CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: February 20, 2018

ITEM:

Motion – Approving Change Order #13
South 60th Street Improvements – Phase 1
Concrete Technologies, Inc.

FINANCIAL IMPACT:

Contract Summary:

Description	Amount	Date Approved	Remarks
Construction Contract	$4,373,268.62	May 16, 2016	
Change Order 1	$1,430.00	August 8, 2016	Foundation & debris removal
Change Order 2	$4,873.00	September 19, 2016	Leon electrical service
Change Order 3	$12,870.00	September 28, 2016	Foundation & debris removal
Change Order 4	$231,000.00	October 7, 2016	Soil stabilization
Change Order 5	$6,570.55	October 14, 2016	Storm sewer piping revisions
Change Order 6	($120,654.50)	November 21, 2016	Pavement modifications
Change Order 7	$4,900.50	December 12, 2016	Snow removal services
Change Order 8	$10,306.58	May 2, 2017	Additional excavation
Change Order 9	$3,951.20	May 10, 2017	Additional survey
Change Order 10	$67,393.38	June 12, 2017	Additional items for delays
Change Order 11	$11,000.00	June 14, 2017	Temp. water & tree removal
Change Order 12	$15,533.50	September 13, 2017	Retaining wall modifications
Change Order 13	$69,220.93	Pending	Final quantity adjustments
Total	**$4,691,663.76**		

Cost for this change order items will be paid from account no. 500.000.000.5250.490 with the ultimate funding intended to come from General Obligation Bonds and TIF.

BACKGROUND:

Change order #13 is for reconciliation of estimated quantities with actual quantities installed and work performed.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Motion Approving Change Order #13 for South 60th Street Improvements - Phase 1.

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 JBW
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed	February 12, 2018		
Recommendation	Yes	No	Split

CITY OF WEST DES MOINES

Department of Engineering Services
4200 Mills Civic Parkway, Ste 2E
Wes Des Moines, IA 50265-0320
(515) 222-3475 Fax (515) 273-0603

CHANGE ORDER 13

Distribution:

Owner X
Engine X
Contra X
Other

Contractor: **Concrete Technologies, Inc.**
1001 SE 37th Street
Grimes, IA 50111

Project Title	**South 60th Street Improvements Phase I Grand Avenue to Mills Civic Parkway**	
WDM Project File Number	**0510-021-2014**	
Purchase Order Number	**2018-00000095**	
Orig. Contract Amount & Date	**$4,373,268.62**	**May 16, 2016**
Change Order Number	**13**	
Date	**February 13, 2018**	

The contract is changed as follows:
This Change Order Consists of a reconciliation of estimated quantities with actual quantities installed and/or work performed.

