

February 3, 2015

To: Mayor Bemrich and City Council
From: David Fierke, City Manager
**Subject: Cross-town Connector Project
Downtown Realignment & Revitalization
Phase I Project –9th St. to 13th St.
Set Public Hearing and Bid Date**



ACTION: For vote Monday, February 9, 2015

Brief History

On March 22, 2010, Council awarded a contract with Snyder & Associates for the Downtown Realignment Traffic Impact Study. On August 9, 2010 Council approved Amendment #1 with Snyder & Associates for the preparation of the TIGER II grant application (paid from TIF funds.) On November 22, 2010 Amendment #2 was approved by Council for the preparation and submittal of the concept statement for the Iowa Department of Transportation.

On May 9, 2011, Council approved an Amendment with Snyder to complete preliminary design services for the Cross-town Connector Phase 1 project between 8th Street and 13th Street for an approved fee of \$292,000.

On November 28, 2011, Council approved an agreement with Snyder & Associates for the preliminary design of Cross-town Connector Phase II project between 4th Street and 8th Street for an approved fee of \$237,100. Then on March 24, 2014 Council approved an amendment to complete the final design, bidding services and construction administration services for the Phase II project in the amount of \$207,300. This amendment also includes the design and plans for the traffic signal removals in the downtown area as proposed in the Downtown Realignment Traffic Impact Study.

On June 23rd, 2014, Council awarded the Phase II project to Wicks Construction in the amount of \$3,806,344.40. Work on Phase II began in July of 2014 and will be complete late summer or fall of 2015.

Analysis of Issue

A bid letting date needs to be set to receive bids for the next phase of this project, Phase I. A public hearing needs to be set to approve the plans and specifications, form of contract, estimate of costs. The Engineer's Estimate of Cost for this project is \$3,600,000.

Budget Impact

The construction of this project will be paid from the Cross-town Connector construction fund. Revenue for this fund comes from several different funding sources including IDOT RISE, 3R, U-STEP, and I-JOBS revenue, GO Bonds, LOST, TIF revenue, and SSMID revenue.

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.

Policy D.4.7: Adequate utilities infrastructure (water supply, sewage collection and treatment capacity, storm water management, etc.) must be in place before the new development it serves may be occupied.

Impact on Existing Plans

This project was included in the 2011-2016 Capital Improvement Plan adopted by the Council. It is consistent with the Cross-town Connector Improvements Project – Impact Study and Implementation Plan.

Committee Review / Recommendation

NA

Staff Conclusions / Recommendations

It is our recommendation to set a bid letting date of February 25, 2015 at 10:00 a.m. and a public hearing date of March 9, 2015 at 6:00 p.m.

Alternatives

None recommended.

Implementation and Accountability

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

Signed



Tony Trotter, P.E.
Project Engineer

Approved



David R. 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 CROSS-TOWN CONNECTOR PHASE 1, 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 Cross-Town Connector Phase 1 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 25th day of February, 2015 and opened commencing at 10:00 AM on the same day.

Section II. That on the 9th 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 CROSS-TOWN CONNECTOR IMPROVEMENTS PROJECT

