

SIDEWALK IMPROVEMENT PROGRAM

PRELIMINARY REPORT

PRESENTED TO COUNCIL MAY 15, 2015

Issued in accordance with Section 58-4 of the City of Center Line's Code of Ordinances

Preliminary Report Outline

- A. Project overview
 - 1. Purpose of this report
 - 2. Purpose and benefit to property owners impacted
 - 3. Criteria selected for sidewalk improvements
 - 4. Sealed bid process and results
 - 5. Proposed timetable for project
- B. Proposed funding sources for the project
 - 1. Property owner portion and cost per flag
 - 2. City portion and funding source

A. PROJECT OVERVIEW

Section 1 – Purpose of this report

The City of Center Line's City Council, using authority granted to this governing body under the City of Center Line code of ordinances section 58-2, has elected to consider a sidewalk improvement program which will consider the use of a special assessment on property owners on the south side of the city where work will be done. Work will be done, if approved, on sidewalks within the geographical area of the south side of Ten Mile Road to the city's southern borders.

Because the city is considering a special assessment, the city must follow the procedures for approving such a special assessment by following local ordinances as outlined in Chapter 58 of the city's code of ordinances, which have been written in compliance with Michigan laws MCL 211.741 and MSA 5.3534(1). In accordance with these ordinances and laws, the city will make this report publically available following approval of the report by council.

Section 2 – Purpose and benefit to property owners impacted

The City of Center Line's City Council has elected to pursue a sidewalk improvement program in order to improve public safety and mobility for all of our residents. Many sidewalks in the city are in a state of severe disrepair, which creates tripping hazards and makes it very difficult for our residents both with and without disabilities to use the sidewalks.

By replacing significantly damaged sidewalks with new sidewalks, the city believes there will be an immediate economic benefit to the property owners and as a result, this program qualifies as defined by local ordinances and state law for financing via use of a special assessment on properties where such sidewalk improvements will, if the program is approved, occur.

Section 3 – Criteria selected for sidewalk improvements

The city engaged a third party engineering firm, Anderson, Eckstein, and Westrick, Inc. (hereafter, **AEW**), in order to develop reasonable criteria for use in determining which sidewalk “flags” need to be replaced under this program. At the June 7, 2014 meeting, council approved the criteria for the sidewalk improvement program as outlined in Appendix A.

Section 4 – Sealed bid process and results

After determining the criteria, AEW estimated the number of flags that would need to be replaced and wrote bid specifications for the city to use as part of a sealed bid process in accordance with the city’s purchasing policy. At its April 6, 2015 regular meeting, the city council elected to award the contract for the proposed sidewalk improvement program to Italia Construction, which is located at 57151 Deer Creek Court, Washington, Michigan, 48094, in the amount of \$373,302. The full bid results are available in appendix B immediately following this report.

Section 5 – Proposed timetable for the project

The city projects that with timely approval of the project and the completion of the appropriate mailings and public hearings that work on the project should commence by July 2015 and conclude by the fall of 2015.

B. PROPOSED FUNDING SOURCES FOR THE PROJECT

Section 1 – Property owner portion and cost per flag

Based on the results of the sealed bid process as outlined in Part A, section 4, the cost per flag – on average – for property owners shall be \$140, and shall total to an estimated \$256,994.

In accordance with chapter 58 of the city’s code of ordinances, the property owners will have up to thirty (30) days after the mailing of a letter informing them of their portion of the cost to elect to use a private contractor to repair their sidewalks themselves, provided that the sidewalks are repaired satisfactorily as determined by the city’s building inspector. Property owners will also have the option to pay the entire amount of the assessment at once, which will afford the property owner the opportunity to avoid paying interest on the installment payment option as outlined in the following paragraph.

The final option for property owner payment shall be an installment plan. This option will be enacted if the property owner fails to repair the sidewalk as described above or fails to pay the entire notice.

Section 1 – Property owner portion and cost per flag - concluded

It is recommended by the city treasurer that the special assessment should be spread over four (4) equal payments and that the interest charged on each installment shall be at a rate of 3.5 percent.

Property owners can pay the remaining balance of the special assessment at any time, which would cancel subsequent installments and the interest due on those installments.

Special assessment installment payments shall be leined against the property in accordance with the city's code of ordinances section 58-14 and shall be billed to the property owner as a special assessment on the property owner's tax bills.

