CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: August 24, 2015

ITEM:

- Public Hearing (5:35 p.m.)
South 8th Street to County Line Road to White Crane Road

FINANCIAL IMPACT:

The Engineering Estimate of construction cost was estimated to be $1,961,611.50 for the South 8th Street from County Line Road to White Crane Road project. There were four (4) bids submitted with the low bid of $1,691,963.55 being submitted by Concrete Technologies, Inc. Payments will be paid from budgeted account no. 4263.77.820.6.7910 with the ultimate funding intended to come from State RISE funding and the Alluvion TIF.

BACKGROUND:

This Public Hearing is on the matter of adoption of Plans, Specifications, Form of Contract and Estimate of Cost for the South 8th Street to County Line Road to White Crane Road project. Upon completion of the Public Hearing, a Resolution should be passed adopting the Plans and Specifications, Form of Contract, Estimate of Cost and Awarding the contract to Concrete Technologies, Inc.

This project is scheduled to be completed by May 31, 2016.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:
- Resolution Adopting Plans, Specifications, Form of Contract, and Estimate of Costs;
- Motion receiving and filing Report of Bids;
- Resolution awarding the construction contract to Concrete Technologies, Inc.

Lead Staff Member: Duane C. Wittstock, P.E., L.S., City Engineer

DCW

STAFF REVIEWS

Department Director	Duane C. Wittstock, City Engineer
Appropriations/Finance	Tim Stiles, Finance Director TS
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	RTG

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	August 14, 2015

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Works		
Date Reviewed	8/17/15		
Recommendation	Yes	No	Split

RESOLUTION

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, APPROVING Adopting Plans, Specifications, Form of Contract, and Estimate of Cost

WHEREAS, on August 10, 2015 Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

South 8th Street to County Line Road to White Crane Road
Project No. 0510-050-2014

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvements was published as required by law;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvement are hereby approved.

PASSED AND ADOPTED this **24th** day of **August, 2015.**

_____
John Mickelson, Mayor Pro tem

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION

WHEREAS, the City Council of the City of West Des Moines has heretofore directed advertisement for bids for the following described public improvement:

South 8th Street to County Line Road to White Crane Road
Project No. 0510-050-2014

and,

WHEREAS, bids have been received and opened by the City Clerk and placed on file by the City Council.

and,

WHEREAS, the bid of Concrete Technologies, Inc. of Grimes, Iowa, in the amount of $1,691,963.55 is the lowest responsive, responsible bid received for said public improvement,

therefore;

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the South 8th Street to County Line Road to White Crane Road Project is hereby awarded to Concrete Technologies, Inc. in the amount of $1,691,963.55 and the bond of said bidder for the project is hereby fixed in the same amount.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to any unsuccessful bidder.

BE IT FURTHER RESOLVED that the work on said project may commence as soon as the final contract and bond have been approved by the City Engineer and have been signed by the City Clerk and after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED this **24nd** day of **August, 2015.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

BID TABULATION

PROJECT: South 8th Street, White Crane Road to County Line Road Paving
OWNER: City of West Des Moines, Iowa

