

January 19, 2015

To: Mayor Bemrich and City Council
From: David Fierke, City Manager
Subject: 2nd Ave. N. Reconstruction Project
N. 15th St. to N. 18nd St.
Public Hearing and Bid Date



ACTION: For vote Monday, January 26, 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.

Analysis of Issue

A public hearing and bid date is required to be set to approve the plans and specifications, form of contract and estimate of costs for Phase 1 of this project. A bid date of February 10th at 2 pm and a public hearing date of February 23rd at 6:00 is proposed.

Budget Impact

Construction of this project could be paid from Local Option Sales Tax, Water Utility, Sanitary Sewer Utility, and Storm Sewer Utility funds. The Engineer's estimate of probable construction costs are \$1,135,000.

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 set a public hearing for February 23rd, 2015 at 6:00 pm and a bid date of February 10th at 2:00 pm.

Alternatives

None recommended.

Implementation and Accountability

The Engineering Department will be responsible for overseeing this project.

Signed



Tony Trotter, P.E.
Project Engineer

Approved



David R. Fierke
City Manager

**CITY OF FORT DODGE, IOWA
2ND AVE. NORTH RECONSTRUCTION**

January 14, 2015

Opinion of Probable Construction Costs

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ITEM NO.	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1	TRAFFIC CONTROL	LS	1	\$5,000.00	\$5,000.00
2	MOBILIZATION	LS	1	\$50,000.00	\$50,000.00
DIVISION 2 - EARTHWORK					
3	EXCAVATION, CLASS 13	CY	250.8	\$12.50	\$3,134.50
4	SUBGRADE PREPARATION	SY	6,544.5	\$3.50	\$22,905.75
5	SUBBASE, MODIFIED	SY	6,544.5	\$9.00	\$58,900.50
6	REMOVAL OF STRUCTURE, SANITARY SEWER MANHOLE	EA	7	\$1,000.00	\$7,000.00
7	REMOVAL OF KNOWN PIPE, DUCTILE IRON, 6"	LF	44.0	\$20.00	\$880.00
8	FILLING AND PLUGGING OF KNOWN PIPES, 6"	LF	1,481.0	\$20.00	\$29,620.00
9	COMPACTION TESTING	LS	1	\$5,000.00	\$5,000.00
DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION					
10	TRENCH COMPACTION TESTING	LS	1	\$2,500.00	\$2,500.00
DIVISION 4 - SEWERS AND DRAINS					
11	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 8 IN.	LF	43.0	\$50.00	\$2,150.00
12	STORM SEWER, TRENCHED, RCP, 15 IN.	LF	581.4	\$40.00	\$23,254.40
