

**March 2, 2015**

**To: Mayor Bemrich and City Council**

**From: David Fierke, City Manager**

**Subject: Cross-town Connector Project  
Downtown Realignment & Revitalization  
Phase I Project –9<sup>th</sup> St. to 13<sup>th</sup> St.  
Public Hearing and Approve Plans, Specifications, Form of  
Contract and Estimate of Costs  
Award Contract**



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**ACTION: For vote Monday, February 9, 2015**

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**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 8<sup>th</sup> Street and 13<sup>th</sup> 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 4<sup>th</sup> Street and 8<sup>th</sup> 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 23<sup>rd</sup>, 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.

At the February 9, 2015 Council meeting a bid letting date was set for February 25, 2015 at 10:00 am and a public hearing was set for March 9<sup>th</sup>, 2015 at 6:00 pm.

### **Analysis of Issue**

A public hearing needs to be held regarding the proposed project. The project includes the construction of utilities, traffic signals, sidewalks, and street work on 1<sup>st</sup> Ave. S. between S. 9<sup>th</sup> St. to S. 13<sup>th</sup> St. to complete the Cross-town connector. The Engineer's Estimate of Cost for this project is \$3,600,000.

On February 24, 2015 at 10:00 am bids were received for this project. Two bids proposals were received and opened as follows:

- Wicks Construction, Decorah, Iowa \$4,172,478.92
- Rasch Construction, Fort Dodge, Iowa \$4,283,717.00

Below, Snyder Associates have prepared a letter recommending acceptance of the low bid and explanation of the discrepancy between bid price and Engineering Estimate.

### **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 approve the plans and specifications, form of contract and estimate of costs for this project. In addition, staff recommends awarding a contract to Wicks Construction in the amount of \$4,172,478.92.

**Alternatives**

None recommended.

**Implementation and Accountability**

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

Signed

Approved



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Tony Trotter, P.E.  
Project Engineer

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David R. Fierke  
City Manager

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

**APPROVING PLANS AND SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST FOR CROSS-TOWN CONNECTOR – PHASE 1 PROJECT, FOR THE CITY OF FORT DODGE, IOWA.**

**WHEREAS**, proposed Plans and Specifications, proposed form of Contract, and estimate of cost for Cross-Town Connector – Phase 1 Project have heretofore been prepared by Snyder & Associates, Inc. and filed with the City Clerk on the 9<sup>th</sup> day of February, 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 CROSS-TOWN CONNECTOR – PHASE 1 PROJECT 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 Cross-town Connector – Phase 1 Project (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>Wicks Construction</u> <u>P.O. Box 428, Decorah, Iowa 52101</u>	<u>\$4,172,478.92</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:** \_\_\_\_\_

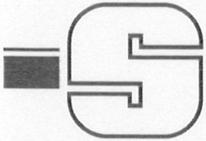
**NAY:** \_\_\_\_\_

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

\_\_\_\_\_  
**Matt Bemrich, Mayor**

**ATTEST:**

\_\_\_\_\_  
**Jeff Nemmers, City Clerk**



February 27, 2015

Chad Schaeffer, P.E  
City Engineer  
City of Fort Dodge  
819 1<sup>st</sup> Avenue South  
Fort Dodge, IA 50501

RE: CROSS-TOWN CONNECTOR PHASE I IMPROVEMENTS  
BID LETTING RESULTS AND RECOMMENDATION FOR ACCEPTANCE

Dear Chad:

The bid letting for the above referenced project was held Wednesday, February 25, 2015, and produced two bidders. Wicks Construction, Inc. from Decorah, Iowa submitted the low bid in the amount of \$4,172,478.92, which is 17.0% over the Engineer's Opinion. We've reviewed each item and unit price as submitted by Wicks Construction, Inc. and identified several items with unit prices noticeably higher than our estimate. The items comprise the majority of the 17.0% difference in the bid amount and cost opinion. These items include:

