CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: May 15, 2017

ITEM:

Resolution - Accepting Work
South 8th Street (SE Soteria Avenue) Improvements
SE White Crane Road to SE County Line Road Paving

FINANCIAL IMPACT:

The total construction cost for the South 8th Street (SE Soteria Avenue) Improvements, SE White Crane Road to SE County Line Road Paving was $1,815,783.83 which was paid from budgeted account no. 500.000.000.5250.490 with ultimate funding intended to come from State RISE funding and the Alluvion TIF. The original cost of the project was $1,691,963.55. There were eight (8) Change Orders on the project that totaled $123,820.28.

BACKGROUND:

Concrete Technologies, Inc., was working under an agreement dated August 10, 2015, for construction services for the South 8th Street Improvements, White Crane Road to County Line Road Paving. Work on this project includes paving of SE SE Soteria Avenue (S. 8th Street) from SE White Crane Road to SE County Line Road and associated work.

This action accepts the public improvements and authorizes staff to pay the retainage no sooner than 30 days.

OUTSTADNING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution Accepting Work for South 8th Street (SE Soteria Avenue) Improvements, SE White Crane Road to SE County Line Road Paving.

Lead Staff Member: Brian J. Hemesath, P.E., Interim City Engineer BJH

STAFF REVIEWS

Department Director	Brian J. Hemesath, P.E., Interim City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed	May 8, 2017		
Recommendation	Yes	No	Split

RESOLUTION ACCEPTING WORK

WHEREAS, on August 10, 2015, the City Council entered into a contract with Concrete Technologies, Inc., of Grimes, Iowa for the following described public improvement:

South 8th Street (SE Soteria Avenue) Improvements, SE White Crane Road to SE County Line Road Paving
Project No. 0510-050-2014

and,

WHEREAS, said contractor has substantially completed the construction of said improvement in accordance with plans and specifications as shown by the report of the City Engineer filed with the City Clerk on May 15, 2017; and,

WHEREAS, the City has retained 5% of the construction costs;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that said report of the City Engineer is hereby approved and said public improvement is accepted as having been substantially completed in accordance with plans and specifications and the total final construction cost of said improvement is $1,815,783.83 as shown in said report, and that the Finance Director is hereby authorized to make payment to the Contractor in the amount of $15,000.00, which includes retainage for the project, no sooner than 30 days subject to the Contractor satisfying all the conditions of the contract.

PASSED AND APPROVED this **15th** day of **May, 2017.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson
City Clerk

Department of Engineering Services
4200 Mills Civic Pkwy, Ste 2E, PO Box 65320
West Des Moines, IA 50265-0320
(515) 222-3475 Fax (515) 273-0602

THE CITY OF
West Des Moines

RETAINAGE PAYMENT

Contractor: **Concrete Technologies, Inc.**

1001 SE 37th Street

Grimes, IA 50111

Project Title	South 8th Street Improvements White Crane Road to County Line Road Paving	
WDM Project File Number	0510-050-2014	
Purchase Order Number	2016-00000117	
Orig. Contract Amount & Date	$1,691,963.55	08/24/15
Estimated Completion Date	05/31/16	
Pay Period	2/3/2017 to 5/15/17	
Pay Request Number	RETAINAGE	
Date	06/12/17	