PHASE 1

S. 9th Street to S. 13th Street

January 8, 2015

No.	Item Description	Unit	Quantity	Unit Cost	Total Cost
1	Miscellaneous				
1.01	Mobilization	LS	1	\$ 140,000.00	\$ 140,000.00
2	Earthwork				
2.01	Clearing and Grubbing	LS	1	\$ 10,000.00	\$ 10,000.00
2.02	Topsoil Strip, Salvage and Spread	CY	730	\$ 30.00	\$ 21,900.00
2.03	Excavation, Class 10, Roadway	CY	6,567	\$ 15.00	\$ 98,505.00
2.04	Subgrade Preparation, 12"	SY	11,405	\$ 3.00	\$ 34,215.00
2.05	Modified Subbase, 12"	SY	11,405	\$ 12.00	\$ 136,860.00
2.06	Below Grade Excavation (Core Out)	CY	770	\$ 6.00	\$ 4,620.00
2.07	Fly Ash	TON	125	\$ 70.00	\$ 8,750.00
2.08	Remove Existing Light Pole and Footing	EACH	32	\$ 500.00	\$ 16,000.00
4	Sewers and Drains				
4.01	Sanitary Sewer Gravity Main, Trenched, PVC, 8"	LF	58	\$ 70.00	\$ 4,060.00
4.02	Sanitary Sewer Gravity Main, Trenched, PVC, 10"	LF	1,523	\$ 76.00	\$ 115,748.00
4.03	Sanitary Sewer Gravity Main, Trenched, PVC, 12"	LF	165	\$ 85.00	\$ 14,025.00
4.04	Sanitary Sewer Gravity Main, Trenched, DIP, 10"	LF	40	\$ 100.00	\$ 4,000.00
4.05	Sanitary Sewer Service, PVC, 6"	LF	564	\$ 70.00	\$ 39,480.00
4.06	Sanitary Sewer Service, PVC, 8"	LF	35	\$ 80.00	\$ 2,800.00
4.07	Sanitary Sewer Service, PVC, 10"	LF	35	\$ 90.00	\$ 3,150.00
4.08	Removal of Sanitary Sewer, Less than or equal to 36"	LF	1,810	\$ 15.00	\$ 27,150.00
4.09	Storm Sewer, Trenched, Class 3 RCP, 15"	LF	1,187	\$ 65.00	\$ 77,155.00
4.10	Storm Sewer, Trenched, Class 3 RCP, 24"	LF	780	\$ 75.00	\$ 58,500.00
4.11	Storm Sewer, Trenched, Class 3 RCP, 36"	LF	284	\$ 120.00	\$ 34,080.00
4.12	Removal of Storm Sewer, Less than or equal to 36"	LF	2,496	\$ 25.00	\$ 62,400.00
4.13	Subdrain, Type 1, Case C, PVC, 6"	LF	3,780	\$ 12.00	\$ 45,360.00
4.14	Subdrain Cleanout, Type A-1, 6"	EACH	8	\$ 400.00	\$ 3,200.00
4.15	Subdrain Outlets and Connections, PVC, 6"	EACH	41	\$ 200.00	\$ 8,200.00
4.16	Sanitary Sewer Cleanout	EACH	2	\$ 250.00	\$ 500.00
4.17	Building Drain Connection to Storm Sewer	EACH	4	\$ 750.00	\$ 3,000.00
5	Water Main and Appurtenances				
5.01	Water Main, Trenched, PVC, 8"	LF	340	\$ 60.00	\$ 20,400.00
5.02	Water Main, Trenched, PVC, 12"	LF	1,315	\$ 72.00	\$ 94,680.00
5.03	Water Main, Trenched, PVC, 16"	LF	540	\$ 85.00	\$ 45,900.00
5.04	Water Service	EACH	25	\$ 2,900.00	\$ 72,500.00
5.05	Gate Valve, 8"	EACH	4	\$ 1,800.00	\$ 7,200.00
5.06	Gate Valve, 12"	EACH	9	\$ 3,200.00	\$ 28,800.00
5.07	Gate Valve, 16"	EACH	4	\$ 4,800.00	\$ 19,200.00
5.08	Fire Hydrant Assembly	EACH	7	\$ 5,400.00	\$ 37,800.00
5.09	Fire Hydrant Assembly Removal	EACH	3	\$ 1,000.00	\$ 3,000.00
5.10	Connection to Existing Water Main	EACH	9	\$ 2,000.00	\$ 18,000.00
5.11	Abandon Existing Water Main	LS	1	\$ 5,000.00	\$ 5,000.00
6	Structures for Sanitary and Storm Sewer				
6.01	Manhole, Type SW-301, 48"	EACH	10	\$ 3,800.00	\$ 38,000.00
6.02	Manhole, Type SW-401, 48"	EACH	4	\$ 3,500.00	\$ 14,000.00
6.03	Manhole, Type SW-401, 84"	EACH	2	\$ 8,000.00	\$ 16,000.00
6.04	Intake, Type SW-501	EACH	2	\$ 3,000.00	\$ 6,000.00
6.05	Intake, Type SW-505	EACH	23	\$ 4,200.00	\$ 96,600.00
6.06	Intake, Type SW-506	EACH	2	\$ 6,000.00	\$ 12,000.00
6.07	Connection to Existing Pipe	EACH	14	\$ 500.00	\$ 7,000.00
6.08	Connection to Existing Manhole	EACH	1	\$ 500.00	\$ 500.00
6.09	Removal of Existing Structures	EACH	49	\$ 700.00	\$ 34,300.00
7	Streets and Related Work				
7.01	Standard/Slip-Form PCC Pavement, Class C, 9"	SY	9,090	\$ 52.00	\$ 472,680.00
7.02	PCC Pavement, 9", Colored	SY	350	\$ 200.00	\$ 70,000.00
7.03	PCC Pavement, Truck Apron, 8", Colored	SY	520	\$ 190.00	\$ 98,800.00