13	REMOVAL OF STORM SEWER, RCP, UNDER 36 IN.	LF	373.0	\$12.50	\$4,662.50
14	SUBDRAIN, PERFORATED POLYTHELENE, 8 IN.	LF	2,751.0	\$20.00	\$55,020.00
15	SUBDRAIN CLEANOUT, PVC RISER, 8 IN.	EA	6	\$250.00	\$1,500.00
16	SUBDRAIN OUTLETS AND CONNECTIONS, RF-19F, 8 IN.	EA	14	\$500.00	\$7,000.00
DIVISION 5 - WATERMAINS AND APPURTENANCES					
17	WATER MAIN, TRENCHED, DUCTILE IRON, 8 IN.	LF	1,703.0	\$55.00	\$93,665.00
18	FITTING, DUCTILE IRON, 8 IN.	LB	1,705.0	\$7.00	\$11,935.00
19	WATER SERVICE STUB, COPPER, 3/4"	EA	40	\$1,500.00	\$60,000.00
20	GATE VALVE, 6 IN.	EA	7	\$2,000.00	\$14,000.00
21	GATE VALVE, 8 IN.	EA	13	\$2,500.00	\$32,500.00
22	FIRE HYDRANT ASSEMBLY	EA	5	\$4,500.00	\$22,500.00
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS					
23	MANHOLE TYPE SW-301, 48 IN.	EA	7	\$3,500.00	\$24,500.00
24	MANHOLE TYPE SW-401, 48 IN.	EA	6	\$3,500.00	\$21,000.00
25	INTAKE TYPE SW-501	EA	16	\$3,000.00	\$48,000.00
26	REMOVE MANHOLE	EA	5	\$1,000.00	\$5,000.00
27	REMOVE INTAKE	EA	12	\$1,000.00	\$12,000.00
DIVISION 7 - STREETS AND RELATED WORK					
28	CURB AND GUTTER, 2.5 FT., 8 IN.	LF	3,139.7	\$30.00	\$94,191.00
29	PAVEMENT OR OVERLAY, HMA, BASE	SY	5,484.7	\$35.00	\$191,964.50
30	PAVEMENT OR OVERLAY, HMA, SURFACE	SY	5,484.7	\$15.00	\$82,270.50
31	HMA PAVEMENT SAMPLES AND TESTING	LS	1	\$2,000.00	\$2,000.00
32	REMOVAL OF SIDEWALK	SY	505.7	\$10.00	\$5,057.00
33	REMOVAL OF DRIVEWAY	SY	718.1	\$10.00	\$7,181.00
34	SIDEWALK, PCC, 4 IN.	SY	140.4	\$45.00	\$6,318.00
35	SIDEWALK, PCC, 6 IN.	SY	266.0	\$50.00	\$13,300.00
36	DETECTABLE WARNING	SF	224.0	\$25.00	\$5,600.00
37	DRIVEWAY, PAVED, PCC, 6 IN.	SY	590.4	\$45.00	\$26,568.00
38	PAINTED PAVEMENT MARKINGS	STA	14.4	\$25.00	\$361.00
39	PAINTED SYMBOLS AND LEGENDS	EA	2	\$125.00	\$250.00
40	PAVEMENT REMOVAL	SY	6,204.0	\$8.00	\$49,632.00
DIVISION 9 - SITE WORK AND LANDSCAPING					
41	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCH	AC	0.4	\$3,000.00	\$1,050.00
42	SWPPP PREPARATION	LS	1	\$1,000.00	\$1,000.00
43	SWPPP MANAGEMENT	LS	1	\$5,000.00	\$5,000.00
44	FILTER SOCKS, 8 IN.	LF	5,000	\$2.50	\$12,500.00
45	INLET PROTECTION DEVICE, FILTER SOCK, 8 IN.	EA	29	\$250.00	\$7,250.00
OPINION OF PROBABLE CONSTRUCTION COST:					\$1,135,120.65