	Description	Unit	Unit Price	Quantity Adjustment	Value Adjustment
2.3	Excavation, Class 10, Roadway & Borrow	CY	$4.80	12661.00	$60,772.80
2.4	Excavation, Unsuitable or Unstable Material, Waste	CY	$5.50	1986.00	$10,923.00
2.7	Modified subbase	CY	$43.10	477.56	$20,582.84
2.10	Removal of Culvert Less than or equal to 36 In.	LF	$42.40	187.00	$7,928.80
2.11	Fill and Plug Storm Sewer, 18 in.	LF	$44.25	(40.00)	($1,770.00)
2.14	Removal of Foundation Footings & Debris	EACH	$1,430.00	3.00	$4,290.00
3.1	Rock Excavation	CY	$35.70	221.97	$7,924.33
3.2	Trench Foundation	TON	$27.00	(407.43)	($11,000.61)
4.2	Sanitary Sewer Service Stub, 4 in..	LF	$146.75	8.00	$1,174.00
4.4	Storm Sewer, trenched, RCP, Class III, 24 In.	LF	$124.25	(109.00)	($13,543.25)
4.6	Storm Sewer, trenched, RCP, Class III, 36 In.	LF	$156.50	(7.00)	($1,095.50)
4.8	Storm Sewer, trenched, RCP, Class V, 15 In.	LF	$74.90	(44.00)	($3,295.60)
4.11	Storm Sewer, trenched, RCAP, Class III, 44x27 IN.	LF	$181.00	(8.00)	($1,448.00)
4.14	Pipe Apron, Concrete, 15 IN.	EACH	$1,450.00	(2.00)	($2,900.00)
4.26	Field Tile Repair and Fittings, PVC, Unspecified dia.	LF	$14.25	(258.43)	($3,682.63)
4.27	Subdrain, 6 In. PVC, Case A	LF	$14.50	(87.00)	($1,261.50)
4.28	Subdrain, 6 In. PVC, Case B	LF	$14.50	402.00	$5,829.00
4.29	Subdrain, 6 In. PVC, Backslope	LF	$17.00	(1075.00)	($18,275.00)
4.30	Subdrain Cleanout, Type A-1	EACH	$445.00	(1.00)	($445.00)
4.31	Subdrain outlet, CMP	EACH	$470.00	(2.00)	($940.00)
4.32	Subdrain Connection to intake or storm sewer	EACH	$401.50	1.00	$401.50
5.2	Water Main, Trenched, Restrained Joint, PVC C900, DR18, 12 IN.	LF	$91.60	(90.00)	($8,244.00)
5.3	Water Main, Trenched, Unrestrained Joint, PVC C905, DR18, 16 IN.	LF	$55.60	(180.00)	($10,008.00)
5.6	Water Main Fittings, Relocate	EACH	$1,275.00	(1.00)	($1,275.00)
5.7	Water Service Stub, Copper, 1 IN. Near Side Connect	EACH	$675.00	1.00	$675.00
5.8	Water Service Stub, Copper, 1 IN. Far Side Connect	EACH	$725.00	(1.00)	($725.00)
5.9	Water Service Stub, Copper, 1 IN.	LF	$28.25	(59.90)	($1,692.18)
5.12	Valve, Gate, 12 In.	EACH	$2,350.00	(1.00)	($2,350.00)
5.15	Flushing Device (Blowoff), Relocate	EACH	$2,010.00	(1.00)	($2,010.00)
5.16	Remove existing Fire Hydrant Assembly	EACH	$2,025.00	1.00	$2,025.00
7.1	Pavement, Reinforced PCC, Class C-SUD, 10 In.	SY	$71.25	(28.42)	($2,024.93)
7.2	Pavement, PCC, Class C, 7 IN.	SY	$58.00	(497.00)	($28,826.00)
7.4	Granular Surfacing	TON	$21.80	(246.05)	($5,363.89)
7.5	Removal of Sidewalk, Shared use path or driveway	SY	$3.70	293.23	$1,084.95
7.6	Shared Use path, reinfroced PCC, 6 in,.	SY	$36.75	1197.60	$44,011.80
7.7	Detectable warnings	SF	$36.75	122.00	$4,483.50

7.8	Driveway, Paved, PCC, 6 in.	SY	$40.00	378.83	$15,153.20
7.9	Pavement Removal	SY	$4.75	(1789.14)	($8,498.42)
7.10	Temporary Granular Surfacing	TON	$32.75	398.77	$13,059.72
7.11	Cold Weather Pavement Protection, Hot Water for PCC Mixture	CY	$7.25	(39.00)	($282.75)
7.12	Cold Weather Pavement Protection, First Layer of Burlap	SY	$4.50	(110.38)	($496.71)
7.13	Cold Weather Pavement Protection, Second Layer of Burlap	SY	$1.50	(1441.33)	($2,162.00)
8.3	Temporary Barrier Rail	LF	$27.50	87.50	$2,406.25
9.2	Hydraulic Seeding, Fert. & Mulch, Type 2 (perm. Cool Season Mix)	ACRE	$2,520.00	(1.10)	($2,772.00)
9.3	Hydraulic Seeding, Fert. & Mulch, Type 4 (Urban Temp.l Erosion Control mix)	ACRE	$1,470.00	(3.08)	($4,534.95)
9.6	Filter Socks, 12 IN., Installation	LF	$2.65	4497.00	$11,917.05
9.7	Filter Socks, 12 In., Maintenance and Removal	LF	$0.25	4497.00	$1,124.25
9.8	Temporary Rolled Erosion Control Products (RECP)	LF	$1.25	(1148.00)	($1,435.00)
9.9	Rock Check Dams	TON	$60.37	177.86	$10,737.41
9.10	Rip Rap, Class E	TON	$55.00	34.93	$1,921.15
9.11	Silt Fence, Installation	LF	$1.60	(5654.00)	($9,046.40)
9.12	Silt, Fence, Removal of Sediment	LF	$0.10	(9831.00)	($983.10)
9.13	Silt Fence, Removal of Device	LF	$0.25	(7387.00)	($1,846.75)
9.14	Erosion Control Mulching, Conventional Mulching	Acre	$420.00	(12.26)	($5,148.78)
11.2	Painted Pavement Markings, Waterborne/Solvent	STA	$59.00	77.66	$4,583.12
11.3	Painted Pavement Markings, Durable	STA	$84.00	(1.50)	($126.00)
11.4	Painted Symbols & Legends, Waterborne/Solvent	EACH	$85.00	14.00	$1,190.00
11.5	Painted Symbols & Legends, Durable	EACH	$147.00	(6.00)	($882.00)
11.6	Grooved Cut for Pavement Markings	STA	$31.50	(1.60)	($47.25)
11.7	Grooved Cut for symbols and Legends	EACH	$94.50	(6.00)	($567.00)
CO 7.1	Skid Loader and Operator with Snow Bucket	HOUR	$93.50	(22.00)	($2,057.00)
CO 7.2	Snow Plow Truck with V Blade and Operator	HOUR	$90.75	(9.00)	($816.75)
CO 7.3	Skid Loader with Operator and Snow Blower	HOUR	$165.00	(10.00)	($1,650.00)
CO 12.1	Modular Block Retaining Wall	SF	$26.40	(17.00)	($448.80)
CO 13.1	Mobilization for Leader Construction regarding additional Ped. Ramp work/Murphy	LS	$1,000.00	1.00	$1,000.00
			TOTAL		**$69,220.93**

