



**CITY of NOVI CITY COUNCIL**

**Agenda Item 4  
June 6, 2011**

**SUBJECT:** Approval to award a construction contract for the Beck Road Rehabilitation – Nine Mile to Cheltenham project to Florence Cement Co., the low bidder, in the amount of \$314,365.

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

**CITY MANAGER APPROVAL:** *[Signature]* *R24*

<b>EXPENDITURE REQUIRED</b>	<b>\$314,365</b>
<b>AMOUNT BUDGETED</b>	<b>\$303,400</b>
<b>APPROPRIATION REQUIRED</b>	<b>\$10,965</b>
<b>LINE ITEM NUMBER</b>	<b>202-202.00-865.234</b>

**BACKGROUND INFORMATION:**

This project includes the reconstruction and rehabilitation of Beck Road between Nine Mile and Cheltenham Drive. This section of Beck Road has a PASER rating of 3 (poor). A portion of the road, between Nine Mile and Beckenham Blvd., will be reconstructed. The remaining portion of the road segment, between Beckenham and Cheltenham, will be rehabilitated by milling off the existing pavement and repaving. Some drainage improvements will be performed in the reconstructed area especially where the road has flooded in the past. A 4-foot wide paved shoulder will be included on both sides of the road within the project limits as recommended by the recently adopted Non-Motorized Master Plan. A location map has been included for reference.

Five (5) bids were received and opened on May 25, 2011 following a public bid solicitation period. The lowest bidder is Florence Cement Co. Florence's bid is recommended as being in the best interest of the City as it is responsive (i.e., Florence has complied with all requirements of the bidding instructions) and it is the lowest price. (SDA's award recommendation letter including the bid tabulation dated May 27, 2011 is attached.) A summary of the five bids is as follows:

Contractor	Bid Price (including Crew Days)
<b>Florence Cement</b>	<b>\$329,126</b>
Ajax Paving	\$333,336
Cadillac Asphalt	\$355,014
Barrett Paving	\$408,707
ABC Paving	\$415,154

The project was included in the FY2010-11 capital improvement program in the budgeted amount of \$303,400 for construction and \$63,200 for engineering (total project budget of \$366,600), of which \$25,176 was awarded for design engineering, \$314,365 is now being recommended for award to Florence for construction, and \$36,766 is also recommended for award to SDA for construction engineering services (a separate item on this agenda) for total contract awards in the amount of \$376,307.

Florence has successfully completed project for the City of Novi including the 2010 Capital Preventative Maintenance Program (Major Streets) and the Novi Road/Post Office Signalization project.

Construction is scheduled to begin in mid-summer 2011 and completion is anticipated by fall 2011.

**RECOMMENDED ACTION:** Approval to award a construction contract for the Beck Road Rehabilitation – Nine Mile to Cheltenham project to Florence Cement Co., the low bidder, in the amount of \$314,365.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Gatt				
Council Member Fischer				
Council Member Margolis				

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



## SPALDING DEDECKER ASSOCIATES, INC.

905 South Boulevard East • Rochester Hills • Michigan 48307 • Tel 248 844 5400 • Fax 248 844 5404

May 27, 2011

Mr. Benjamin Croy, PE, Civil Engineer  
City of Novi  
26300 Delwal Drive  
Novi, Michigan 48375

Re: **Recommendation for Award**  
Beck Road Rehabilitation – Nine Mile to Cheltenham  
SDA Project No.: NV10-002

Dear Mr. Croy:

On May 25, 2011 at 3:00 p.m. construction bids were opened and publicly read at the City of Novi Civic Center for the Beck Road Rehabilitation – Nine Mile to Cheltenham project.

The City Clerk's office received five (5) sealed bids for this project. The apparent low bidder, Florence Cement Company, submitted a bid of \$329,125.60. Following the bid opening, Spalding DeDecker Associates (SDA) reviewed all of the bids received, verified the calculations, and prepared the attached bid tabulation for the project.

Although the low bid was 7.4% above the Engineer's Estimate, SDA believes the unit prices are within an acceptable range for the type of work and this specific project, and the bid appears balanced. Based on a review of experience and references provided by Florence and this contractor's past performance on City projects, SDA finds that Florence is qualified to perform the required construction.