PROJECT NUMBER: 9083004
BID DATE: August 19, 2015

				Concrete Technologies, Inc		Hawkeye Paving Corporation		Alliance Construction Group	
ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
2.1	CLEARING AND GRUBBING	1	LS	$ 6,250.00	$ 6,250.00	$ 60,000.00	$ 60,000.00	$ 5,000.00	$ 5,000.00
2.2	EXCAVATION, CLASS 10, ROADWAY AND BORROW	15,991	CY	$ 5.25	$ 83,952.75	$ 9.00	$ 143,919.00	$ 5.25	$ 83,952.75
2.3	TOPSOIL, STRIP, SALVAGE AND SPREAD	3,725	CY	$ 9.45	$ 35,201.25	$ 11.00	$ 40,975.00	$ 9.00	$ 33,525.00
2.4	SUBGRADE PREPARATION	12,065	SY	$ 3.15	$ 38,004.75	$ 4.00	$ 48,260.00	$ 3.25	$ 39,211.25
2.5	MODIFIED SUBBASE, 6"	6,814	SY	$ 10.50	$ 71,547.00	$ 11.00	$ 74,954.00	$ 11.00	$ 74,954.00
2.6	ENGINEERING FABRIC	6,814	SY	$ 4.75	$ 32,366.50	$ 3.00	$ 20,442.00	$ 5.00	$ 34,070.00
2.7	BELOW GRADE EXCAVATION (CORE OUT)	1,815	CY	$ 10.00	$ 18,150.00	$ 12.00	$ 21,780.00	$ 10.00	$ 18,150.00
2.8	SUBGRADE TREATMENT - FLYASH	1,815	SY	$ 11.55	$ 20,963.25	$ 12.00	$ 21,780.00	$ 12.00	$ 21,780.00
4.1	STORM SEWER, TRENCHED, RCP 2000D,15"	970	LF	$ 82.00	$ 79,540.00	$ 59.00	$ 57,230.00	$ 66.00	$ 64,020.00
4.2	STORM SEWER, TRENCHED, RCP 2000D,18"	98	LF	$ 93.00	$ 9,114.00	$ 101.00	$ 9,898.00	$ 90.00	$ 8,820.00
4.3	STORM SEWER, TRENCHED, RCP 2000D,24"	219	LF	$ 110.00	$ 24,090.00	$ 98.00	$ 21,462.00	$ 95.00	$ 20,805.00
4.4	STORM SEWER, TRENCHED, RCP 2000D,30"	243	LF	$ 114.00	$ 27,702.00	$ 142.00	$ 34,506.00	$ 115.00	$ 27,945.00
4.5	STORM SEWER, TRENCHED, RCP 2000D,42"	74	LF	$ 238.00	$ 17,612.00	$ 240.00	$ 17,760.00	$ 250.00	$ 18,500.00
4.6	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	66	LF	$ 12.25	$ 808.50	$ 25.00	$ 1,650.00	$ 30.00	$ 1,980.00
4.7	SUBDRAIN, TYPE 1 (LONGITUDINAL SUBDRAIN), PVC, 6"	4,334	LF	$ 14.25	$ 61,759.50	$ 18.00	$ 78,012.00	$ 21.00	$ 91,014.00
4.8	SUBDRAIN OUTLETS AND CONNECTIONS	30	EACH	$ 315.00	$ 9,450.00	$ 300.00	$ 9,000.00	$ 250.00	$ 7,500.00
4.9	SUBDRAIN CLEANOUT, TYPE A-1, PVC, 6"	3	EACH	$ 475.00	$ 1,425.00	$ 900.00	$ 2,700.00	$ 650.00	$ 1,950.00
4.1	SUBDRAIN OUTLET (DR-304)	6	EACH	$ 605.00	$ 3,630.00	$ 700.00	$ 4,200.00	$ 550.00	$ 3,300.00
