

February 17, 2015

To: Mayor Bemrich and City Council

From: David Fierke, City Manager

**Subject: 2nd Ave. N. Reconstruction Project
N. 18th St. to N. 22nd St.**

**Public Hearing and Approve Plans, Specifications, Form of
Contract and Estimate of Costs
Award Contract**



ACTION: For vote Monday, February 23, 2015

Brief History

The 2nd Ave. N. Reconstruction Project (N. 15th St. to N. 22nd St.) is programmed in the approved Capital Improvements Plan for reconstruction in 2018. Due to the harshness of this past winter, 2nd Ave. N. between N. 20th St. and N. 22nd St. has fallen into a state of disrepair. It is Staff's opinion that the City would only be wasting money if we tried to complete a repair project on this section of street. Staff does not believe that a repair will hold up to the traffic on this street for 4 years. In 2011, the traffic count on 2nd Ave. N. was 6,600. Now the Fort Dodge Middle School has opened out on 32nd St., Staff believes the traffic count could be much higher.

On April 28th, 2014 City Council agreed to enter into an agreement with Bolton & Menk do design a two phased approach to repairing 2nd Ave N from N 15th Street to N 22nd Street. The first phase to be completed during the 2015 construction season is from N 18th Street to N 22nd Street.

At the January 19th Council meeting a bid letting date was set for February 10, 2015 at 2:00 pm and a public hearing was set for February 23, 2015 at 6:00 pm.

Analysis of Issue

A public hearing needs to be held regarding the proposed project. The project includes complete roadway reconstruction of 2nd Ave N from N 18th St to N 22nd St and will include water main, storm sewer replacement along with spot repairs of the sanitary sewer. The Engineer's Estimate of Construction Costs for this project is \$1,135,000.

On February 10, 2014 at 2:00 pm bids were received for this project. One bid proposal was received and opened as follows:

- Fort Dodge Asphalt Co., Fort Dodge Iowa \$1,188,273.84

Budget Impact

Construction of this project will be paid from Local Option Sales Tax, Water Utility, Sanitary Sewer Utility, and Storm Sewer Utility funds.

Strategic Plan Impact

Policy D.4.2: Advanced planning for all infrastructure facilities shall be supported and routinely updated. Facilities benefited by advanced planning shall include, at minimum, schools, health care, residential areas, roads, water, sewer, storm water management, parks, recreation, and greenways.

Policy D.4.1: Recognizing that infrastructure has a powerful influence on growth and development, the availability of infrastructure (along with other factors) should determine where development will occur in the city, rather than the other way around.

Impact on Existing Plans

This project was included in the 2013-2018 Capital Improvement Plan adopted by the Council.

Committee Review / Recommendation

N/A

Staff Conclusions / Recommendations

It is our recommendation for Council to approve the plans and specifications, form of contract, and estimate of costs for this project. In addition, staff recommends awarding a contract to Fort Dodge Asphalt Co. in the amount of \$1,188,273.84.

Alternatives

None recommended.

Implementation and Accountability

The Engineering Department and Bolton & Men will be responsible for overseeing this project.

Signed

Approved

Tony Trotter, P.E.
Project Engineer

David R. Fierke
City Manager

RESOLUTION NO. _____

APPROVING PLANS AND SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST FOR 2ND AVENUE NORTH STREET IMPROVEMENTS, FOR THE CITY OF FORT DODGE, IOWA.

WHEREAS, proposed Plans and Specifications, proposed form of Contract, and estimate of cost for 2nd Ave North Street Improvements have heretofore been prepared by Bolton & Menk, Inc. and filed with the City Clerk on the 19th day of January, 2015; and

WHEREAS, Notice of Hearing on the said proposed Plans and Specifications, proposed form of Contract, and estimate of cost were duly published in the form and manner required by law; and

WHEREAS, no petition or objections to the said Plans and Specifications, proposed form of Contract, and estimate of cost have been filed or made by any interested party;

NOW, THEREFORE, BE IT RESOLVED by the City Council of Fort Dodge, Iowa, as follows:

Section I. That the Plans and Specifications, form of Contract, and estimate of cost referred to in the preamble hereof be and the same are hereby approved.

Section II. That all Resolutions or Orders or parts thereof in conflict herewith are hereby repealed.

PASSED AND APPROVED this _____ day of _____, 20____.

AYE: _____

NAY: _____

OTHER: _____

Matt Bemrich, Mayor

ATTEST:

Jeff Nemmers, City Clerk

RESOLUTION NO. _____

AWARDING CONTRACT FOR THE 2ND AVENUE NORTH STREET IMPROVEMENTS, FOR THE CITY OF FORT DODGE, IOWA.