- Item 1.01 Mobilization – 1 LS at \$250,000, which comprises 6% of the total bid amount. We typically see this value around 3% of the total bid. This bid item amount is \$110,000 higher than our estimate.
- Item 7.01 9" Standard / Slip-Form PCC Pavement – 9.090 SY at \$67.55 / SY. We would expect to see this unit price around \$52 / SY considering the volume of hand pour work and paving through the roundabout. The Iowa DOT average bid price for 9" PCC pavement between March 2014 and February 2015 was \$45.64 / SY. This bid item amount is \$141,000 higher than our estimate.
- Items 7.07 & 7.08 are for 4" depth and 5" depth PCC Sidewalk. The combined quantity for these items is 2,520 SY, and the unit prices received on the bid was \$59 / SY and \$63 / SY respectively. We typically see the unit price for these items in the \$30 / SY to \$40 / SY range. These bid items amounts are \$50,000 higher than our estimate.
- Item 11.01 Underground Vault Mitigation – 1 LS at \$460,000. Our estimated value for this item was \$410,000 which included \$600 / CY for concrete and a 10% contingency. This bid item amount is \$50,000 higher than our estimate.

Wicks Construction, Inc. acknowledged the issued addendum dated February 20, 2015. They submitted the required bid bond in the amount of 10% of the bid.

Snyder & Associates, Inc. has worked with Wicks Construction, Inc. on similar projects, and Wicks Construction, Inc. is the prime contractor on the Cross Town Connector Phase II Project. They are

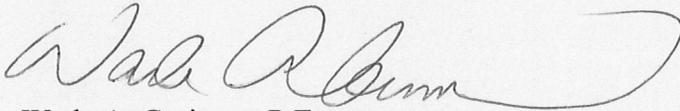
capable of completing the project. They indentify subcontractors in Part F of the Proposal form that are also capable of completing their respective portions of the project work. The project team has reviewed the submitted proposal form and bid bond. The submittals meet the requirements of the bid letting.

Even though there are several bid item unit prices that are higher than to be expected, we do not anticipate re-bidding the project at a later date would reduce the overall bid price. We have spoken with several prime contractors, including some on the planholder list for this project, and they have indicated their workload is busy through this year. As such, Snyder & Associates, Inc. recommends acceptance of the bid by Wicks Construction, Inc.

Please feel free to call at 515-964-2020 or email [wagreiman@snyder-associates.com](mailto:wagreiman@snyder-associates.com) if you have any questions.

Sincerely,

SNYDER & ASSOCIATES, INC.

A handwritten signature in cursive script, appearing to read "Wade A. Greiman".

Wade A. Greiman, P.E.

Enclosures (Bid Tab)

CC: Tony Trotter, P.E.  
John Haldeman, P.E.  
Jeremy Purvis, P.E.

**Cross-Town Connector - Phase 1**  
**Fort Dodge, Iowa**  
**Bid Date: February, 25, 2015**  
**Project Number: 111.0404**