5.1	HYDRANT ADJUSTED	4	EACH	$ 900.00	$ 3,600.00	$ 2,000.00	$ 8,000.00	$ 4,000.00	$ 16,000.00
5.2	WATER VALVE BOX ADJUSTED	4	EACH	$ 200.00	$ 800.00	$ 400.00	$ 1,600.00	$ 800.00	$ 3,200.00
6.3	STORM SEWER MANHOLE, SW-401, 48"	3	EACH	$ 3,185.00	$ 9,555.00	$ 3,700.00	$ 11,100.00	$ 3,800.00	$ 11,400.00
6.4	STORM SEWER MANHOLE, SW-401, 72"	1	EACH	$ 8,750.00	$ 8,750.00	$ 9,500.00	$ 9,500.00	$ 8,500.00	$ 8,500.00
6.5	STORM SEWER MANHOLE, SW-401, 96"	1	EACH	$ 13,685.00	$ 13,685.00	$ 15,000.00	$ 15,000.00	$ 13,000.00	$ 13,000.00
6.6	STORM SEWER INTAKE, SW-505	18	EACH	$ 4,220.00	$ 75,960.00	$ 5,500.00	$ 99,000.00	$ 5,000.00	$ 90,000.00
6.7	STORM SEWER INTAKE, SW-506	1	EACH	$ 8,975.00	$ 8,975.00	$ 7,400.00	$ 7,400.00	$ 8,000.00	$ 8,000.00
6.8	STORM SEWER INTAKE, SPECIAL	6	EACH	$ 14,025.00	$ 84,150.00	$ 11,000.00	$ 66,000.00	$ 13,000.00	$ 78,000.00
7.1	PCC PAVEMENT, REINFORCED, 8.5"	8,532	SY	$ 67.00	$ 571,644.00	$ 62.00	$ 528,984.00	$ 78.00	$ 665,496.00
7.2	PCC PAVEMENT, REINFORCED, 9"	2,088	SY	$ 95.50	$ 199,404.00	$ 69.00	$ 144,072.00	$ 84.00	$ 175,392.00
7.3	PCC PAVEMENT SAMPLES AND TESTING	1	LS	$ 3,000.00	$ 3,000.00	$ 3,000.00	$ 3,000.00	$ 5,000.00	$ 5,000.00
7.4	GRANULAR SURFACING	313	TON	$ 33.75	$ 10,563.75	$ 31.00	$ 9,703.00	$ 35.00	$ 10,955.00
7.5	SIDEWALK, PCC, 4"	17	SY	$ 62.00	$ 1,054.00	$ 78.00	$ 1,326.00	$ 65.00	$ 1,105.00
7.6	SIDEWALK, PCC, 6"	43	SY	$ 63.00	$ 2,709.00	$ 76.00	$ 3,268.00	$ 65.00	$ 2,795.00
7.7	RECREATIONAL TRAIL, PCC, REINFORCED, 6"	718	SY	$ 49.00	$ 35,182.00	$ 45.00	$ 32,310.00	$ 55.00	$ 39,490.00
7.8	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	718	SY	$ 5.75	$ 4,128.50	$ 4.00	$ 2,872.00	$ 6.00	$ 4,308.00
7.9	DETECTABLE WARNING	50	SF	$ 30.00	$ 1,500.00	$ 40.00	$ 2,000.00	$ 45.00	$ 2,250.00
7.1	REMOVAL OF PAVEMENT	1,395	SY	$ 12.00	$ 16,740.00	$ 10.00	$ 13,950.00	$ 12.00	$ 16,740.00
8.1	TRAFFIC CONTROL	1	LS	$ 30,000.00	$ 30,000.00	$ 10,000.00	$ 10,000.00	$ 75,000.00	$ 75,000.00
8.2	PAINTED PAVEMENT MARK, WATERBORNE/SOLVENT	63	STA	$ 50.00	$ 3,150.00	$ 50.00	$ 3,150.00	$ 45.00	$ 2,835.00
9.1	CONVENTIONAL SEEDING, FERTILIZING AND MULCHING, URBAN	3	ACRE	$ 1,680.00	$ 4,368.00	$ 1,800.00	$ 4,680.00	$ 2,000.00	$ 5,200.00