As an example, a special assessment for a property with three (3) flags would have a total special assessment of \$420. A property owner could elect to pay the amount immediately in order to avoid interest on this amount, could replace the sidewalk flags themselves and have the assessment cancelled after a successful inspection of the work done by the city's building inspector, or a property owner could elect to pay the amount of \$108.68 in four equal installments on their tax bill, which represents \$105 of principal payment and \$3.68 of interest.

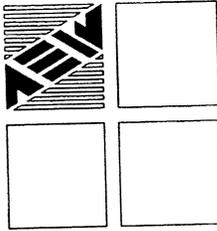
By making all four installment payments on the special assessment, a tax payer in this scenario would end up paying \$434.72 (\$420 of principal and \$14.72 of interest) over all four installments.

Section 2 – City portion and funding source

Based on the results of the sealed bid process as outlined in Part A, section 4, the total cost to the city will be an estimated \$116,308. The city will fund these costs from its Public Act 51 Major and Local Streets funding as non-motorized pathways, such as sidewalks, are an eligible cost under this public act.

COMPARISON OF CRITERIA FOR HAZARDOUS SIDEWALK REPLACEMENT

CITY	RAISED SIDEWALK	CRACKS	MAXIMUM CROSS SLOPE	HANDICAP RAMPS LONGITUDINALLY	SPOILED	DIP	MISSING SIDEWALK
Roseville	2" or more	Differ. Settle. or more than 4	More than 3-1/2" per 5'	1" per foot max.	Judgment	Holding water or 3.5" in 2 flags	Missing/voids
Warren	1" differ.	More than 4 pieces	Depends on location. Spec. 1/4" per foot	1" per foot max.	50% or more	> 1" in 2 flags	Judgment
St. Clair Shores	1" at joint or crack	3 or more cracks	> 2" per 5 feet	1" per foot max.	50% or more	Where water stays	Missing/voids
Mount Clemens	1" or more	Badly cracked	Judgment	Judgment	Judgment	Judgment	Judgment
Sterling Heights	3/4" or more	4 or more pieces or open over 1/4" differ. settle.	3/4" / foot	1" per foot max.	Judgment	If water collects	
Oak Park	Up 1" at end or 3/4" thru	1 at 1/4" or 3	Spec 1/2" per foot Use 3/4"	1/4" per foot	Judgment	Judgment	Judgment
Clawson	3/4" or more	1 at 1/2" or more than 3	Judgment		Hole 1" deep or spalling with exposed aggregate	Any ponding that creates a nuisance	
Recommendation for Center Line	3/4" or more	1 at 1/2" or more than 3	More than 2-1/2" per 5'	1" per foot max.	Holes 1" deep or more than 50% exposed aggregate	If holding water/ Judgment	



ANDERSON, ECKSTEIN AND WESTRICK, INC.

51301 Schoenherr Road, Shelby Township, Michigan 48315
Civil Engineers • Surveyors • Architects 586-726-1234

February 19, 2015

John B. Michrina
City Manager/Clerk
City of Center Line
7070 East Ten Mile Road
Center Line, Michigan 48015

Reference: 2015 Sidewalk Repair Program Districts 1 and 2
AEW Project No. 0170-0390

Dear Mr. Michrina:

On Tuesday, February 17, 2015, seven (7) bids were received for the above referenced project. We have tabulated the bids and have included a summary herewith for your use.

The low bidder for this project is Italia Construction Inc., of Washington, Michigan with a total bid amount of \$373,302.00. We have worked with Italia Construction, Inc. in St. Clair Shores, Eastpointe, Grosse Pointe Woods, and neighboring communities and are satisfied with their performance.

On the basis of availability of funds, the lowest bid submitted, and past performance, we recommend that the contract for the **2015 Sidewalk Repair Program** be awarded to **Italia Construction, Inc.**, 57151 Deer Creek Court, Washington, Michigan 48094, in the amount of **\$373,302.00**.

If you have any questions, please advise.