BID ITEMS

Item No.	Description	Unit	Est. Qty	Unit Price	Extended Price	Quantity Completed	Value Completed
2.1	Clearing and Grubbing	LS	1	$6,250.00	$6,250.00	1.00	$6,250.00
2.2	Excavation, Class 10, Roadway and Borrow	CY	15,991	$5.25	$83,952.75	15,991.00	$83,952.75
2.3	Topsoil, Strip, Salvage and Spread	CY	3,725	$9.45	$35,201.25	3,725.00	$35,201.25
2.4	Subgrade Preparation	SY	12,065	$3.15	$38,004.75	10,754.90	$33,877.94
2.5	Modified Subbase, 6"	SY	6,814	$10.50	$71,547.00	8,777.20	$92,160.60
2.6	Engineering Fabric	SY	6,814	$4.75	$32,366.50	8,777.20	$41,691.70
2.7	Below Grade Excavation (Core Out)	CY	1,815	$10.00	$18,150.00	264.00	$2,640.00
2.8	Subgrade Treatment - Flyash	SY	1,815	$11.55	$20,963.25	1,735.00	$20,039.25
4.1	Storm Sewer, Trenched, RCP 2000D, 15"	LF	970	$82.00	$79,540.00	984.00	$80,688.00
4.2	Storm Sewer, Trenched, RCP 2000D, 18"	LF	98	$93.00	$9,114.00	98.00	$9,114.00
4.3	Storm Sewer, Trenched, RCP 2000D, 24"	LF	219	$110.00	$24,090.00	335.00	$36,850.00
4.4	Storm Sewer, Trenched, RCP 2000D, 30"	LF	243	$114.00	$27,702.00	213.00	$24,282.00
4.5	Storm Sewer, Trenched, RCP 2000D, 42"	LF	74	$238.00	$17,612.00	74.00	$17,612.00
4.6	Remove Storm Sewer Pipe Less Than or Equal to 36 IN.	LF	66	$12.25	$808.50	66.00	$808.50
4.7	Subdrain, Type I (Longitudinal Subdrain), PVC, 6"	LF	4334	$14.25	$61,759.50	3,627.00	$51,684.75
4.8	Subdrain Outlets and Connections	EA	30	$315.00	$9,450.00	30.00	$9,450.00
4.9	Subdrain Cleanout, Type A-1, PVC, 6"	EA	3	$475.00	$1,425.00	4.00	$1,900.00
4.10	Subdrain Outlet (DR-304)	EA	6	$605.00	$3,630.00	8.00	$4,840.00
5.1	Hydrant Adjusted	EA	4	$900.00	$3,600.00	7.00	$6,300.00
5.2	Water Valve Box Adjusted	EA	4	$200.00	$800.00	15.00	$3,000.00
6.3	Storm Sewer Manhole, SW-401, 48"	EA	3	$3,185.00	$9,555.00	2.00	$6,370.00
6.4	Storm Sewer Manhole, SW-401, 72"	EA	1	$8,750.00	$8,750.00	1.00	$8,750.00
6.5	Storm Sewer Manhole, SW-401, 96"	EA	1	$13,685.00	$13,685.00	1.00	$13,685.00
6.6	Storm Sewer Intake, SW-505	EA	18	$4,220.00	$75,960.00	18.00	$75,960.00
6.7	Storm Sewer Intake, SW-506	EA	1	$8,975.00	$8,975.00	2.00	$17,950.00
6.8	Storm Sewer Intake, Special	EA	6	$14,025.00	$84,150.00	7.00	$98,175.00
7.1	PCC Pavement, Reinforced, 8.5"	SY	8,532	$67.00	$571,644.00	9,181.80	$615,180.60
7.2	PCC Pavement, Reinforced, 9"	SY	2,088	$95.50	$199,404.00	1,847.50	$176,436.25
7.3	PCC Pavement Samples and Testing	LS	1	$3,000.00	$3,000.00	1.00	$3,000.00
7.4	Granular Surfacing	TON	313	$33.75	$10,563.75	298.68	$10,080.45
7.5	Sidewalk, PCC, 4"	SY	17	$62.00	$1,054.00	65.80	$4,079.60
7.6	Sidewalk, PCC, 6"	SY	43	$63.00	$2,709.00	15.80	$995.40
7.7	Recreational Trail, PCC, Reinforced, 6"	SY	718	$49.00	$35,182.00	563.60	$27,616.40