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
9.2	CONVENTIONAL SEEDING, FERTILIZING AND MULCHING, RURAL	2	ACRE	$ 1,680.00	$ 3,360.00	$ 1,800.00	$ 3,600.00	$ 1,000.00	$ 2,000.00
9.3	CONVENTIONAL SEEDING, FERTILIZING AND MULCHING, TEMPORARY	5	ACRE	$ 710.00	$ 3,266.00	$ 750.00	$ 3,450.00	$ 850.00	$ 3,910.00
9.4	SILT FENCE	8,489	LF	$ 1.60	$ 13,582.40	$ 1.50	$ 12,733.50	$ 1.50	$ 12,733.50
9.5	SILT FENCE FOR DITCH CHECKS	360	LF	$ 2.10	$ 756.00	$ 2.00	$ 720.00	$ 1.50	$ 540.00
9.6	SILT FENCE OR SILT FENCE FOR DITCH CHECKS, REMOVAL OF	8,489	LF	$ 0.10	$ 848.90	$ 0.10	$ 848.90	$ 0.25	$ 2,122.25
9.7	SILT FENCE OR SILT FENCE FOR DITCH CHECKS, REMOVAL OF DEVICE	360	LF	$ 1.60	$ 576.00	$ 2.00	$ 720.00	$ 0.25	$ 90.00
9.8	REVETMENT, CLASS E	22	TON	$ 60.50	$ 1,331.00	$ 98.00	$ 2,156.00	$ 100.00	$ 2,200.00
9.9	WATTLES, STRAW, 12"	5,000	LF	$ 2.10	$ 10,500.00	$ 2.00	$ 10,000.00	$ 2.50	$ 12,500.00
9.10	WATTLES, REMOVED	5,000	LF	$ 0.25	$ 1,250.00	$ 0.20	$ 1,000.00	$ 0.50	$ 2,500.00
9.11	SWPPP	1	LS	$ 3,675.00	$ 3,675.00	$ 4,000.00	$ 4,000.00	$ 5,000.00	$ 5,000.00
9.12	INLET PROTECTION DEVICE, INSTALLATION	25	EACH	$ 115.00	$ 2,875.00	$ 120.00	$ 3,000.00	$ 80.00	$ 2,000.00
9.13	INLET PROTECTION DEVICE, MAINTENANCE	100	EACH	$ 13.25	$ 1,325.00	$ 13.00	$ 1,300.00	$ 40.00	$ 4,000.00
9.14	TURF REINFORCEMENT MATS, TYPE I	18	SQ	$ 68.25	$ 1,228.50	$ 70.00	$ 1,260.00	$ 55.00	$ 990.00
9.15	CONCRETE WASHOUT	1	LS	$ 3,675.00	$ 3,675.00	$ 3,000.00	$ 3,000.00	$ 5,000.00	$ 5,000.00
9.16	FIELD FENCE REMOVAL AND REPLACEMENT	110	LF	$ 21.00	$ 2,310.00	$ 20.00	$ 2,200.00	$ 20.00	$ 2,200.00
11.1	CONSTRUCTION SURVEY	1	LS	$ 8,820.00	$ 8,820.00	$ 16,000.00	$ 16,000.00	$ 27,000.00	$ 27,000.00
11.2	RAILING, FURNISH AND INSTALL	1	LS	$ 2,100.00	$ 2,100.00	$ 15,000.00	$ 15,000.00	$ 12,000.00	$ 12,000.00
	TOTAL				$ 1,691,963.55		$ 1,726,431.40		$ 1,887,928.75