No.	Item Description	Unit	Quantity	Unit Cost	Total Cost
7.04	PCC Pavement Samples and Testing	LS	1	\$ 5,000.00	\$ 5,000.00
7.05	Concrete Surface Repair Epoxy Patch	SF	10	\$ 20.00	\$ 200.00
7.06	Removal of Sidewalk and Driveway	SY	3,735	\$ 4.00	\$ 14,940.00
7.07	Sidewalk, PCC, 4"	SY	1,010	\$ 30.00	\$ 30,300.00
7.08	Sidewalk, PCC, 5"	SY	1,510	\$ 50.00	\$ 75,500.00
7.09	Sidewalk, PCC, 6"	SY	295	\$ 55.00	\$ 16,225.00
7.10	Sidewalk, PCC, 4", Colored	SY	70	\$ 90.00	\$ 6,300.00
7.11	Sidewalk, PCC, 5", Colored	SY	305	\$ 90.00	\$ 27,450.00
7.12	Sidewalk, PCC, 6", Colored	SY	125	\$ 100.00	\$ 12,500.00
7.13	Detectable Warnings	SF	580	\$ 40.00	\$ 23,200.00
7.14	Driveway, Paved PCC, 7"	SY	435	\$ 55.00	\$ 23,925.00
7.15	Parking Lot, Paved PCC, 7"	SY	706	\$ 55.00	\$ 38,830.00
7.16	Parking Lot, HMA, 7"	TON	30	\$ 225.00	\$ 6,750.00
7.17	HMA Pavement Full Depth Patch, 9"	SY	30	\$ 115.00	\$ 3,450.00
7.18	HMA 1.5" Deep Grind and Patch	SY	41	\$ 30.00	\$ 1,230.00
7.19	Raised Paved Median, 6"	SY	245	\$ 50.00	\$ 12,250.00
7.20	Curb and Gutter, PCC, 2.5' Width, 6"	LF	320	\$ 40.00	\$ 12,800.00
7.21	Pavement Removal	SY	12,080	\$ 5.00	\$ 60,400.00
7.22	Concrete Washout	EACH	9	\$ 250.00	\$ 2,250.00
7.23	Remove and Replace Parking Meter	Each	2	\$ 250.00	\$ 500.00
8	Traffic Control & Signalization				
8.01	Traffic Control	LS	1	\$ 25,000.00	\$ 25,000.00
8.02	Traffic Signs - Decorative Post Mounted	EACH	62	\$ 250.00	\$ 15,500.00
8.03	Traffic Signs - Light Pole Mounted	EACH	20	\$ 250.00	\$ 5,000.00
8.04	Decorative Sign Post	EACH	34	\$ 1,000.00	\$ 34,000.00
8.05	Pavement Markings, Waterborne	STA	67.16	\$ 90.00	\$ 6,044.40
8.06	Pavement Markings Symbols, Waterborne	EACH	10	\$ 130.00	\$ 1,300.00
8.07	Traffic Signals	LS	1	\$ 85,000.00	\$ 85,000.00
8.08	Removal of Traffic Signals	LS	1	\$ 20,000.00	\$ 20,000.00
8.09	Lighting	LS	1	\$ 270,000.00	\$ 270,000.00
8.10	Safety Fence with Detectable Edging	LF	615	\$ 25.00	\$ 15,375.00
9	Sitework and Landscaping				
9.01	Sodding	SQ	365	\$ 45.00	\$ 16,425.00
9.02	Seeding and Fertilizing, Type 1	AC	0.13	\$ 5,000.00	\$ 650.00
9.03	Storm Water Pollution Prevention Plan, Management	LS	1	\$ 2,500.00	\$ 2,500.00
9.04	Storm Water Pollution Prevention Plan, Inspection	EACH	40	\$ 100.00	\$ 4,000.00
9.05	Silt Fence	LF	290	\$ 5.00	\$ 1,450.00
9.06	Silt Fence Removal	LF	290	\$ 2.50	\$ 725.00
9.07	Filter Sock, 8" Diameter, Install and Remove	LF	750	\$ 3.00	\$ 2,250.00
9.08	Inlet Protection Device, Install	EACH	54	\$ 50.00	\$ 2,700.00
9.09	Inlet Protection Device, Maintenance	EACH	108	\$ 25.00	\$ 2,700.00
9.10	Type "I" Inlet Filter	EACH	28	\$ 100.00	\$ 2,800.00
9.11	Modular Block Wall	SF	150	\$ 50.00	\$ 7,500.00
11	Demolition of Building Structures				
11.01	Underground Vault Mitigation	LS	1	\$ 410,000.00	\$ 410,000.00
				Subtotal	\$ 3,496,937.40
				Construction Contingency 3% +/-	\$ 104,900.00
				Total Construction =	\$ 3,601,800.00