7.8	Special Compaction of Subgrade for Recreational Trail	SY	718	$5.75	$4,128.50	718.00	$4,128.50
7.9	Detectable Warning	SF	50	$30.00	$1,500.00	42.00	$1,260.00
7.10	Removal of Pavement	SY	1395	$12.00	$16,740.00	1,374.00	$16,488.00
8.1	Traffic Control	LS	1	$30,000.00	$30,000.00	1.00	$30,000.00
8.2	Painted Pavement Mark, Waterborne/Solvent	STA	63	$50.00	$3,150.00	47.65	$2,382.50
9.1	Conventional Seeding, Fertilizing, and Mulching, Urban	ACRE	2.6	$1,680.00	$4,368.00	1.87	$3,141.60
9.2	Conventional Seeding, Fertilizing, and Mulching, Rural	ACRE	2	$1,680.00	$3,360.00	4.53	$7,610.40
9.3	Conventional Seeding, Fertilizing, and Mulching, Temporary	ACRE	4.6	$710.00	$3,266.00	4.60	$3,266.00
9.4	Silt Fence	LF	8,489	$1.60	$13,582.40	1,736.00	$2,777.60
9.5	Silt Fence for Ditch Checks	LF	360	$2.10	$756.00		$0.00
9.6	Silt Fence or Silt Fence for Ditch Checks, Removal Of	LF	8,489	$0.10	$848.90		$0.00
9.7	Silt Fence or Silt Fence for Ditch Checks, Removal of Device	LF	360	$1.60	$576.00	271.00	$433.60
9.8	Revetment, Class E	TON	22	$60.50	$1,331.00	17.02	$1,029.71
9.9	Wattles, Straw, 12"	LF	5,000	$2.10	$10,500.00	334.00	$701.40
9.10	Wattles, Removed	LF	5,000	$0.25	$1,250.00		$0.00
9.11	SWPPP	LS	1	$3,675.00	$3,675.00	1.00	$3,675.00
9.12	Inlet Protection Device, Installation	EA	25	$115.00	$2,875.00	34.00	$3,910.00
9.13	Inlet Protection Device, Maintenance	EA	100	$13.25	$1,325.00	10.00	$132.50
9.14	Turf Reinforcement Mats, Type 1	SQ	18	$68.25	$1,228.50	2.10	$143.33
9.15	Concrete Washout	LS	1	$3,675.00	$3,675.00	1.00	$3,675.00
9.16	Field Fence Removal and Replacement	LF	110	$21.00	$2,310.00	340.00	$7,140.00
11.1	Construction Survey	LS	1	$8,820.00	$8,820.00	1.00	$8,820.00
11.2	Railing, Furnish and Install	LS	1	$2,100.00	$2,100.00	1.00	$2,100.00
CO 1.1	Additional Grading	LS	1	$4,400.00	$4,400.00	1.00	$4,400.00
CO 1.2	Cut Opening in MH S-3A for 15"	LS	1	$750.00	$750.00	1.00	$750.00
CO 1.3	Plug Approved Opening in S-5A	LS	1	$500.00	$500.00	1.00	$500.00
CO 1.4	Cut Opening & Connect 24" RCP in S-5A	LS	1	$1,500.00	$1,500.00	1.00	$1,500.00
CO 2.1	Connection to Existing Intake-Core Drill	EA	2	$500.00	$1,000.00	2.00	$1,000.00
CO 2.2	Field Tile Line Extension to Connect to Intakes	LF	100	$15.00	$1,500.00	100.00	$1,500.00
CO 2.3	Prime Contractor 10% Markup for CO #2	LS	1	$250.00	$250.00	1.00	$250.00
CO 3.1	Relocate Blow Off Hydrant	LS	1	$11,385.00	$11,385.00	1.00	$11,385.00
CO 4.1	Relocate Fiber Optics through Maffitt Lake Road Intersection	LS	1	$1,400.00	$1,400.00	1.00	$1,400.00
CO 5.1	Excavation, Class 10, Roadway and Borrow	CY	12469	$5.25	$65,462.25	12,469.00	$65,462.25
CO 6.1	8'x8'x2' Granular Drain Pads	EA	4	$1,050.00	$4,200.00	4.00	$4,200.00
				TOTAL	$1,784,310.80		$1,815,783.83

MATERIALS STORED SUMMARY

			Description	# of Units	Unit Price	Extended Cost
			Reinforcement Steel for Pavement	0	$1.00	$0.00
			Reinforcement Steel for Pavement	0	$1.00	$0.00
					TOTAL	$0.00

PAY REQUEST SUMMARY

	Total Approved	Total Completed
Contract Price	$1,691,963.55	$1,815,783.83
Approved Change Order 1	$7,150.00	
Approved Change Order 2	$2,750.00	
Approved Change Order 3	$11,385.00	
Approved Change Order 4	$1,400.00	
Approved Change Order 5	$65,462.25	