BID TABULATION

PROJECT: South 8th Street, White Crane Road to County Line Road Paving **PROJECT NUMBER: 9083004**

OWNER: City of West Des Moines, Iowa **BID DATE: August 19, 2015**

				Synergy Contracting					
ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
2.1	CLEARING AND GRUBBING	1	LS	$ 5,000.00	$ 5,000.00		$ -		$ -
2.2	EXCAVATION, CLASS 10, ROADWAY AND BORROW	15,991	CY	$ 5.00	$ 79,955.00		$ -		$ -
2.3	TOPSOIL, STRIP, SALVAGE AND SPREAD	3,725	CY	$ 9.00	$ 33,525.00		$ -		$ -
2.4	SUBGRADE PREPARATION	12,065	SY	$ 4.50	$ 54,292.50		$ -		$ -
2.5	MODIFIED SUBBASE, 6"	6,814	SY	$ 10.50	$ 71,547.00		$ -		$ -
2.6	ENGINEERING FABRIC	6,814	SY	$ 3.00	$ 20,442.00		$ -		$ -
2.7	BELOW GRADE EXCAVATION (CORE OUT)	1,815	CY	$ 10.50	$ 19,057.50		$ -		$ -
2.8	SUBGRADE TREATMENT - FLYASH	1,815	SY	$ 30.00	$ 54,450.00		$ -		$ -
4.1	STORM SEWER, TRENCHED, RCP 2000D,15"	970	LF	$ 91.50	$ 88,755.00		$ -		$ -
4.2	STORM SEWER, TRENCHED, RCP 2000D,18"	98	LF	$ 114.00	$ 11,172.00		$ -		$ -
4.3	STORM SEWER, TRENCHED, RCP 2000D,24"	219	LF	$ 114.00	$ 24,966.00		$ -		$ -
4.4	STORM SEWER, TRENCHED, RCP 2000D,30"	243	LF	$ 147.00	$ 35,721.00		$ -		$ -
4.5	STORM SEWER, TRENCHED, RCP 2000D,42"	74	LF	$ 229.50	$ 16,983.00		$ -		$ -
4.6	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN	66	LF	$ 30.00	$ 1,980.00		$ -		$ -
4.7	SUBDRAIN, TYPE I (LONGITUDINAL SUBDRAIN), PVC, 6"	4,334	LF	$ 25.50	$ 110,517.00		$ -		$ -
4.8	SUBDRAIN OUTLETS AND CONNECTIONS	30	EACH	$ 390.00	$ 11,700.00		$ -		$ -
4.9	SUBDRAIN CLEANOUT, TYPE A-1, PVC, 6"	3	EACH	$ 750.00	$ 2,250.00		$ -		$ -
4.10	SUBDRAIN OUTLET (DR-304)	6	EACH	$ 562.50	$ 3,375.00		$ -		$ -
5.1	HYDRANT ADJUSTED	4	EACH	$ 1,500.00	$ 6,000.00		$ -		$ -
5.2	WATER VALVE BOX ADJUSTED	4	EACH	$ 375.00	$ 1,500.00		$ -		$ -
6.3	STORM SEWER MANHOLE, SW-401, 48"	3	EACH	$ 5,250.00	$ 15,750.00		$ -		$ -
6.4	STORM SEWER MANHOLE, SW-401, 72"	1	EACH	$ 11,250.00	$ 11,250.00		$ -		$ -
6.5	STORM SEWER MANHOLE, SW-401, 96"	1	EACH	$ 15,750.00	$ 15,750.00		$ -		$ -
6.6	STORM SEWER INTAKE, SW-505	18	EACH	$ 5,250.00	$ 94,500.00		$ -		$ -
6.7	STORM SEWER INTAKE, SW-506	1	EACH	$ 11,250.00	$ 11,250.00		$ -		$ -
6.8	STORM SEWER INTAKE, SPECIAL	6	EACH	$ 17,250.00	$ 103,500.00		$ -		$ -
7.1	PCC PAVEMENT, REINFORCED, 8.5"	8,532	SY	$ 73.00	$ 622,836.00		$ -		$ -
7.2	PCC PAVEMENT, REINFORCED, 9"	2,088	SY	$ 84.00	$ 175,392.00		$ -		$ -
7.3	PCC PAVEMENT SAMPLES AND TESTING	1	LS	$ 7,500.00	$ 7,500.00		$ -		$ -
7.4	GRANULAR SURFACING	313	TON	$ 30.00	$ 9,390.00		$ -		$ -
7.5	SIDEWALK, PCC, 4"	17	SY	$ 60.00	$ 1,020.00		$ -		$ -
7.6	SIDEWALK, PCC, 6"	43	SY	$ 67.50	$ 2,902.50		$ -		$ -
7.7	RECREATIONAL TRAIL, PCC, REINFORCED, 6"	718	SY	$ 75.00	$ 53,850.00		$ -		$ -
7.8	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	718	SY	$ 4.50	$ 3,231.00		$ -		$ -
7.9	DETECTABLE WARNING	50	SF	$ 52.50	$ 2,625.00		$ -		$ -
7.10	REMOVAL OF PAVEMENT	1,395	SY	$ 12.00	$ 16,740.00		$ -		$ -
8.1	TRAFFIC CONTROL	1	LS	$ 11,250.00	$ 11,250.00		$ -		$ -
8.2	PAINTED PAVEMENT MARK, WATERBORNE/SOLVENT	63	STA	$ 64.50	$ 4,063.50		$ -		$ -
9.1	CONVENTIONAL SEEDING, FERTILIZING AND MULCHING, URBAN	3	ACRE	$ 2,400.00	$ 6,240.00		$ -		$ -