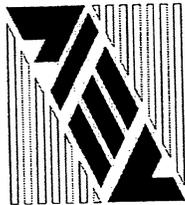
Sincerely,


Frank D. Varicalli

Enclosures

cc: Gary McKinney, DPW Superintendent
Roy Rose, PE, AEW

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TABULATION OF BIDS
 CITY OF CENTER LINE
 2015 SIDEWALK REPAIR PROGRAM

AEW PROJECT NO. 0170-0390

DATE: 2/17/2015

TIME: 10:30 AM

Prepared by: Anderson, Eckstein and Westrick, Inc.
 51301 Schoenherr Road

Shelby Township, MI 48315

VENDOR RANKING		TOTAL BID	TOTAL BID WITH CREW
RANK	VENDOR NAME		DAYS
1	Italia Construction Inc.	\$ 365,879.00	\$ 373,302.00
2	C & L Enterprises	\$ 387,237.50	\$ 396,944.50
3	Mattioli Cement Co. LLC	\$ 381,408.00	\$ 398,538.00
4	Fiore Enterprises LLC	\$ 393,270.00	\$ 427,530.00
5	Lacaria Concrete Construction, Inc.	\$ 432,100.00	\$ 472,070.00
6	Audia Concrete Const. Inc.	\$ 455,950.00	\$ 479,361.00
7	Hartwell Cement Company	\$ 510,825.00	\$ 539,375.00



TABULATION OF BIDS
CITY OF CENTER LINE

2015 SIDEWALK REPAIR PROGRAM

AEW PROJECT NO. 0170-0390

Item No.	Description	Estimated Quantity	Units	Italia Construction Inc.		C & L Enterprises		Mattioli Cement Co. LLC	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
	Bonds, Insurance and Initial Set-up			9,999.00	\$ 9,999.00	10,000.00	\$ 10,000.00	10,000.00	\$ 10,000.00
1.	Expense (Max 3% of Total Bid)	1	LS	8.88	\$ 49,728.00	7.20	\$ 40,320.00	10.00	\$ 56,000.00
2.	Sidewalk, Rem	5,600	SY	7.65	\$ 6,885.00	7.20	\$ 6,480.00	10.00	\$ 9,000.00
3.	Driveway, Conc, Rem	900	SY	3.43	\$ 137,200.00	4.50	\$ 180,000.00	3.21	\$ 128,400.00
4.	Sidewalk, Conc, 4 inch	40,000	SF	3.84	\$ 11,520.00	4.75	\$ 14,250.00	4.08	\$ 12,240.00
5.	Sidewalk, Conc, 6 inch	3,000	SF	5.98	\$ 21,528.00	5.25	\$ 18,900.00	4.99	\$ 17,964.00
6.	Sidewalk, Conc, 8 inch	3,600	SF	34.56	\$ 13,824.00	42.75	\$ 17,100.00	46.71	\$ 18,684.00
7.	Driveway, Nonreinf Conc, 6 inch	400	SY	53.46	\$ 26,730.00	47.25	\$ 23,625.00	54.90	\$ 27,450.00
8.	Driveway, Nonreinf Conc, 8 inch	500	SY	4.33	\$ 12,990.00	4.00	\$ 12,000.00	3.83	\$ 11,490.00
9.	Sidewalk Ramp, Conc, 4 inch	3,000	SF	56.70	\$ 14,175.00	47.25	\$ 11,812.50	79.92	\$ 19,980.00
10.	Sidewalk Ramp, Conc, 8 inch	250	SY	42.00	\$ 10,500.00	45.00	\$ 11,250.00	37.00	\$ 9,250.00
11.	ADA - Detectable Warning Surface	250	LF	13.00	\$ 1,300.00	5.00	\$ 500.00	20.00	\$ 2,000.00
12.	Curb and Gutter, Rem	100	LF	29.00	\$ 2,900.00	20.00	\$ 2,000.00	20.00	\$ 2,000.00
13.	Curb and Gutter, Conc, Det C3	100	LF	23.00	\$ 1,150.00	20.00	\$ 1,000.00	20.00	\$ 1,000.00
14.	Subgrade Undercutting	50	CY	235.00	\$ 4,700.00	100.00	\$ 2,000.00	200.00	\$ 4,000.00
15.	Dr Structure Cover, Adj, Case 2	20	EA	265.00	\$ 10,600.00	100.00	\$ 4,000.00	100.00	\$ 4,000.00
16.	Dr Structure, Adj, Add Depth	40	VF	450.00	\$ 9,000.00	100.00	\$ 2,000.00	500.00	\$ 10,000.00
17.	Structure Frame and Cover	20	EA	385.00	\$ 7,700.00	100.00	\$ 2,000.00	300.00	\$ 6,000.00
18.	External Structure Wrap -12"	20	EA	23.00	\$ 2,300.00	10.00	\$ 1,000.00	15.00	\$ 1,500.00
19.	Maintenance Aggregate, 21AA	100	CY	5.00	\$ 1,000.00	100.00	\$ 20,000.00	100.00	\$ 20,000.00
20.	Tree Roof Trimming	200	EA	6.00	\$ 900.00	5.00	\$ 750.00	25.00	\$ 3,750.00
21.	Surface Restoration, Sodding	150	SY	13.00	\$ 3,250.00	5.00	\$ 1,250.00	10.00	\$ 2,500.00
22.	Surface Restoration, Seeding	250	SY	6,000.00	\$ 6,000.00	5,000.00	\$ 5,000.00	4,200.00	\$ 4,200.00
23.	Traffic Control and Maintenance	1	LS						
TOTAL AMOUNT BID				\$	365,879.00	\$	387,237.50	\$	381,408.00

