	29.00	870.00	10.00	300.00
7.	Station Grading	2.70	Sta	1,500.00	4,050.00	200.00	540.00
8.	Aggregate Base, 8 inch, Modified	3,810.00	Syd	7.00	26,670.00	4.48	17,068.80
9.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	2.00	Ea	100.00	200.00	100.00	200.00
10.	Dr Structure Cover, Adj, Modified	7.00	Ea	250.00	1,750.00	150.00	1,050.00
11.	Dr Structure Cover, Adj, Add Depth, Modified	12.00	Ft	175.00	2,100.00	59.00	708.00
12.	Dr Structure, Tap, 6 inch	2.00	Ea	100.00	200.00	125.00	250.00
13.	Underdrain, Subgrade, Open-Graded, 6 inch	1,516.00	Ft	8.00	12,128.00	18.00	27,288.00
14.	Conc Pavt with Integral Curb, Nonreinf, 7 inch	3,588.00	Syd	29.00	104,052.00	35.80	128,450.40
15.	Driveway, Nonreinf Conc, 6 inch	443.00	Syd	29.00	12,847.00	26.55	11,761.65
16.	Post, Mailbox, Modified	12.00	Ea	100.00	1,200.00	150.00	1,800.00
17.	Traffic Control and Maintenance	1.00	LS	7,000.00	7,000.00	2,300.00	2,300.00
18.	Topsoil Surface, Furnish, 3 inch and Sodding	1,483.00	Syd	5.00	7,415.00	4.00	5,932.00
19.	Sprinkler System Repair	1.00	LS	1,500.00	1,500.00	560.00	560.00
20.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/Day	15.00	8,400.00	10.00	5,600.00
<b>TOTAL OF ALL BID PRICES FOR ALTERNATE "A":</b>					<b>212,010.00</b>		<b>226,022.40</b>

ANDERSON ECKSTEIN & WESTRICK  
 51301 SCHOENHERR ROAD  
 SHELBY TOWNSHIP, MICHIGAN 48315

Project: 2009 Neighborhood Road Program  
 Addendum NO. 1

BID TABULATION

AEW PROJECT NO.  
 0822-0016

Owner: City of Novi  
 Bid Date: June 04, 2009  
 File: O/0822/0822-0016/INSP/BIDTAB.XLS

\*Corrected by Engineer

Major Cement  
 15430 Dale St.  
 Detroit, MI. 48223  
 313-532-3212

Audia Concrete Construction, Inc.  
 2985 Childs Lake Rd.  
 Milford, MI. 48381  
 248-676-9570

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>PATCHING PROGRAM</b>							
1.	Audio Visual Record of the Construction Influence Area	1.00	LS	1,585.00	1,585.00	1,200.00	1,200.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	5,000.00	5,000.00	1,870.81	1,870.81
3.	Driveway, Rem	20.00	Syd	10.00	200.00	4.50	90.00
4.	Aggregate Base, 8 inch, Modified	3,787.00	Syd	10.00	37,870.00	4.48	16,965.76
5.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	10.00	Ea	100.00	1,000.00	100.00	1,000.00
6.	Dr Structure Cover, Adj, Modified	11.00	Ea	250.00	2,750.00	150.00	1,650.00
7.	Dr Structure Cover, Adj, Add Depth, Modified	16.00	Ft	175.00	2,800.00	59.00	944.00
8.	Pavt Repr, Nonreinf Conc, 7 inch, Modified	3,480.00	Syd	30.00	104,400.00	35.80	124,584.00
9.	Pavt Repr, Rem, Modified	3,480.00	Syd	7.00	24,360.00	5.00	17,400.00
10.	Driveway, Nonreinf Conc, 6 inch	20.00	Syd	35.00	700.00	26.55	531.00
11.	Sidewalk, Conc, 4 inch	1,007.00	Sft	3.00	3,021.00	2.50	2,517.50
12.	Sidewalk Ramp, ADA	128.00	Sft	10.00	1,280.00	10.00	1,280.00
13.	Traffic Control and Maintenance	1.00	LS	5,000.00	5,000.00	3,000.00	3,000.00
14.	Sidewalk, Rem	1,116.00	Sft	0.50	558.00	0.50	558.00
15.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/DAY	10.00	5,600.00	15.00	8,400.00
<b>TOTAL OF ALL BID PRICES - PATCHING PROGRAM:</b>					<b>196,124.00</b>		<b>181,991.07</b>
<b>Alternate "B" - Patching of Portion of Scenic Drive</b>							
1.	Audio Visual Record of the Construction Influence Area	1.00	LS	725.00	725.00	200.00	200.00
2.	Bonds, Insurance and Initial Setup (3% Max.)	1.00	LS	1,000.00	1,000.00	297.69	297.69
3.	Aggregate Base, 8 inch, Modified	560.00	Syd	10.00	5,600.00	4.48	2,508.80
4.	Erosion Control, Curb and Gutter Inlet Filter, Detail F	5.00	Ea	100.00	500.00	100.00	500.00
5.	Dr Structure Cover, Adj, Modified	5.00	Ea	250.00	1,250.00	150.00	750.00
6.	Dr Structure Cover, Adj, Add Depth, Modified	10.00	Ft	175.00	1,750.00	59.00	590.00
7.	Pavt Repr, Nonreinf Conc, 7 inch, Modified	550.00	Syd	30.00	16,500.00	35.80	19,690.00
8.	Pavt Repr, Rem, Modified	550.00	Syd	7.00	3,850.00	5.00	2,750.00
9.	Construction Observation of Material and Work to be Performed (Crew-Days)	560.00	\$/Day	4.00	2,240.00	3.00	1,680.00
<b>TOTAL OF ALL BID PRICES FOR ALTERNATE :B":</b>					<b>33,415.00</b>		<b>28,966.49</b>