				Engineer's Estimate Snyder & Associates, Inc. 2727 SW Snyder Blvd. Ankeny, IA 50023		Wicks Construction, Inc. Decorah, Iowa		Rasch Construction, Inc. Fort Dodge, Iowa	
No.	Item Description	Total Quantity	Unit	Unit Price	Total Price	Unit Price	Total Cost	Unit Price	Total Cost
1	Miscellaneous								
1.01	Mobilization	1	LS	\$ 140,000.00	\$ 140,000.00	\$ 250,000.00	\$ 250,000.00	\$ 343,000.00	\$ 343,000.00
2	Earthwork								
2.01	Clearing and Grubbing	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2.02	Topsoil Strip, Salvage and Spread	730	CY	\$ 30.00	\$ 21,900.00	\$ 30.00	\$ 21,900.00	\$ 30.00	\$ 21,900.00
2.03	Excavation, Class 10, Roadway	6,567	CY	\$ 15.00	\$ 98,505.00	\$ 17.00	\$ 111,639.00	\$ 17.00	\$ 111,639.00
2.04	Subgrade Preparation, 12"	11,405	SY	\$ 3.00	\$ 34,215.00	\$ 3.00	\$ 34,215.00	\$ 3.00	\$ 34,215.00
2.05	Modified Subbase, 12"	11,405	SY	\$ 12.00	\$ 136,860.00	\$ 12.00	\$ 136,860.00	\$ 12.00	\$ 136,860.00
2.06	Below Grade Excavation (Core Out)	770	CY	\$ 6.00	\$ 4,620.00	\$ 12.00	\$ 9,240.00	\$ 12.00	\$ 9,240.00
2.07	Subgrade Preparation, Fly Ash	125	TON	\$ 70.00	\$ 8,750.00	\$ 70.00	\$ 8,750.00	\$ 70.00	\$ 8,750.00
2.08	Remove Existing Light Pole and Footing	29	EACH	\$ 500.00	\$ 14,500.00	\$ 900.00	\$ 26,100.00	\$ 875.00	\$ 25,375.00
4	Sewers and Drains								
4.01	Sanitary Sewer Gravity Main, Trenched, PVC, 8"	58	LF	\$ 70.00	\$ 4,060.00	\$ 80.00	\$ 4,640.00	\$ 80.00	\$ 4,640.00
4.02	Sanitary Sewer Gravity Main, Trenched, PVC, 10"	1,523	LF	\$ 76.00	\$ 115,748.00	\$ 80.00	\$ 121,840.00	\$ 80.00	\$ 121,840.00
4.03	Sanitary Sewer Gravity Main, Trenched, PVC, 12"	165	LF	\$ 85.00	\$ 14,025.00	\$ 90.00	\$ 14,850.00	\$ 90.00	\$ 14,850.00
4.04	Sanitary Sewer Gravity Main, Trenched, DIP, 10"	40	LF	\$ 100.00	\$ 4,000.00	\$ 139.00	\$ 5,560.00	\$ 139.00	\$ 5,560.00
4.05	Sanitary Sewer Service, PVC, 6"	564	LF	\$ 70.00	\$ 39,480.00	\$ 81.00	\$ 45,684.00	\$ 81.00	\$ 45,684.00
4.06	Sanitary Sewer Service, PVC, 8"	35	LF	\$ 80.00	\$ 2,800.00	\$ 103.00	\$ 3,605.00	\$ 103.00	\$ 3,605.00
4.07	Sanitary Sewer Service, PVC, 10"	35	LF	\$ 90.00	\$ 3,150.00	\$ 108.00	\$ 3,780.00	\$ 108.00	\$ 3,780.00