* CORRECTED BY ENGINEER
Crew Days 571.00 \$/Day 13.00 7,423.00 17.00 9,707.00 30.00 17,130.00



TABLATION OF BIDS
CITY OF CENTER LINE

2015 SIDEWALK REPAIR PROGRAM

AEW PROJECT NO. 0170-0390

Item No.	Description	Estimated Quantity	Units	Fiore Enterprises LLC		Lacaria Concrete Construction, Inc.	
				Unit Price	Amount	Unit Price	Amount
	Bonds, Insurance and Initial Set-up		1 LS	11,000.00	\$ 11,000.00	13,000.00	\$ 13,000.00
1.	Expense (Max 3% of Total Bid)			9.00	\$ 50,400.00	16.00	\$ 89,600.00
2.	Sidewalk, Rem	5,600	SY	9.00	\$ 8,100.00	16.00	\$ 14,400.00
3.	Driveway, Conc, Rem	900	SY	3.75	\$ 150,000.00	3.15	\$ 126,000.00
4.	Sidewalk, Conc, 4 inch	40,000	SF	4.25	\$ 12,750.00	3.45	\$ 10,350.00
5.	Sidewalk, Conc, 6 inch	3,000	SF	4.95	\$ 17,820.00	4.00	\$ 14,400.00
6.	Sidewalk, Conc, 8 inch	3,600	SF	38.50	\$ 15,400.00	42.00	\$ 16,800.00
7.	Driveway, Nonreinf Conc, 6 inch	400	SY	42.50	\$ 21,250.00	52.00	\$ 26,000.00
8.	Driveway, Nonreinf Conc, 8 inch	500	SY	4.50	\$ 13,500.00	4.50	\$ 13,500.00
9.	Sidewalk Ramp, Conc, 4 inch	3,000	SF	58.50	\$ 14,625.00	55.00	\$ 13,750.00
10.	Sidewalk Ramp, Conc, 8 inch	250	SY	40.00	\$ 10,000.00	48.00	\$ 12,000.00
11.	ADA - Detectable Warning Surface	250	LF	15.00	\$ 1,500.00	10.00	\$ 1,000.00
12.	Curb and Gutter, Rem	100	LF	25.00	\$ 2,500.00	30.00	\$ 3,000.00
13.	Curb and Gutter, Conc, Det C3	100	LF	32.00	\$ 1,600.00	30.00	\$ 1,500.00
14.	Subgrade Underscutting	50	CY	425.00	\$ 8,500.00	300.00	\$ 6,000.00
15.	Dr Structure Cover, Adj, Case 2	20	EA	175.00	\$ 7,000.00	250.00	\$ 10,000.00
16.	Dr Structure, Adj, Add Depth	40	VP	510.00	\$ 10,200.00	575.00	\$ 11,500.00
17.	Structure Frame and Cover	20	EA	475.00	\$ 9,500.00	600.00	\$ 12,000.00
18.	External Structure Wrap -12"	20	EA	25.00	\$ 2,500.00	20.00	\$ 2,000.00
19.	Maintenance Aggregate, 21A.A	100	CY	75.00	\$ 15,000.00	90.00	\$ 18,000.00
20.	Tree Root Trimming	200	EA	15.00	\$ 2,250.00	17.00	\$ 2,550.00
21.	Surface Restoration, Sodding	150	SY	9.50	\$ 2,375.00	13.00	\$ 3,250.00
22.	Surface Restoration, Seeding	250	SY	5,500.00	\$ 5,500.00	11,500.00	\$ 11,500.00
23.	Traffic Control and Maintenance	1	LS				
TOTAL AMOUNT BID				\$	393,270.00	\$	432,100.00