WHEREAS, pursuant to notice duly published in the manner and form prescribed by Resolution of the Council, and as required by law, bids and proposals were received by this Council for the 2nd Avenue North Street Improvements (the "Project"); and

WHEREAS, all of the said bids and proposals have been carefully considered, and it is necessary and advisable that provision be made for the award of the Contract for the Project;

NOW, THEREFORE, BE IT RESOLVED by the City Council of Fort Dodge, Iowa, as follows:

Section I. The bid for the Project submitted by the following Contractor is fully responsive to the Plans and Specifications for the Project, heretofore approved by the Council, and is the lowest responsible bid received:

<u>Name and Address of Contractor</u>	<u>Amount of Bid</u>
<u>Fort Dodge Asphalt Co.</u> <u>2516 7th Ave S, Fort Dodge, Iowa 50501</u>	<u>\$1,188,273.84</u>

Section II. The Contract for the Project be and the same is hereby awarded to such Contractor at the total estimated cost set out above, the final settlement to be made on the basis of the unit prices therein set out and the actual final quantities of each class of materials furnished, the said Contract to be subject to the terms of the aforementioned Resolution, the Notice of Hearing and Letting, the Plans and Specifications, and the terms of the bidder's written Proposal.

Section III. The Mayor and City Clerk are authorized to execute a written Contract with said Contractor for the Project, but only after receipt of Performance and/or Payment Bonds from the Contractor and receipt of a written determination from the City Attorney that such Surety Bonds are satisfactory. No additional City Council action shall be required to approve the executed Contract or Surety Bonds, unless requested by the City Attorney.

Section IV. The amount of the Contractor's Performance and/or Payment Bonds is hereby fixed and determined to be 100% of the amount of the Contract.

PASSED AND APPROVED this _____ day of _____, 20____.

AYE: _____

NAY: _____

OTHER: _____

Matt Bemrich, Mayor

ATTEST:

Jeff Nemmers, City Clerk



BOLTON & MENK, INC.[®]

Consulting Engineers & Surveyors

P.O. Box 668 • 2730 Ford Street • Ames, IA 50010-0668

Phone (515) 233-6100 • Fax (515) 233-4430

www.bolton-menk.com

February 10, 2015

Tony Trotter, P.E.
City Engineer
City of Fort Dodge
Municipal Building
819 1st Avenue South
Fort Dodge, IA 50501

RE: 2nd Avenue North Improvements
Recommendation of Award
Project No.: A12.108269

Dear Tony:

At 2:00 p.m. on February 10, 2015 bids were received for the 2nd Avenue North Improvements project. The Engineer's Estimate for the project is \$1,135,244.50. One bid was received, and is summarized as follows:

Bidder	City	Amount
Fort Dodge Asphalt Co.	Fort Dodge, IA	\$1,188,273.84

The bid received from Fort Dodge Asphalt Co. is 4% above the engineers estimate for the project, and is determined to be the lowest responsive, responsible bidder. Bolton & Menk, Inc. has reviewed the bid documents submitted and checked references on this bidder and was satisfied with the responses given; therefore, Bolton & Menk, Inc. recommends award of the 2nd Avenue North Improvements project to Fort Dodge Asphalt Co.

The bid tabulation is attached for your use.

Feel free to contact me should there be any questions related to this project.

Sincerely,

Rob Haaland, P.E.
Project Manager

BOLTON & MENK, INC.