4.08	Removal of Sanitary Sewer, Less than or equal to 36"	1,810	LF	\$ 15.00	\$ 27,150.00	\$ 18.00	\$ 32,580.00	\$ 18.00	\$ 32,580.00
4.09	Storm Sewer, Trenched, Class 3 RCP, 15"	1,082	LF	\$ 65.00	\$ 70,330.00	\$ 58.00	\$ 62,756.00	\$ 58.00	\$ 62,756.00
4.10	Storm Sewer, Trenched, Class 3 RCP, 18"	260	LF	\$ 70.00	\$ 18,200.00	\$ 72.00	\$ 18,720.00	\$ 72.00	\$ 18,720.00
4.11	Storm Sewer, Trenched, Class 3 RCP, 24"	311	LF	\$ 75.00	\$ 23,325.00	\$ 87.00	\$ 27,057.00	\$ 87.00	\$ 27,057.00
4.12	Storm Sewer, Trenched, Class 3 RCP, 36"	207	LF	\$ 120.00	\$ 24,840.00	\$ 156.00	\$ 32,292.00	\$ 156.00	\$ 32,292.00
4.13	Storm Sewer, Trenched, Class 3 RCP, 42"	306	LF	\$ 160.00	\$ 48,960.00	\$ 190.00	\$ 58,140.00	\$ 190.00	\$ 58,140.00
4.14	Removal of Storm Sewer, Less than or equal to 36"	2,496	LF	\$ 25.00	\$ 62,400.00	\$ 25.00	\$ 62,400.00	\$ 25.00	\$ 62,400.00
4.15	Subdrain, Type 1, Case C, PVC, 6"	3,746	LF	\$ 12.00	\$ 44,952.00	\$ 13.00	\$ 48,698.00	\$ 13.00	\$ 48,698.00
4.16	Subdrain Cleanout, Type A-1, 6"	8	EACH	\$ 400.00	\$ 3,200.00	\$ 600.00	\$ 4,800.00	\$ 600.00	\$ 4,800.00
4.17	Subdrain Outlets and Connections, PVC, 6"	41	EACH	\$ 200.00	\$ 8,200.00	\$ 177.00	\$ 7,257.00	\$ 177.00	\$ 7,257.00
4.18	Sanitary Sewer Cleanout	2	EACH	\$ 250.00	\$ 500.00	\$ 1,900.00	\$ 3,800.00	\$ 1,900.00	\$ 3,800.00
4.19	Building Drain Connection to Storm Sewer	4	EACH	\$ 750.00	\$ 3,000.00	\$ 2,050.00	\$ 8,200.00	\$ 2,050.00	\$ 8,200.00
5	Water Main and Appurtenances								
5.01	Water Main, Trenched, PVC, 8"	340	LF	\$ 60.00	\$ 20,400.00	\$ 76.00	\$ 25,840.00	\$ 76.00	\$ 25,840.00
5.02	Water Main, Trenched, PVC, 12"	1,315	LF	\$ 72.00	\$ 94,680.00	\$ 79.00	\$ 103,885.00	\$ 79.00	\$ 103,885.00
5.03	Water Main, Trenched, PVC, 16"	540	LF	\$ 85.00	\$ 45,900.00	\$ 116.00	\$ 62,640.00	\$ 116.00	\$ 62,640.00
5.04	Water Service	33	EACH	\$ 2,900.00	\$ 95,700.00	\$ 3,000.00	\$ 99,000.00	\$ 3,000.00	\$ 99,000.00
5.05	Gate Valve, 8"	4	EACH	\$ 1,800.00	\$ 7,200.00	\$ 2,300.00	\$ 9,200.00	\$ 2,300.00	\$ 9,200.00
5.06	Gate Valve, 12"	9	EACH	\$ 3,200.00	\$ 28,800.00	\$ 3,500.00	\$ 31,500.00	\$ 3,500.00	\$ 31,500.00
5.07	Gate Valve, 16"	4	EACH	\$ 4,800.00	\$ 19,200.00	\$ 7,500.00	\$ 30,000.00	\$ 7,500.00	\$ 30,000.00
