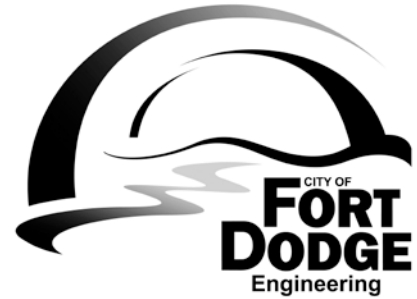


**February 17, 2015**

**To: Mayor Bemrich and City Council**  
**From: David Fierke, City Manager**  
**Subject: East Region Public Improvements  
Phase 1C  
Set Public Hearing & Bid Dates**



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**ACTION: For vote Monday, February 23, 2015**

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**Brief History**

On May 14<sup>th</sup>, 2012, City Council passed a resolution accepting the method of selection to choose an Engineering Firm to perform preliminary design on the East Region Storm Sewer Project – Phases 1-3. The Engineering Department solicited RFQ's/RFP's from 7 Iowa firms and received 4 submittals from Bolton & Menk, HR Green, McClure, and Snyder & Associates. The qualifications for each firm were scored by a selection committee and based on their recommendation, City Council directed staff to prepare a contract with Snyder & Associates, which was approved on June 25<sup>th</sup>, 2012. The original contract includes preliminary engineering, design, administrative work necessary to seek funding and determine scope of the project, developing 30% plans, and communication with the public and neighborhood businesses.

Amendment #1 was the first of two (2) planned amendments to Snyder & Associates' original contract. Amendment #1 bridges the gap between preliminary concepts and bidding the projects, generally including final design and plans, right-of-way services (upon written authorization from City), survey, funding applications, and bidding services.

Amendment #2 to the original contract dated July 23, 2012 was approved by Council on June 10, 2013. The original contract and Amendments 1 and 2 encompass the following work:

- Preliminary Design & Plans for Phases 1, 2, and 3.
- Final Design and Plans for Phases 1 and 2.
- Bid Letting Administration for Phases 1 and 2.
- Environmental Services.
- Construction Administration & Observation for Phases 1 and 2.

The following is a description of each Phase (1 – 4):

- Phase 1 – Roadway, storm sewers, storm water detention, and pump station improvements near 1<sup>st</sup> Ave. S. & S. 23<sup>rd</sup> St.
- Phase 1B – Roadway and storm sewer improvements on 1<sup>st</sup> Ave. S. at 23<sup>rd</sup> St. and 200' to the east.

- Phase 1C – Storm water detention basin south of 8<sup>th</sup> Ave. S. (east of Land O'Lakes), pump station, roadway and storm sewer improvements on S. 29<sup>th</sup> St. to the north of 8<sup>th</sup> Ave. S.
- Phase 2 – Roadway and storm sewer improvements along 1<sup>st</sup> Ave. S. between S. 23<sup>rd</sup> St. and S. 27<sup>th</sup> St. including work north and south of 1<sup>st</sup> Ave. S. on S. 25<sup>th</sup> St.
- Phase 3 – Roadway and storm sewer improvements along 1<sup>st</sup> Ave. S. between S. 27<sup>th</sup> St. and east of S. 29<sup>th</sup> St. and along S. 29<sup>th</sup> St. from 1<sup>st</sup> Ave. S. to 7<sup>th</sup> Ave. S.
- Phase 4 - Storm sewer improvements along S. 25<sup>th</sup> St. from south of 5<sup>th</sup> Ave. S. to 8<sup>th</sup> Ave. S. and then to the Phase 1C detention basin.

At the September 9<sup>th</sup>, 2013 workshop, Wade Greiman with Snyder & Associates updated the Phase 1 project to Council. It was explained that the project would further be broken down to include two bids; a Phase 1 and Phase 1B. The breakdown was necessary to coordinate construction activities at Kemna Auto and Phase 1 of the East Region Project.

On October 3, 2013, at 3:00 pm bids were received for the Phase 1 Project. Four bid proposals were received and opened as follows:

- |  |                |
|--|----------------|
| • JB Holland Construction, Decorah, Iowa     | \$1,502,282.93 |
| • Rasch Construction, Fort Dodge, Iowa       | \$1,544,201.50 |
| • Peterson Contractors, Inc., Reinbeck, Iowa | \$1,670,000.00 |
| • Minger Construction, Inc., Chanhassen, MN  | \$1,915,697.80 |

Council approved a contract with JB Holland in the amount of \$1,502,282.93 on October 14<sup>th</sup>, 2013.