* CORRECTED BY ENGINEER

Crew Days

571.00 \$/Day	60.00	34,260.00	70.00	39,970.00
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TABULATION OF BIDS
CITY OF CENTER LINE

2015 SIDEWALK REPAIR PROGRAM

AEW PROJECT NO. 0170-0390

Hartwell Cement Company
21650 Fren Avenue
Oak Park MI 48237

Audia Concrete Const. Inc.
PO BOX 72
Milford MI 48381

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
1.	Bonds, Insurance and Initial Set-up Expense (Max 3% of Total Bid)	1	LS	13,600.00	\$ 13,600.00	9,000.00	\$ 9,000.00
2.	Sidewalk, Rem	5,600	SY	16.65	\$ 93,240.00	9.00	\$ 50,400.00
3.	Driveway, Conc, Rem	900	SY	16.65	\$ 14,985.00	9.00	\$ 8,100.00
4.	Sidewalk, Conc, 4 inch	40,000	SF	3.12	\$ 124,800.00	6.00	\$ 240,000.00
5.	Sidewalk, Conc, 6 inch	3,000	SF	3.40	\$ 10,200.00	6.75	\$ 20,250.00
6.	Sidewalk, Conc, 8 inch	3,600	SF	4.50	\$ 16,200.00	7.50	\$ 27,000.00
7.	Driveway, Nonreinf Conc, 6 inch	400	SY	33.00	\$ 13,200.00	54.00	\$ 21,600.00
8.	Driveway, Nonreinf Conc, 8 inch	500	SY	44.00	\$ 22,000.00	60.75	\$ 30,375.00
9.	Sidewalk Ramp, Conc, 4 inch	3,000	SF	8.00	\$ 24,000.00	9.00	\$ 27,000.00
10.	Sidewalk Ramp, Conc, 8 inch	250	SY	85.50	\$ 21,375.00	65.00	\$ 16,250.00
11.	ADA - Detectable Warning Surface	250	LF	100.00	\$ 25,000.00	70.00	\$ 17,500.00
12.	Curb and Gutter, Rem	100	LF	38.00	\$ 3,800.00	10.00	\$ 1,000.00
13.	Curb and Gutter, Conc, Det C3	100	LF	42.00	\$ 4,200.00	35.00	\$ 3,500.00
14.	Subgrade Undercutting	50	CY	20.00	\$ 1,000.00	5.00	\$ 250.00
15.	Dr Structure Cover, Adj, Case 2	20	EA	470.00	\$ 9,400.00	75.00	\$ 1,500.00
16.	Dr Structure, Adj, Add Depth	40	VF	20.00	\$ 800.00	75.00	\$ 3,000.00
17.	Structure Frame and Cover	20	EA	620.00	\$ 12,400.00	400.00	\$ 8,000.00
18.	External Structure Wrap -12"	20	EA	500.00	\$ 10,000.00	375.00	\$ 7,500.00
19.	Maintenance Aggregate, 21A.A	100	CY	35.00	\$ 3,500.00	5.00	\$ 500.00
20.	Tree Root Trimming	200	EA	100.00	\$ 20,000.00	45.00	\$ 9,000.00
21.	Surface Restoration, Sodding	150	SY	15.00	\$ 2,250.00	14.00	\$ 2,100.00
22.	Surface Restoration, Seeding	250	SY	10.00	\$ 2,500.00	8.00	\$ 2,000.00
23.	Traffic Control and Maintenance	1	LS	7,500.00	\$ 7,500.00	5,000.00	\$ 5,000.00
TOTAL AMOUNT BID				\$	455,950.00	\$	510,825.00

* CORRECTED BY ENGINEER

Crew Days

571.00 \$/Day 41.00 23,411.00 50.00 28,550.00