5.08	Fire Hydrant Assembly	7	EACH	\$ 5,400.00	\$ 37,800.00	\$ 5,450.00	\$ 38,150.00	\$ 5,450.00	\$ 38,150.00
5.09	Fire Hydrant Assembly Removal	3	EACH	\$ 1,000.00	\$ 3,000.00	\$ 5,450.00	\$ 16,350.00	\$ 5,450.00	\$ 16,350.00
5.10	Connection to Existing Water Main	9	EACH	\$ 2,000.00	\$ 18,000.00	\$ 3,000.00	\$ 27,000.00	\$ 3,000.00	\$ 27,000.00
5.11	Abandon Existing Water Main	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00
6	Structures for Sanitary and Storm Sewer								
6.01	Manhole, Type SW-301, 48"	10	EACH	\$ 3,800.00	\$ 38,000.00	\$ 4,300.00	\$ 43,000.00	\$ 4,300.00	\$ 43,000.00
6.02	Manhole, Type SW-401, 48"	5	EACH	\$ 3,500.00	\$ 17,500.00	\$ 4,200.00	\$ 21,000.00	\$ 4,200.00	\$ 21,000.00
6.03	Manhole, Type SW-401, 60"	2	EACH	\$ 4,500.00	\$ 9,000.00	\$ 5,600.00	\$ 11,200.00	\$ 5,600.00	\$ 11,200.00
6.04	Manhole, Type SW-401, 84"	2	EACH	\$ 8,000.00	\$ 16,000.00	\$ 12,000.00	\$ 24,000.00	\$ 12,000.00	\$ 24,000.00
6.05	Intake, Type SW-501	2	EACH	\$ 3,000.00	\$ 6,000.00	\$ 4,000.00	\$ 8,000.00	\$ 4,000.00	\$ 8,000.00
6.06	Intake, Type SW-502	1	EACH	\$ 3,000.00	\$ 3,000.00	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00
6.07	Intake, Type SW-505	18	EACH	\$ 4,200.00	\$ 75,600.00	\$ 5,500.00	\$ 99,000.00	\$ 5,500.00	\$ 99,000.00
6.08	Intake, Type SW-506	3	EACH	\$ 6,000.00	\$ 18,000.00	\$ 8,450.00	\$ 25,350.00	\$ 8,450.00	\$ 25,350.00
6.09	Intake, Type SW-506 Modified	3	EACH	\$ 12,000.00	\$ 36,000.00	\$ 8,950.00	\$ 26,850.00	\$ 8,950.00	\$ 26,850.00
6.10	Connection to Existing Pipe	8	EACH	\$ 500.00	\$ 4,000.00	\$ 1,200.00	\$ 9,600.00	\$ 1,200.00	\$ 9,600.00
6.11	Connection to Existing Manhole	1	EACH	\$ 500.00	\$ 500.00	\$ 2,200.00	\$ 2,200.00	\$ 2,200.00	\$ 2,200.00
6.12	Removal of Existing Structures	49	EACH	\$ 700.00	\$ 34,300.00	\$ 1,000.00	\$ 49,000.00	\$ 1,000.00	\$ 49,000.00
7	Streets and Related Work								
7.01	Standard/Slip-Form PCC Pavement, Class C, 9"	9,090	SY	\$ 52.00	\$ 472,680.00	\$ 67.55	\$ 614,029.50	\$ 67.55	\$ 614,029.50
7.02	PCC Pavement, 9", Colored	350	SY	\$ 200.00	\$ 70,000.00	\$ 166.20	\$ 58,170.00	\$ 166.20	\$ 58,170.00