On July 8, 2014, at 3:00 one bid was received for the Phase 1B Project:

- |  |              |
|--|--------------|
| • Rasch Construction, Fort Dodge, Iowa | \$621,804.00 |
|--|--------------|

Council approved a contract with Rasch Construction in the amount of \$621,804.00 on July 14<sup>th</sup>, 2014.

### **Analysis of Issue**

Snyder & Associates has provided complete plans and specifications for Staff review and comment. Now is the time to set the Public Hearing date and time as well as the Bid date and time. Pursuant to the attached Notice to Bidders, the Public Hearing will be scheduled for March 23<sup>rd</sup>, 2015 at 6:00 pm. Also, the Bid date and time will be scheduled for March 19<sup>th</sup>, 2015 at 10:00 am. Engineer's Estimate for the Phase 1C construction is \$3,650,000.

Phase 1C includes storm water sewer installation, excavation of a detention basin, constriction of a pump station including a groundwater wet well, storm sewer wet well, utility building and generator.

### **Budget Impact**

Funding for this project will include LOST, Stormwater Utility GO Bond, a federal transportation grant, TIF, Iowa Clean Air Attainment Program, Traffic Safety Improvement Program, Water Quality related loans or grants, and others. It is the

intention to complete the project within the budget provided. Budget is highly dependent on grant success

Table 1. Capital Improvement Plan Excerpt – East Region Storm Sewer, Phases 1-3

Funding Source	Totals	FISCAL YEAR				
		2012	2013	2014	2015	2016
LOST	\$ 2,500,000				\$ 2,000,000	\$ 500,000
GO Bonds	\$ -					
RUT	\$ -					
Federal	\$ 1,500,000				\$ 500,000	\$ 1,000,000
Sewer Utility	\$ -					
Water Utility	\$ -					
Stormwater Utility	\$ 2,850,000		\$ 1,450,000	\$ 1,400,000		
Other	\$ 2,500,000			\$ 1,050,000	\$ 450,000	\$ 1,000,000
<b>TOTAL</b>	<b>\$ 9,350,000</b>	\$ -	\$ 1,450,000	\$ 2,450,000	\$ 2,950,000	\$ 2,500,000

### **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 C.3.5: Pedestrian-oriented streetscape improvements including, but not limited to, sidewalks, street trees, landscaping, street lights, street furniture, trash receptacles, and signage shall be made to create and maintain an environment attractive to investment.

### **Impact on Existing Plans**

This project has been included in the Capital Improvement Plan, has leveraged Surface Transportation Funds, and includes all recommendations from the Cross-town Connector Report as well as the Business District Watershed Analysis.

### **Staff Conclusions / Recommendations**

It is Staff's recommendation to set the Public Hearing for March 23<sup>rd</sup>, 2015 at 6:00 pm and the Bid date and time as March 19<sup>th</sup>, 2015 at 10:00 am.

### **Alternatives**

None recommended.

### **Implementation and Accountability**

The Snyder & Associates and the Engineering Department will be responsible for this project.

Signed



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Tony Trotter, P.E.  
Project Engineer

Approved



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David Fierke  
City Manager

RESOLUTION NO. \_\_\_\_\_

TO PROVIDE FOR A NOTICE OF HEARING ON PROPOSED PLANS AND SPECIFICATIONS, PROPOSED FORM OF CONTRACT, AND ESTIMATE OF COST FOR THE EAST REGION PHASE 1C, 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 Snyder & Associates, Inc. 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 East Region Phase 1C 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 10:00 AM on the 19<sup>th</sup> day of March, 2015 and opened commencing at 10:00 AM on the same day.