**It is our recommendation that the project be awarded to the low bidder, Florence Cement Company, for the Beck Road Rehabilitation project in the amount of \$314,365.60, which is the total bid of \$329,125.60 minus \$14,760.00 for crew days bid.**

Upon award by the City Council, our office will coordinate the completion of the Contract Agreement, Bonds and Insurance information with Florence, and issue the Notice to Proceed upon execution of the contract documents.

Very Truly Yours,  
**SPALDING DEDECKER ASSOCIATES, INC.**

A handwritten signature in black ink, appearing to read 'David P. Eno'.

David P. Eno, P.E. – Project Manager

enclosure: Bid Tabulation

cc: Mr. Angelo S. Lanni, President – Florence Cement Company

Engineering Consultants

Infrastructure • Land Development • Surveying

Beck Road Rehabilitation - Nine Mile to Cheltenham  
 Bid Tabulation of all bidders - 5 bids received, opened 5/25/2011

Item No.	Item Description	Bid Qty	Unit	Engineer's Estimate		Florence Cement		Ajax Paving		Cadillac Asphalt		Barrett Paving		ABC Paving	
				Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)
1	Mobilization (5% max.)	1	LS	14,000.00	14,000.00	15,000.00	15,000.00	16,500.00	16,500.00	9,000.00	9,000.00	20,000.00	20,000.00	14,000.00	14,000.00
2	Pre-Construction Video Review	1	LS	1,000.00	1,000.00	1,100.00	1,100.00	1,250.00	1,250.00	1,100.00	1,100.00	1,100.00	1,100.00	1,400.00	1,400.00
3	Soil Erosion & Sedimentation Control	1	LS	2,500.00	2,500.00	2,000.00	2,000.00	2,500.00	2,500.00	2,500.00	2,500.00	3,400.00	3,400.00	1,900.00	1,900.00
4	Pavt, Rem	5251	SYD	2.00	10,502.00	2.10	11,027.10	3.30	17,328.30	3.30	17,328.30	5.00	26,255.00	2.90	15,227.90
5	Sidewalk, Rem	62	SYD	4.00	248.00	4.10	254.20	4.00	248.00	4.00	248.00	8.50	527.00	13.85	858.70
6	Regrade Ditch	100	FT	5.00	500.00	3.00	300.00	9.50	950.00	9.50	950.00	8.00	800.00	6.25	625.00
7	Embankment, CIP	534	CYD	6.00	3,204.00	6.00	3,204.00	9.80	5,233.20	9.80	5,233.20	11.00	5,874.00	14.70	7,849.80
8	Excavation, Earth	726	CYD	5.00	3,630.00	19.00	13,794.00	6.00	4,356.00	6.00	4,356.00	17.00	12,342.00	12.80	9,292.80
9	Subgrade Undercut	200	CYD	15.00	3,000.00	26.50	5,300.00	18.40	3,680.00	18.40	3,680.00	32.60	6,520.00	34.65	6,930.00
10	Aggregate Base, 6 inch	270	SYD	4.00	1,080.00	16.50	4,455.00	7.20	1,944.00	7.20	1,944.00	17.00	4,590.00	17.90	4,833.00
11	Aggregate Base, 8 inch	5836	SYD	6.00	35,016.00	6.00	35,016.00	5.25	30,639.00	5.25	30,639.00	8.90	51,940.40	8.65	50,481.40
12	Geogrid	2165	SYD	3.00	6,495.00	3.30	7,144.50	4.80	10,392.00	4.80	10,392.00	3.00	6,495.00	3.75	8,118.75
13	Shoulder, CI II	180	TON	18.00	3,240.00	23.00	4,140.00	19.10	3,438.00	19.10	3,438.00	28.80	5,184.00	18.50	3,330.00
14	Shoulder, CI II, 6 inch	262	SYD	10.00	2,620.00	18.00	4,716.00	10.20	2,672.40	10.20	2,672.40	11.00	2,882.00	5.20	1,362.40
15	Culv, CI E, 12 inch	70	FT	30.00	2,100.00	32.00	2,240.00	37.20	2,604.00	37.20	2,604.00	59.60	4,172.00	22.65	1,585.50