cc: File w/attachments

**2nd Avenue North Street Improvements
Fort Dodge, IA**

TABULATION OF BIDS

Bid Letting Date: February 10, 2015 @ 2:00 PM



Bolton & Menk, Inc.
Ames, Iowa

Line No.	Description	Unit	Quantity	Engineer's Estimate		Fort Dodge Asphalt Co. Fort Dodge, IA	
				Unit Price	Amount	Unit Price	Amount
1	TRAFFIC CONTROL	LS	1	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00
2	MOBILIZATION	LS	1	\$50,000.00	\$50,000.00	\$12,250.00	\$12,250.00
3	EXCAVATION, CLASS 13	CY	251	\$12.50	\$3,137.50	\$86.96	\$21,826.96
4	SUBGRADE PREPARATION	SY	6,545	\$3.50	\$22,907.50	\$4.77	\$31,219.65
5	SUBBASE, MODIFIED	SY	6,545	\$9.00	\$58,905.00	\$8.11	\$53,079.95
6	REMOVAL OF STRUCTURE, SANITARY SEWER MANHOLE	EA	7	\$1,000.00	\$7,000.00	\$687.50	\$4,812.50
7	REMOVAL OF KNOWN PIPE, DUCTILE IRON, 6"	LF	44	\$20.00	\$880.00	\$16.50	\$726.00
8	FILLING AND PLUGGING OF KNOWN PIPES, 6"	LF	1,481	\$20.00	\$29,620.00	\$3.02	\$4,472.62
9	COMPACTION TESTING	LS	1	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00
10	TRENCH COMPACTION TESTING	LS	1	\$2,500.00	\$2,500.00	\$3,850.00	\$3,850.00
11	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 8 IN.	LF	43	\$50.00	\$2,150.00	\$190.30	\$8,182.90
12	STORM SEWER, TRENCHED, RCP, 15 IN.	LF	581	\$40.00	\$23,240.00	\$68.20	\$39,624.20
13	REMOVAL OF STORM SEWER, RCP, UNDER 36 IN.	LF	373	\$12.50	\$4,662.50	\$22.00	\$8,206.00
14	SUBDRAIN, PERFORATED POLYETHELENE, 8 IN.	LF	2,751	\$20.00	\$55,020.00	\$17.32	\$47,647.32
15	SUBDRAIN CLEANOUT, PVC RISER, 8 IN.	EA	6	\$250.00	\$1,500.00	\$907.50	\$5,445.00
16	SUBDRAIN OUTLETS AND CONNECTIONS, RF-19F, 8 IN.	EA	14	\$500.00	\$7,000.00	\$550.00	\$7,700.00
17	WATER MAIN, TRENCHED, DUCTILE IRON, 8 IN.	LF	1,703	\$55.00	\$93,665.00	\$67.65	\$115,207.95
18	FITTING, DUCTILE IRON, 8 IN.	LB	1,705	\$7.00	\$11,935.00	\$8.52	\$14,526.60
19	WATER SERVICE STUB, COPPER, 1"	EA	40	\$1,500.00	\$60,000.00	\$2,269.30	\$90,772.00
20	GATE VALVE, 6 IN.	EA	7	\$2,000.00	\$14,000.00	\$1,741.30	\$12,189.10
21	GATE VALVE, 8 IN.	EA	13	\$2,500.00	\$32,500.00	\$2,412.30	\$31,359.90
22	FIRE HYDRANT ASSEMBLY	EA	5	\$4,500.00	\$22,500.00	\$5,940.00	\$29,700.00
23	MANHOLE TYPE SW-301, 48 IN.	EA	7	\$3,500.00	\$24,500.00	\$5,552.80	\$38,869.60
24	MANHOLE TYPE SW-401, 48 IN.	EA	6	\$3,500.00	\$21,000.00	\$4,389.00	\$26,334.00
25	INTAKE TYPE SW-501	EA	16	\$3,000.00	\$48,000.00	\$3,105.30	\$49,684.80
26	REMOVE MANHOLE	EA	5	\$1,000.00	\$5,000.00	\$632.50	\$3,162.50
27	REMOVE INTAKE	EA	12	\$1,000.00	\$12,000.00	\$522.50	\$6,270.00
28	CURB AND GUTTER, 2.5 FT., 8 IN.	LF	3,140	\$30.00	\$94,200.00	\$36.30	\$113,982.00
29	PAVEMENT OR OVERLAY, HMA, BASE	SY	5,485	\$35.00	\$191,975.00	\$30.36	\$166,524.60
30	PAVEMENT OR OVERLAY, HMA, SURFACE	SY	5,485	\$15.00	\$82,275.00	\$10.11	\$55,453.35
31	HMA PAVEMENT SAMPLES AND TESTING	LS	1	\$2,000.00	\$2,000.00	\$8,372.00	\$8,372.00
32	REMOVAL OF SIDEWALK	SY	506	\$10.00	\$5,060.00	\$15.27	\$7,726.62
33	REMOVAL OF DRIVEWAY	SY	718	\$10.00	\$7,180.00	\$15.54	\$11,157.72
34	SIDEWALK, PCC, 4 IN.	SY	140	\$45.00	\$6,300.00	\$75.90	\$10,626.00
35	SIDEWALK, PCC, 6 IN.	SY	266	\$50.00	\$13,300.00	\$77.00	\$20,482.00
36	DETECTABLE WARNING	SF	224	\$25.00	\$5,600.00	\$38.50	\$8,624.00
37	DRIVEWAY, PAVED, PCC, 6 IN.	SY	590	\$45.00	\$26,550.00	\$75.90	\$44,781.00
38	PAINTED PAVEMENT MARKINGS	STA	14	\$25.00	\$350.00	\$104.50	\$1,463.00
39	PAINTED SYMBOLS AND LEGENDS	EA	2	\$125.00	\$250.00	\$110.00	\$220.00
40	PAVEMENT REMOVAL	SY	6,204	\$8.00	\$49,632.00	\$7.00	\$43,428.00
41	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	0.4	\$3,000.00	\$1,200.00	\$8,500.00	\$3,400.00
42	SWPPP PREPARATION	LS	1	\$1,000.00	\$1,000.00	\$1,320.00	\$1,320.00
43	SWPPP MANAGEMENT	LS	1	\$5,000.00	\$5,000.00	\$3,080.00	\$3,080.00
44	FILTER SOCKS, 8 IN.	LF	5,000	\$2.50	\$12,500.00	\$1.92	\$9,600.00
45	INLET PROTECTION DEVICE, FILTER SOCK, 8 IN.	EA	29	\$250.00	\$7,250.00	\$66.00	\$1,914.00
TOTAL BASE BID					\$1,135,244.50		\$1,188,273.84

10-Feb-15

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