**Section II.** That on the 23<sup>rd</sup> day of March, 2015, 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 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

AYE: \_\_\_\_\_

NAY: \_\_\_\_\_

OTHER: \_\_\_\_\_

\_\_\_\_\_  
MATT BEMRICH, MAYOR

ATTEST:

\_\_\_\_\_  
JEFF NEMMERS, CITY CLERK

**ENGINEER'S PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST**

FORT DODGE EAST REGION PUBLIC IMPROVEMENTS PHASE 1C PROJECT

January 29, 2015

No.	Item Description	Unit	Quantity	Unit Cost	Total Cost
1	Miscellaneous				
1.01	Mobilization	LS	1	\$ 120,000.00	\$ 120,000.00
1.02	Temporary Mailboxes	EACH	5	\$ 200.00	\$ 1,000.00
2	Earthwork				
2.01	Clearing and Grubbing	LS	1	\$ 10,000.00	\$ 10,000.00
2.02	Topsoil, Strip, Salvage, and Respread	CY	9,800	\$ 5.00	\$ 49,000.00
2.03	Excavation, Class 10	CY	124,300	\$ 6.00	\$ 745,800.00
2.04	Excavation, Rubble	CY	200	\$ 100.00	\$ 20,000.00
2.05	Removal of Monitoring Well	EACH	4	\$ 300.00	\$ 1,200.00
2.06	Plugging of Monitoring Well	EACH	3	\$ 600.00	\$ 1,800.00
2.07	Below Grade Excavation (Core Out)	CY	2,100	\$ 8.00	\$ 16,800.00
2.08	Select Soil Backfill	CY	2,700	\$ 6.00	\$ 16,200.00
2.09	Subgrade Preparation	SY	3,300	\$ 3.00	\$ 9,900.00
2.10	Granular Subbase	TON	830	\$ 25.00	\$ 20,750.00
2.11	Class A Crushed Stone	TON	170	\$ 25.00	\$ 4,250.00
2.12	Rip Rap, Class E	TON	1,850	\$ 35.00	\$ 64,750.00
2.13	Rip Rap Grouting	CY	70	\$ 150.00	\$ 10,500.00
3	Trench and Trenchless Construction				
3.01	Sewer Pipe Support Over Existing Utility	EACH	3	\$ 500.00	\$ 1,500.00
3.02	Reinforced PCC Beam Utility Line Support	EACH	4	\$ 500.00	\$ 2,000.00
3.03	Flowable Mortar Fill Utility Line Support	EACH	1	\$ 7,500.00	\$ 7,500.00
3.04	PCC Encasement	LF	12	\$ 100.00	\$ 1,200.00
4	Sewers and Drains				
4.01	Storm Sewer, Trenched, RCP, Class III, 15" dia.	LF	20	\$ 60.00	\$ 1,200.00
4.02	Storm Sewer, Trenched, RCP, Class III, 24" dia.	LF	378	\$ 60.00	\$ 22,680.00
4.03	Storm Sewer, Trenched, RCPP, Class D-25, 54" dia.	LF	229	\$ 300.00	\$ 68,700.00
4.04	Storm Sewer, Trenched, RCPP, Class D-25, 60" dia.	LF	1,592	\$ 350.00	\$ 557,200.00
4.05	Storm Sewer, Trenched, RCPP, Class D-25, 66" dia.	LF	253	\$ 400.00	\$ 101,200.00
4.06	Subdrain, 6" Perforated	LF	2,250	\$ 15.00	\$ 33,750.00
4.07	Subdrain, 6" PVC, AWWA C900, DR18	LF	503	\$ 80.00	\$ 40,240.00
4.08	Removal of Storm Sewer	LF	960	\$ 10.00	\$ 9,600.00
4.09	Apron, Concrete, 60 In. Dia.	EACH	2	\$ 4,500.00	\$ 9,000.00
4.10	Apron, Concrete, 66 In. Dia.	EACH	1	\$ 5,000.00	\$ 5,000.00
4.11	Sanitary Sewer Service, 4"	LF	80	\$ 40.00	\$ 3,200.00
4.12	Sanitary Sewer Service Connection to Existing Service,	EACH	8	\$ 150.00	\$ 1,200.00
4.13	Sanitary Sewer Service Connection to Existing Main, 4"	EACH	2	\$ 500.00	\$ 1,000.00
4.14	Sanitary Sewer, 8" PVC	LF	72	\$ 70.00	\$ 5,040.00
4.15	Sanitary Sewer, 24" PVC	LF	20	\$ 250.00	\$ 5,000.00
4.16	Sanitary Sewer Connection to Existing, 8"	EACH	4	\$ 400.00	\$ 1,600.00
4.17	Sanitary Sewer Connection to Existing, 24"	EACH	2	\$ 1,200.00	\$ 2,400.00
4.18	Sanitary Sewer Removal	LF	120	\$ 15.00	\$ 1,800.00
5	Water Main and Appurtenances				
5.01	Water Service, 3/4" Copper	LF	60	\$ 50.00	\$ 3,000.00
5.02	Water Service, 2" Copper	LF	40	\$ 60.00	\$ 2,400.00
5.03	Water Service Connection to Existing, 3/4"	EACH	6	\$ 50.00	\$ 300.00
5.04	Water Service Connection to Existing, 2"	EACH	2	\$ 200.00	\$ 400.00
5.05	Water Service Curb Stop, 3/4"	EACH	3	\$ 300.00	\$ 900.00
5.06	Hydrant Assembly	EACH	1	\$ 4,500.00	\$ 4,500.00
5.07	Hydrant Assembly Removal	EACH	1	\$ 500.00	\$ 500.00
6	Structures for Sanitary and Storm Sewer				
6.01	Manhole, Storm Sewer, SW-401, 96 In.	EACH	5	\$ 16,000.00	\$ 80,000.00
6.02	Manhole, Storm Sewer, SW-404	EACH	2	\$ 10,000.00	\$ 20,000.00
6.03	Manhole, Storm Sewer, SW-405	EACH	1	\$ 4,500.00	\$ 4,500.00
6.04	Intake, SW-511, Special	EACH	1	\$ 3,000.00	\$ 3,000.00
6.05	Intake, SW-513	EACH	1	\$ 5,000.00	\$ 5,000.00
6.06	Intake Adjustment, Major	EACH	1	\$ 1,000.00	\$ 1,000.00