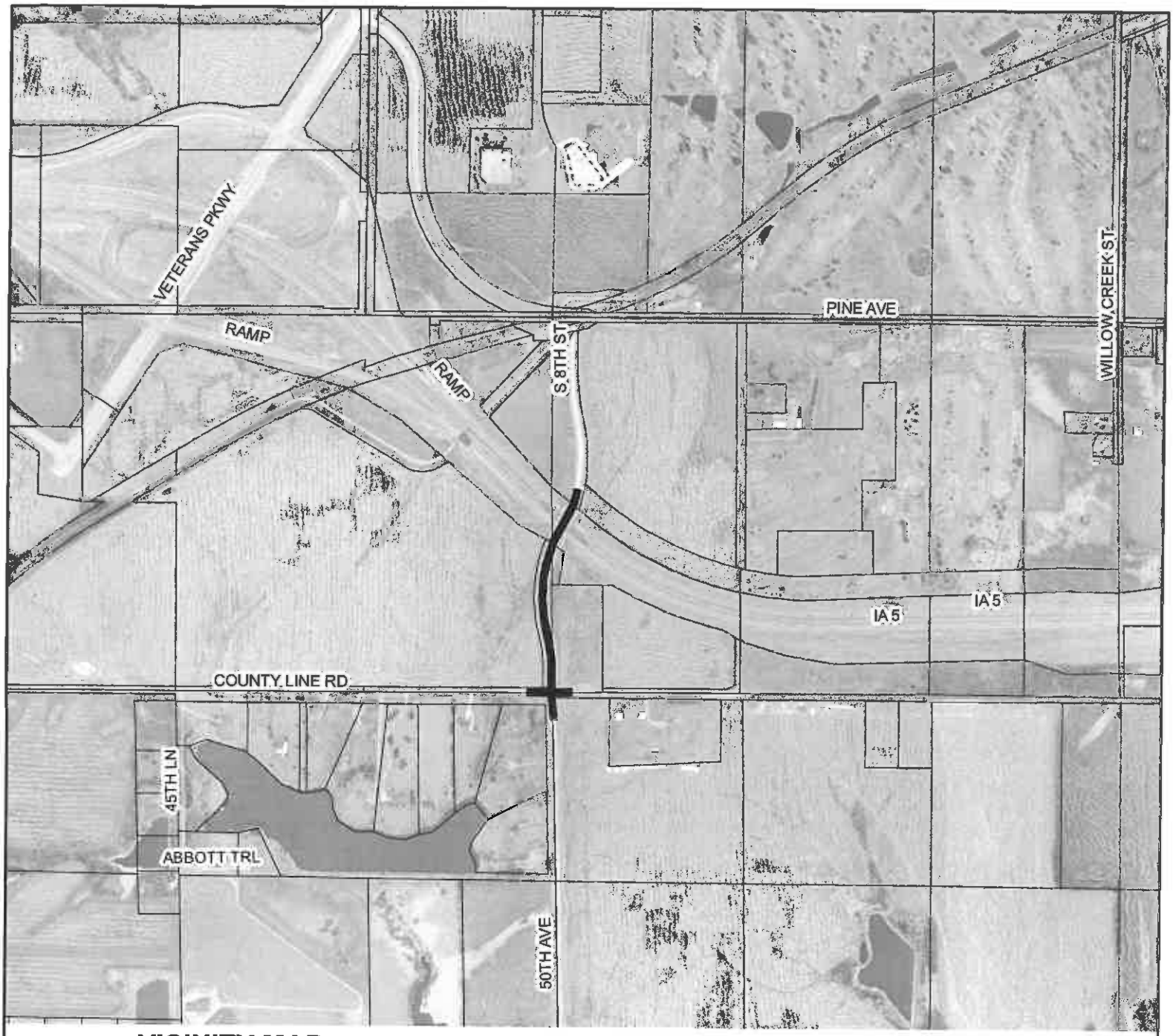
Approved Change Order 6	$26,107.29	
Approved Change Order 7	$8,700.74	
Approved Change Order 8	$865.00	
Revised Contract Price	$1,815,783.83	$1,815,783.83
	Materials Stored	$0.00
	Retainage (5%)	$0.00
	Total Earned Less Retainage	$1,815,783.83

Total Previously Approved (list each)		
Pay Request 1	$19,172.43	
Pay Request 2	$199,394.55	
Pay Request 3	$177,504.60	
Pay Request 4	$107,172.44	
Pay Request 5	$240,094.12	
Pay Request 6	$8,863.02	
Pay Request 7	$20,616.77	
Pay Request 8	$10,000.94	
Pay Request 9	$42,147.33	
Pay Request 10	$2,612.50	
Pay Request 11	$4,459.49	
Pay Request 12	$102,422.47	
Pay Request 13	$213,832.94	
Pay Request 14	$126,321.98	
Pay Request 15	$362,931.86	
Pay Request 16	$60,737.30	
Pay Request 17	$28,062.67	
Partial Retainage Payment	$74,436.42	

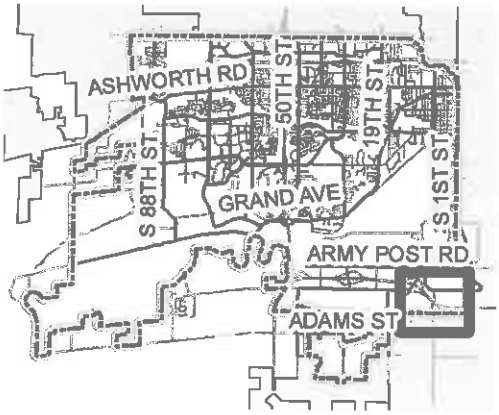
Total Previously Approved	$1,800,783.83
Amount Due This Request	**$15,000.00**
Percent Complete	**100%**
Percent of Contract Period Utilized	**100%**

The amount $15,000.00 is recommended for approval for payment in accordance with the terms of the Contract

Contractor:	**Recommended By:**	**Checked By:**
Concrete Technologies, Inc.	**MSA Professional Services**	**City of West Des Moines**
Signature:	**Signature:**	**Signature:**
Name:	**Name:**	**Name: Brian J. Hemesath, P.E.**
Title:	**Title:**	**Title: Interim City Engineer**
Date:	**Date:**	**Date:** 5.10.17



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