NOTICE TO BIDDERS AND NOTICE OF PUBLIC HEARING
2nd Avenue North Improvements
City of Fort Dodge
Fort Dodge, IA

Time and Place for Filing Sealed Proposals. Sealed bids for the work comprising the improvement as stated below must be filed before 2:00 P.M. on February 10th, 2015, in the office of the City Clerk, City of Fort Dodge, 819 1st Avenue S., Fort Dodge, IA.

Time and Place Sealed Proposals Will be Opened and Considered. Sealed proposals will be opened and bids tabulated at 2:00 P.M. on February 10th, 2015, in the office of the City Clerk, City of Fort Dodge, for consideration by the City of Fort Dodge City Council at its meeting at 6:00 P.M. on February 23rd, 2015. The City of Fort Dodge reserves the right to reject any and all bids.

Time for Commencement and Completion of Work. Work on the improvement shall commence upon approval of the contract by the Council, and as stated in the Notice to Proceed. All work under the Contract must be substantially complete on or before October 31, 2015. Damages in the amount of \$500.00 per day will be assessed for each day the work remains incomplete.

Bid Security. Each bidder shall accompany its bid with bid security, as defined in Section 26.8 of the Iowa Code in the amount equal to 10 percent of the total amount of the bid.

Contract Documents. Copies of the project documents are available for a price of \$25 per set. This fee is refundable, provided the plans and specifications are returned complete and in good usable condition, and they are returned within fourteen (14) calendar days after the award of the project. Please make your check payable to Bolton & Menk, Inc. and send it to 2730 Ford Street, Ames, IA 50010-0688, (515) 233-6100, fax (515)233-4430. You may view the digital plan documents for free by entering Quest project # 3614629 on the website's Project Search page. Documents may be downloaded for \$0.00. Please contact QuestCDN.com at 952-233-1632 or info@questcdn.com for assistance in free membership registration, viewing, downloading, and working with this digital project information.

Public Hearing on Proposed Contract Documents and Estimated Costs for Improvement. A public hearing will be held by the City of Fort Dodge on the proposed contract documents (plans, specifications and form of contract) and estimated cost for the improvement at its meeting at 6:00 P.M. on February 23rd, 2015, at 819 1st Avenue S., Fort Dodge, IA.

Preference of Products and Labor. Preference shall be given to domestic construction materials by the contractor, subcontractors, material, men, and suppliers in performance of the contract and further, by virtue of statutory authority, preference will be given to products and provisions grown and coal produced within the State of Iowa, and to Iowa domestic labor, to the extent lawfully required under Iowa statutes. Failure to submit a fully completed Bidder Status Form with the bid may result in the bid being deemed nonresponsive and rejected.

Sales Tax Exemption Certificates. The bidder shall not include sales tax in the bid. The City of Fort Dodge will distribute tax exemption certificates and authorization letters to the Contractor and all subcontractors who are identified. The Contractor and subcontractor may make copies of the tax exemption certificates and provide a copy to each supplier providing construction materials. These tax exemption certificates and authorization letters are applicable only for this specific project under the Contract.

PROJECT DESCRIPTION: Reconstruction of 2nd Avenue North from N. 18th Street to N. 22nd Street. The reconstruction includes watermain, storm sewer, sanitary sewer replacement and repairs, concrete curb & gutter, and asphalt pavement.

This Notice is given by authority of the City of Fort Dodge

END OF SECTION

RESOLUTION NO. _____

TO PROVIDE FOR A NOTICE OF HEARING ON PROPOSED PLANS AND SPECIFICATIONS, PROPOSED FORM OF CONTRACT, AND ESTIMATE OF COST FOR THE 2ND AVENUE NORTH STREET IMPROVEMENTS, AND THE TAKING OF BIDS THEREFORE

WHEREAS, the City of Fort Dodge, Iowa, has determined that it is necessary and desirable that a Public Improvement be constructed as described in the proposed Plans and Specifications and form of Contract prepared by **Engineering Department** which proposed Plans, Specifications, form of Contract, and Engineer's Estimate are on file with the City Clerk, and which Public Improvement may be hereafter referred to as the **2nd Avenue North Street Improvements Project** and is sometimes hereinafter in this Resolution referred to as the "Project"; and

WHEREAS, it is necessary to advertise for sealed bids for the Project, and to fix a time and place of Public Hearing on the proposed Plans, Specifications, form of Contract, and estimated cost for the Project:

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

Section I. That sealed bids will be received by the City Council of the City of Fort Dodge, Webster County, Iowa, at the office of the City Clerk, until **2:00 PM** on the **10th** day of **February**, 20**15** and opened commencing at **2:00 PM** on the same day.

Section II. That on the **23rd** day of **February**, 20**15**, at **6:00 PM** at City Hall in the said City, a Public Hearing will be held on the proposed Plans, Specifications, form of Contract, and estimated cost for the Project, and also as the time for Council consideration of bids received in connection therewith.

Section III. That the City Clerk is hereby authorized and directed to give Notice of the aforementioned Public Hearing and taking of bids by publication of such Notice in The Messenger, a newspaper of general circulation in the City.

Section IV. That all provisions set out in the foregoing form of Notice are hereby recognized and prescribed by this Council and that all Resolutions or Orders or Parts thereof, to the extent the same may be in conflict herewith, are hereby repealed.

Passed and approved by the City Council of the City of Fort Dodge, Iowa this ____ day of _____, 2015.

City of Fort Dodge, Iowa

Matt Bemrich, Mayor

ATTEST:

Jeff Nemmers, City Clerk