CHANGE ORDER SUMMARY

The Original Contract Sum was	$4,373,268.62
Net Change by previously authorized Change Orders	$249,174.21
The Contract Sum prior to This Change Order was	$4,622,442.83
The Contract Sum will be **increased** by this Change Order in the amount of	$69,220.93
The new Contract Sum including this Change Order will be	**$4,691,663.76**
Aggregate Change Order as a percent of Original Contract (if greater than 10% of the original contract, Council Subcommittee recommendation and all signatures through the full Council are required)	7.28%
The Contract Time will be **changed** by	0
The date of Final Completion as of the date of this Change Order therefore is	October 15,2017

NOT VALID UNTIL SIGNED BY THE CONTRACTOR, OWNER'S REPRESENTATIVE (if applicable) AND OWNER

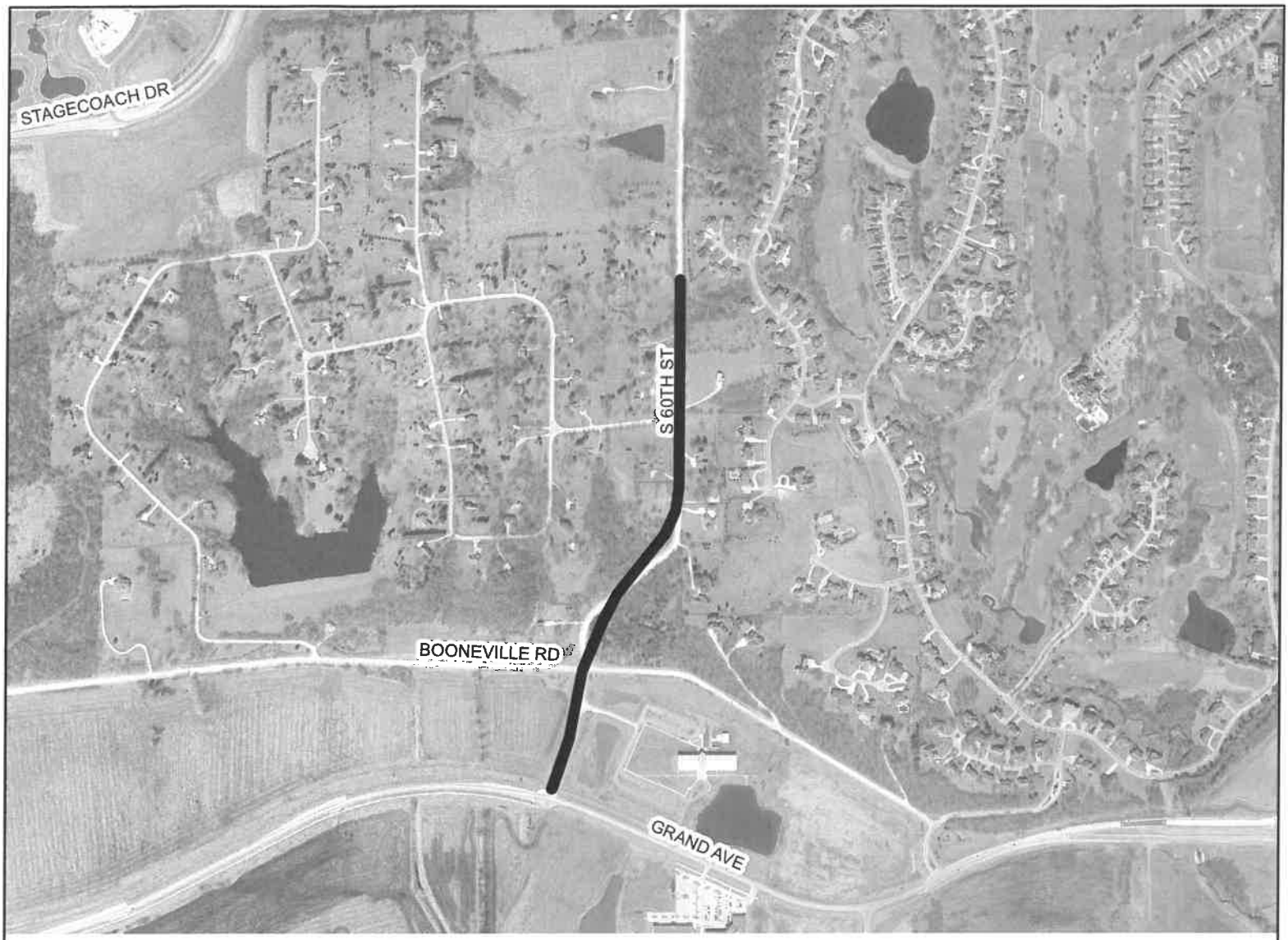
Contractor:	**Recommended By:**	**Checked By:**
Concrete Technologies, Inc.	**Foth Infrastructure & Environment, LLC**	**City of West Des Moines**
Signature:	Signature:	Signature:
Name: Trent Petersen	Name: Bradley D. Hopkey, P.E.	Name: Brian J. Hemesath,, P.E.
Title: Project Manager	Title: Lead Engineer	Title: Interim City Engineer
Date:	Date:	Date:

Owner: **City of West Des Moines**

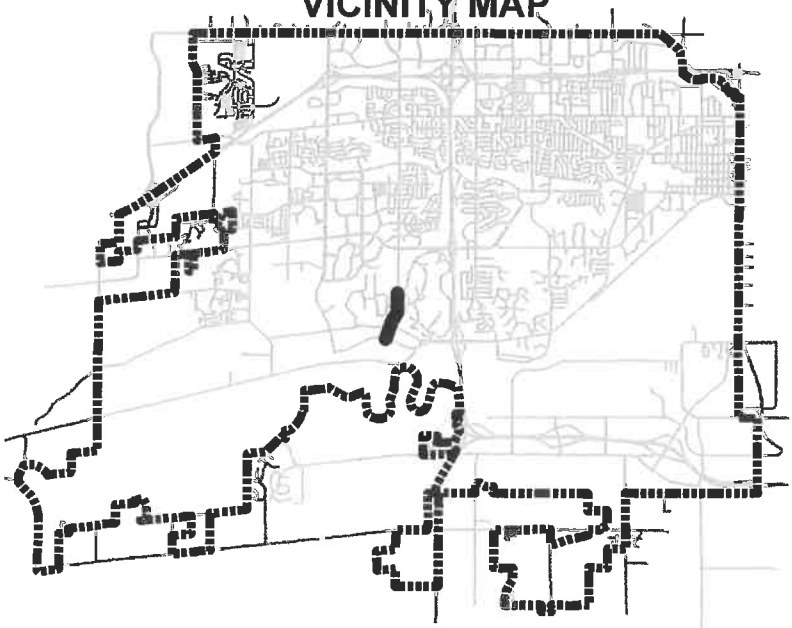
☐ ≤ $24,999.99 City Engineer (≤ 10% original contract) X_____ Date_____

☐ $25,000 to 49,999.99 City Manager X_____ Date_____

☐ $50,000 City Council approved or ratified at Council Date_____



VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:	**South 60th Street Improvements Phase 1**		
LOCATION:	**South 60th Street - Grand Avenue North to Project Limit**		
DRAWN BY: JDR	DATE: 6/5/2017	PROJECT: 0510-021-2014	SHT. 1 of 1