7.03	PCC Pavement, Truck Apron, 8", Colored	520	SY	\$ 190.00	\$ 98,800.00	\$ 94.25	\$ 49,010.00	\$ 94.25	\$ 49,010.00
7.04	PCC Pavement Samples and Testing	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
7.05	Concrete Surface Repair Epoxy Patch	10	SF	\$ 20.00	\$ 200.00	\$ 150.00	\$ 1,500.00	\$ 150.00	\$ 1,500.00
7.06	Removal of Sidewalk and Driveway	3,735	SY	\$ 4.00	\$ 14,940.00	\$ 6.00	\$ 22,410.00	\$ 6.00	\$ 22,410.00
7.07	Sidewalk, PCC, 4"	1,010	SY	\$ 30.00	\$ 30,300.00	\$ 59.00	\$ 59,590.00	\$ 59.00	\$ 59,590.00
7.08	Sidewalk, PCC, 5"	1,510	SY	\$ 50.00	\$ 75,500.00	\$ 63.00	\$ 95,130.00	\$ 63.00	\$ 95,130.00
7.09	Sidewalk, PCC, 6"	270	SY	\$ 55.00	\$ 14,850.00	\$ 67.00	\$ 18,090.00	\$ 67.00	\$ 18,090.00
7.10	Sidewalk, PCC, 4", Colored	70	SY	\$ 90.00	\$ 6,300.00	\$ 80.00	\$ 5,600.00	\$ 80.00	\$ 5,600.00
7.11	Sidewalk, PCC, 5", Colored	305	SY	\$ 90.00	\$ 27,450.00	\$ 89.00	\$ 27,145.00	\$ 89.00	\$ 27,145.00
7.12	Sidewalk, PCC, 6", Colored	125	SY	\$ 100.00	\$ 12,500.00	\$ 98.00	\$ 12,250.00	\$ 98.00	\$ 12,250.00
7.13	Detectable Warnings	580	SF	\$ 40.00	\$ 23,200.00	\$ 34.00	\$ 19,720.00	\$ 34	\$ 19,720.00
7.14	Driveway, Paved PCC, 7"	435	SY	\$ 55.00	\$ 23,925.00	\$ 77.00	\$ 33,495.00	\$ 77.00	\$ 33,495.00
7.15	Parking Lot, Paved PCC, 7"	706	SY	\$ 55.00	\$ 38,830.00	\$ 71.00	\$ 50,126.00	\$ 71.00	\$ 50,126.00
7.16	Parking Lot, HMA, 7"	30	TON	\$ 225.00	\$ 6,750.00	\$ 180.00	\$ 5,400.00	\$ 180.00	\$ 5,400.00
7.17	HMA Pavement Full Depth Patch, 9"	30	SY	\$ 115.00	\$ 3,450.00	\$ 90.63	\$ 2,718.90	\$ 91.00	\$ 2,730.00
7.18	Partial Depth Regular HMA Finish Patch	41	SY	\$ 30.00	\$ 1,230.00	\$ 70.72	\$ 2,899.52	\$ 71.00	\$ 2,911.00
7.19	Raised Paved Median, 6"	245	SY	\$ 50.00	\$ 12,250.00	\$ 115.00	\$ 28,175.00	\$ 115.00	\$ 28,175.00
7.20	Curb and Gutter, PCC, 2.5' Width, 6"	320	LF	\$ 40.00	\$ 12,800.00	\$ 32.00	\$ 10,240.00	\$ 32.00	\$ 10,240.00
7.21	Pavement Removal	12,080	SY	\$ 5.00	\$ 60,400.00	\$ 5.00	\$ 60,400.00	\$ 5.00	\$ 60,400.00
7.22	Concrete Washout	9	EACH	\$ 250.00	\$ 2,250.00	\$ 1,000.00	\$ 9,000.00	\$ 1,000.00	\$ 9,000.00
7.23	Remove and Replace Parking Meter	2	Each	\$ 250.00	\$ 500.00	\$ 1,500.00	\$ 3,000.00	\$ 1,500.00	\$ 3,000.00