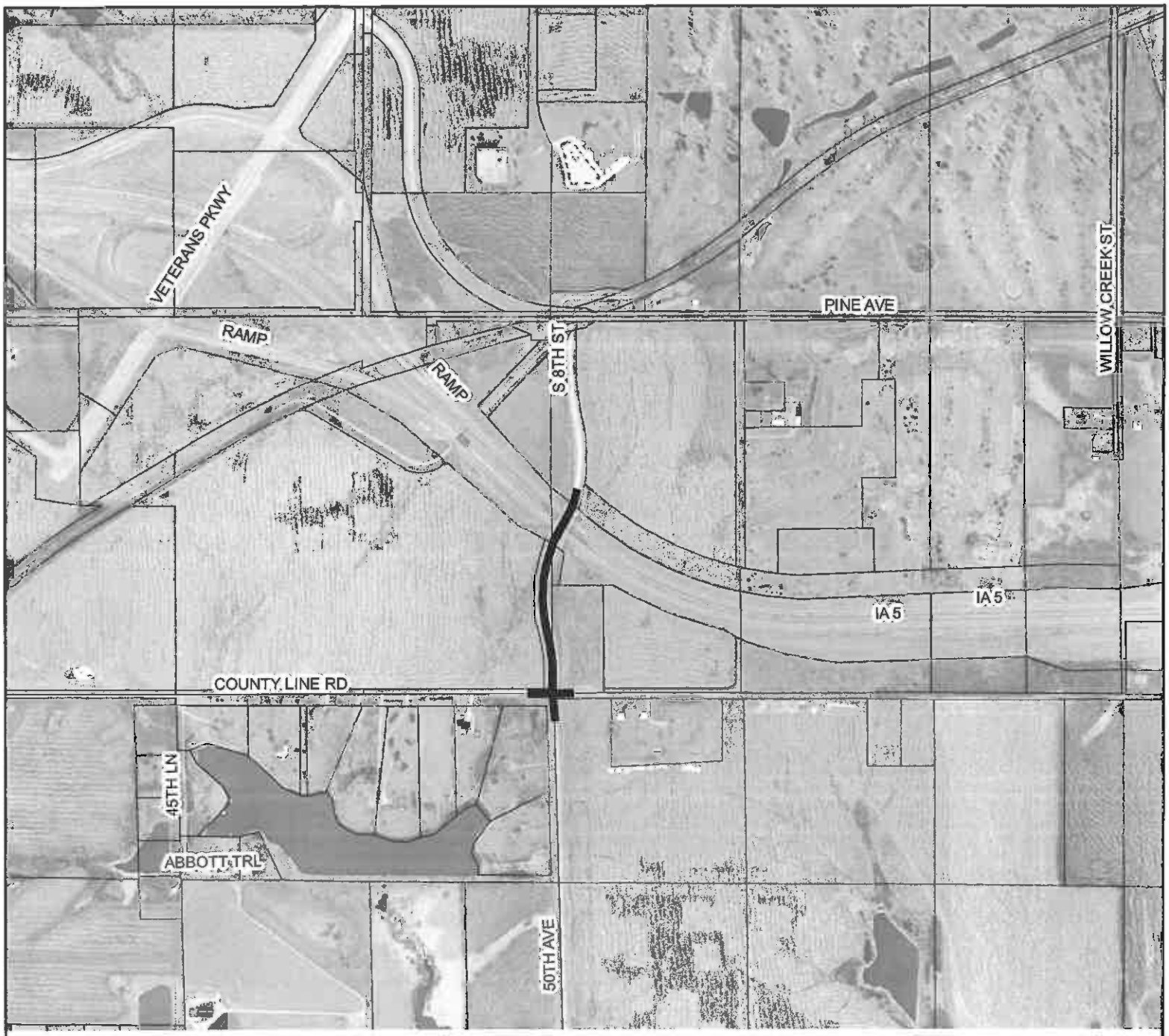
ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
9.2	CONVENTIONAL SEEDING, FERTILIZING AND MULCHING, RURAL	2	ACRE	$ 2,400.00	$ 4,800.00		$ -		$ -
9.3	CONVENTIONAL SEEDING, FERTILIZING AND MULCHING, TEMPORARY	5	ACRE	$ 1,012.50	$ 4,657.50		$ -		$ -
9.4	SILT FENCE	8,489	LF	$ 2.25	$ 19,100.25		$ -		$ -
9.5	SILT FENCE FOR DITCH CHECKS	360	LF	$ 3.00	$ 1,080.00		$ -		$ -
9.6	SILT FENCE OR SILT FENCE FOR DITCH CHECKS, REMOVAL OF	8,489	LF	$ 0.15	$ 1,273.35		$ -		$ -
9.7	SILT FENCE OR SILT FENCE FOR DITCH CHECKS, REMOVAL OF DEVICE	360	LF	$ 2.25	$ 810.00		$ -		$ -
9.8	REVETMENT, CLASS E	22	TON	$ 52.50	$ 1,155.00		$ -		$ -
9.9	WATTLES, STRAW, 12"	5,000	LF	$ 3.00	$ 15,000.00		$ -		$ -
9.10	WATTLES, REMOVED	5,000	LF	$ 0.30	$ 1,500.00		$ -		$ -
9.11	SWPPP	1	LS	$ 5,250.00	$ 5,250.00		$ -		$ -
9.12	INLET PROTECTION DEVICE, INSTALLATION	25	EACH	$ 165.00	$ 4,125.00		$ -		$ -
9.13	INLET PROTECTION DEVICE, MAINTENANCE	100	EACH	$ 18.75	$ 1,875.00		$ -		$ -
9.14	TURF REINFORCEMENT MATS, TYPE I	18	SQ	$ 97.50	$ 1,755.00		$ -		$ -
9.15	CONCRETE WASHOUT	1	LS	$ 1,500.00	$ 1,500.00		$ -		$ -
9.16	FIELD FENCE REMOVAL AND REPLACEMENT	110	LF	$ 22.50	$ 2,475.00		$ -		$ -
11.1	CONSTRUCTION SURVEY	1	LS	$ 17,700.00	$ 17,700.00		$ -		$ -
11.2	RAILING, FURNISH AND INSTALL	1	LS	$ 7,987.50	$ 7,987.50		$ -		$ -
	TOTAL				$ 1,914,271.60		$ -		$ -