No.	Item Description	Unit	Quantity	Unit Cost	Total Cost
6.07	Sanitary Sewer Manhole, SW-301, 48"	EACH	2	\$ 3,500.00	\$ 7,000.00
6.08	Removal of Structures	EACH	4	\$ 1,000.00	\$ 4,000.00
7	Streets and Related Work				
7.01	PCC Pavement, Class C, 7 IN.	SY	359	\$ 70.00	\$ 25,130.00
7.02	PCC Pavement, Class C, 6 IN.	SY	770	\$ 50.00	\$ 38,500.00
7.03	HMA Pavement, 7 IN.	SY	715	\$ 70.00	\$ 50,050.00
7.04	HMA Pavement, 6 IN.	SY	825	\$ 60.00	\$ 49,500.00
7.05	Removal of Pavement	SY	1,941	\$ 10.00	\$ 19,410.00
7.06	PCC Flume	SY	350	\$ 50.00	\$ 17,500.00
8	Traffic Control & Signalization				
8.01	Traffic Control	LS	1	\$ 20,000.00	\$ 20,000.00
8.02	Pavement Markings, Waterborne	STA	4.38	\$ 500.00	\$ 2,190.00
9	Sitework and Landscaping				
9.01	Pump Station	LS	1	\$ 996,000.00	\$ 996,000.00
9.02	SWPPP Management	LS	1	\$ 5,000.00	\$ 5,000.00
9.03	Mulching	AC	22	\$ 900.00	\$ 19,800.00
9.04	Seeding and Fertilizing, Type 1 Mixture	AC	11	\$ 2,000.00	\$ 22,000.00
9.05	Seeding and Fertilizing, Type 2 Mixture	AC	7	\$ 1,200.00	\$ 8,400.00
9.06	Silt Fence	LF	8,500	\$ 2.00	\$ 17,000.00
9.07	Removal of Silt Fence	LF	7,300	\$ 0.50	\$ 3,650.00
9.08	Filter Sock, 6 In. Dia.	LF	500	\$ 3.00	\$ 1,500.00
9.09	Filter Sock Removal	LF	500	\$ 0.50	\$ 250.00
9.10	Chain Link Fence, 6'	LF	411	\$ 30.00	\$ 12,330.00
11	Demolition of Building Structures				
11.01	Demolition Work	LS	1	\$ 20,000.00	\$ 20,000.00
12	Miscellaneous				
12.01	Contaminated Soil Hauling	TON	1,780	\$ 20.00	\$ 35,600.00
12.02	Contaminated Soil Landfill Fee	TON	1,780	\$ 35.00	\$ 62,300.00
				Subtotal	\$ 3,536,570.00
				Construction Contingency 3% +/-	\$ 106,100.00
				<b>Total Construction =</b>	<b>\$ 3,642,700.00</b>