**Cross-Town Connector - Phase 1**  
**Fort Dodge, Iowa**  
**Bid Date: February, 25, 2015**  
**Project Number: 111.0404**

				Engineer's Estimate Snyder & Associates, Inc. 2727 SW Snyder Blvd. Ankeny, IA 50023		Wicks Construction, Inc. Decorah, Iowa		Rasch Construction, Inc. Fort Dodge, Iowa	
No.	Item Description	Total Quantity	Unit	Unit Price	Total Price	Unit Price	Total Cost	Unit Price	Total Cost
8	<b>Traffic Control &amp; Signalization</b>								
8.01	Traffic Control	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 29,500.00	\$ 29,500.00	\$ 33,100.00	\$ 33,100.00
8.02	Traffic Signs - Decorative Post Mounted	62	EACH	\$ 250.00	\$ 15,500.00	\$ 275.00	\$ 17,050.00	\$ 275.00	\$ 17,050.00
8.03	Traffic Signs - Light Pole Mounted	20	EACH	\$ 250.00	\$ 5,000.00	\$ 200.00	\$ 4,000.00	\$ 200.00	\$ 4,000.00
8.04	Decorative Sign Post	34	EACH	\$ 1,000.00	\$ 34,000.00	\$ 1,200.00	\$ 40,800.00	\$ 1,200.00	\$ 40,800.00
8.05	Pavement Markings, Waterborne	67	STA	\$ 90.00	\$ 6,030.00	\$ 185.00	\$ 12,395.00	\$ 185.00	\$ 12,395.00
8.06	Pavement Markings Symbols, Waterborne	10	EACH	\$ 130.00	\$ 1,300.00	\$ 125.00	\$ 1,250.00	\$ 125.00	\$ 1,250.00
8.07	Traffic Signals	1	LS	\$ 85,000.00	\$ 85,000.00	\$ 87,000.00	\$ 87,000.00	\$ 87,000.00	\$ 87,000.00
8.08	Removal of Traffic Signals	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 45,000.00	\$ 45,000.00	\$ 40,000.00	\$ 40,000.00
8.09	Lighting	1	LS	\$ 270,000.00	\$ 270,000.00	\$ 285,000.00	\$ 285,000.00	\$ 285,000.00	\$ 285,000.00
8.10	Safety Fence with Detectable Edging	615	LF	\$ 25.00	\$ 15,375.00	\$ 29.50	\$ 18,142.50	\$ 19.50	\$ 11,992.50
9	<b>Sitework and Landscaping</b>								
9.01	Sodding	365	SQ	\$ 45.00	\$ 16,425.00	\$ 37.00	\$ 13,505.00	\$ 95.00	\$ 34,675.00
9.02	Seeding and Fertilizing, Type 1	0.13	AC	\$ 5,000.00	\$ 650.00	\$ 10,000.00	\$ 1,300.00	17500	\$ 2,275.00
9.03	Storm Water Pollution Prevention Plan, Management	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 4,800.00	\$ 4,800.00
9.04	Storm Water Pollution Prevention Plan, Inspection	40	EACH	\$ 100.00	\$ 4,000.00	\$ 50.00	\$ 2,000.00	\$ 75.00	\$ 3,000.00
9.05	Silt Fence	290	LF	\$ 5.00	\$ 1,450.00	\$ 1.55	\$ 449.50	\$ 4.00	\$ 1,160.00
9.06	Silt Fence Removal	290	LF	\$ 2.50	\$ 725.00	\$ 1.00	\$ 290.00	\$ 2.00	\$ 580.00
9.07	Filter Sock, 8" Diameter, Install and Remove	750	LF	\$ 3.00	\$ 2,250.00	\$ 2.50	\$ 1,875.00	\$ 2.50	\$ 1,875.00
9.08	Inlet Protection Device, Install	54	EACH	\$ 50.00	\$ 2,700.00	\$ 25.00	\$ 1,350.00	\$ 120.00	\$ 6,480.00
9.09	Inlet Protection Device, Maintenance	108	EACH	\$ 25.00	\$ 2,700.00	\$ 15.00	\$ 1,620.00	\$ 20.00	\$ 2,160.00
9.10	Type "I" Inlet Filter	28	EACH	\$ 100.00	\$ 2,800.00	\$ 25.00	\$ 700.00	\$ 150.00	\$ 4,200.00
9.11	Modular Block Wall	150	SF	\$ 50.00	\$ 7,500.00	25.5	\$ 3,825.00	40	\$ 6,000.00
11	<b>Demolition of Building Structures</b>								
11.01	Underground Vault Mitigation	1	LS	\$ 410,000.00	\$ 410,000.00	\$ 460,000.00	\$ 460,000.00	\$ 447,200.00	\$ 447,200.00
				TOTAL BID =	\$ 3,566,260.00		\$ 4,172,478.92		\$ 4,283,717.00
							\$ 4,172,478.92		\$ 4,283,717.00
				Percent of Low Bid =	85.47%		100.00%		102.67%