I hereby certify that this is a true and correct tabulation of bids
Received August 19, 2015, for South 8th Street, White Crane Road
To County Line Road Paving – City of West Des Moines, Iowa

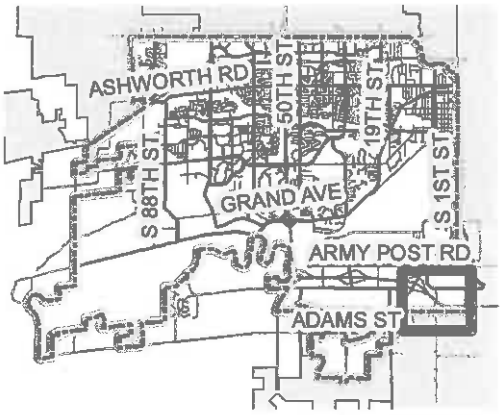
Carl W. Elshire

Carl W. Elshire, P.E. License No. 16588

August 19, 2015
Date



VICINITY MAP



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LEGEND

PROJECT LOCATION ———

THE CITY OF WEST DES MOINES

CITY OF WEST DES MOINES
ENGINEERING SERVICES
4200 MILLS CIVIC PARKWAY
WEST DES MOINES, IOWA 50265
PH: (515) 222-3620 FAX: (515) 273-0602

PROJECT: **S. 8th STREET COUNTY LINE ROAD TO PINE AVENUE**

Project No. 0510-050-2014

LOCATION:

EXHIBIT "A"

DRAWN BY: BJM	DATE: 8/5/2015	SHT. 1 OF 1