16	Dr Structure, Tap, 6 inch	1	EA	400.00	400.00	54.00	54.00	395.00	395.00	395.00	395.00	100.00	100.00	500.00	500.00
17	Underdrain, 6 inch	472	FT	6.00	2,832.00	14.00	6,608.00	7.75	3,658.00	7.75	3,658.00	14.00	6,608.00	10.00	4,720.00
18	Underdrain Outlet Pipe	150	FT	10.00	1,500.00	13.00	1,950.00	10.00	1,500.00	10.00	1,500.00	17.20	2,580.00	31.00	4,650.00
19	Cold Milling HMA Surface	3898	SYD	2.00	7,796.00	1.10	4,287.80	2.05	7,990.90	3.00	11,694.00	4.00	15,592.00	4.10	15,981.80
20	HMA, 3C	940	TON	60.00	56,400.00	61.00	57,340.00	61.00	57,340.00	65.00	61,100.00	68.00	63,920.00	82.00	77,080.00
21	HMA, 4C	1234	TON	70.00	86,380.00	67.00	82,678.00	67.00	82,678.00	78.00	96,252.00	73.00	90,082.00	84.00	103,656.00
22	Valley Gutter	181	FT	25.00	4,525.00	28.50	5,158.50	29.50	5,339.50	29.50	5,339.50	38.50	6,968.50	16.00	2,896.00
23	Sidewalk, Conc, 4 inch	210	SFT	5.00	1,050.00	5.50	1,155.00	3.50	735.00	3.50	735.00	4.00	840.00	3.90	819.00
24	ADA Compliant Sidewalk Ramp	355	SFT	5.00	1,775.00	5.50	1,952.50	8.00	2,840.00	8.00	2,840.00	6.00	2,130.00	5.45	1,934.75
25	ADA Detectable Warning Plate, Retrofit	72	SFT	30.00	2,160.00	5.50	396.00	35.00	2,520.00	35.00	2,520.00	50.00	3,600.00	36.00	2,592.00
26	ADA Detectable Warning Plate	64	SFT	45.00	2,880.00	30.00	1,920.00	16.25	1,040.00	16.25	1,040.00	30.00	1,920.00	36.00	2,304.00
27	Maintaining Traffic	1	LS	25,000.00	25,000.00	11,000.00	11,000.00	25,200.00	25,200.00	35,885.00	35,885.00	22,500.00	22,500.00	35,000.00	35,000.00
28	Permanent Pavement Mrkg & Signing	1	LS	2,500.00	2,500.00	20,000.00	20,000.00	9,289.00	9,289.00	10,000.00	10,000.00	11,000.00	11,000.00	10,500.00	10,500.00
29	Gate Well Cover, Adj. Case 2	3	EA	270.00	810.00	225.00	675.00	275.00	825.00	275.00	825.00	300.00	900.00	140.00	420.00
30	Hydrant, Relocate, Case 2	1	EA	600.00	600.00	1,500.00	1,500.00	3,000.00	3,000.00	3,000.00	3,000.00	2,500.00	2,500.00	1,800.00	1,800.00
31	Restoration	1500	SYD	2.50	3,750.00	3.00	4,500.00	4.25	6,375.00	3.00	4,500.00	4.75	7,125.00	3.65	5,475.00
32	Permit Fees	3500	DLR	1.00	3,500.00	1.00	3,500.00	1.00	3,500.00	1.00	3,500.00	1.00	3,500.00	1.00	3,500.00
33	Construction Observation @ \$615/day	*	DAY	22	13,530.00	24	14,760.00	25	15,375.00	23	14,145.00	24	14,760.00	22	13,530.00
<b>TOTAL CONSTRUCTION BID:</b>				<b>\$</b>	<b>306,523.00</b>	<b>\$</b>	<b>329,125.60</b>	<b>\$</b>	<b>333,335.30</b>	<b>\$</b>	<b>355,013.40</b>	<b>\$</b>	<b>408,706.90</b>	<b>\$</b>	<b>415,153.80</b>

\* NOTE: Number of Construction Observation Days bid by contractor, entered in Unit Price column here for bid tabulation purposes

No errors in bid line items or totals. As-read amount equals verified amount for all bidders

**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.

# City Of Novi



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Feet

## BECK ROAD REHABILITATION Nine Mile to Cheltenham Dr.

