CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: April 20, 2020

ITEM:

Motion – Approving Change Order #9
Grand Avenue – South Jordan Creek Parkway to South 88th Street

FINANCIAL IMPACT:

Contract Summary:

Description	Amount	Date Approved	Remarks
Construction Contract	$5,965,050.00	May 6, 2019	
Change Order #1	($50,510.25)	June 17, 2019	JUT Revisions
Change Order #2	$11,000.00	August 5, 2019	Fiber Encasement
Change Order #3	$2,200.00	August 5, 2019	Additional Tree Clearing
Change Order #4	$26,555.35	August 5, 2019	Class 10 Excavation
Change Order #5	$9,808.00	August 19, 2020	Storm Sewer Conflict
Change Order #6	($78,190.00)	August 19, 2019	JUT Revisions
Change Order #7	$14,931.73	October 21, 2019	Field Entrance
Change Order #8	$2,200.00	January 21, 2020	Potholing Utilities
Change Order #9	$176,944.00	Pending	Sewer Stubs under Grand
Total	**$6,079,988.83**		

Costs for these change order items will be paid from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Mills Parkway Subdistrict #7 TIF Funds

BACKGROUND:

The project generally includes construction of Grand Avenue from South Jordan Creek Parkway to South 88th Street.

Change order #9 includes the installation of two (2) 12-inch sanitary sewer stubs under Grand Avenue prior to paving that will eventually be extended as part of the Grand Avenue West Segment 3 & 4 Sewer Improvements in coordination with the planned Des Moines University development. High groundwater table will require dewatering, sandy soils will require larger trenches, multiple utility crossings will slow production, and connection to WRA manholes will require extra measures be taken, all accounting for the increased risk and costs of this type of work. City Staff recommend approval of Change Order #9.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Motion Approving Change Order #9 for Grand Avenue – South Jordan Creek Parkway to South 88th Street.

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

STAFF REVIEWS

Department Director	Brian J. Hemesath, P.E., City Engineer
Appropriations/Finance	Tim Stiles, Finance Director TS
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	April 13, 2020		
Recommendation	Yes	No	Split

CITY OF WEST DES MOINES

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

CHANGE ORDER

Distribution:
Owner X
Engineer X
Contractor X
Other ____

Contractor: **McAninch Corporation**
4001 Delaware Avenue
Des Moines, Iowa 50313-2543

Project Title	Grand Avenue Improvements	
WDM Project File Number	8510-056-2018	
Purchase Order Number	2018-00000890	
Orig. Contract Amount & Date	$5,965,050.00	May 14, 2019
Change Order Number	9	
Date	April 14, 2020	

THE CONTRACT IS CHANGED AS FOLLOWS: CO 9: The change order includes installing two 12-inch sanitary sewer crossings along Grand Avenue that will serve Segments 3 and 4 of the Grand Avenue West Sewer Improvements not previously included as part of this contract. Segment 3 crosses at approximate Station 54+27 and Segment 4 crosses at approximate Station 33+24. This work includes extending the sanitary sewer line from the existing manholes on the south side of Grand Avenue to the north right-of-way line by the use of ductile iron pipe and PVC Truss pipe as well as connecting to the existing sanitary sewer manholes. All construction shall comply with the SUDAS specifications except as modified by the "Policy for Connections to the WRA Conveyance System."

In addition, the work included as part of the change will involve capping the proposed sanitary sewer line at the north right-of-way limits to accomodate the future build, constructing either a water main grade concrete collar or Smith-Blair transition coupling for connecting the ductile iron pipe and PVC truss pipe to avoid differential settlement between the pipes, and potholing all utilities in conflict with the proposed sanitary sewer line.

Item	Description	Unit	Unit Price	Quantity Adjustment	Value Adjustment
CO 9.01	Remobilization	Each	$8,250.00	1	$8,250.00
CO 9.02	Support Joint Utility Trench	LS	$9,000.00	1	$9,000.00
CO 9.03	Backfill Joint Utility Trench	LS	$8,645.00	1	$8,645.00
CO 9.04	Excavate and Support Water Main	LS	$4,550.00	1	$4,550.00
CO 9.05	Excavate and Support Fiber Optic Line	LS	$9,065.00	1	$9,065.00
CO 9.06	Engineered Trench Design	LS	$1,100.00	1	$1,100.00
CO 9.07	Connection to Existing Manhole	Each	$9,100.00	2	$18,200.00
CO 9.08	Reweld T-Loc in Manhole	Each	$1,430.00	2	$2,860.00
CO 9.09	Sanitary Sewer Gravity Main, Trenched, Ductile Iron Pipe (DIP), 12 in.	LF	$233.00	30	$6,990.00
CO 9.10	Sanitary Sewer Gravity Main, Trenched, Polyvinyl Chloride Composite Pipe (truss type PVC), 12 in.	LF	$135.00	280	$37,800.00
CO 9.11	Potholing for Existing Utilities	Each	$1,878.00	5	$9,390.00
CO 9.12	Dewatering	LS	$54,000.00	1	$54,000.00
CO 9.13	Televising	LS	$1,200.00	1	$1,200.00
CO 9.14	Testing of Sanitary Sewer	LS	$3,140.00	1	$3,140.00
CO 9.15	Maintenance Bond	LS	$2,754.00	1	$2,754.00
				TOTAL	$176,944.00

CHANGE ORDER SUMMARY	
The Original Contract Sum was	$5,965,050.00
Net Change by previously authorized Change Orders	($62,005.17)
The Contract Sum prior to This Change Order was	$5,903,044.83
The Contract Sum will be increased by this Change Order in the amount of	$176,944.00
The new Contract Sum including this Change Order will be	$6,079,988.83
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)	1.93%
The Contract Time will be changed by	0 Days
The date of Final Completion as of the date of this Change Order therefore is	September 15, 2020

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

Contractor:	Recommended By:	Checked By:
McAninch Corp.	Olsson	City of West Des Moines
Signature: Edward Origer	Signature: James Gallagher	Signature:
Name: Edward Origer	Name: James Gallagher	Name: Brian Hemesath
Title: Chief Operating Officer	Title: Project Manager	Title: City Engineer
Date: Apr 14, 2020	Date: Apr 14, 2020	Date: Apr 14, 2020

Owner: City of West Des Moines

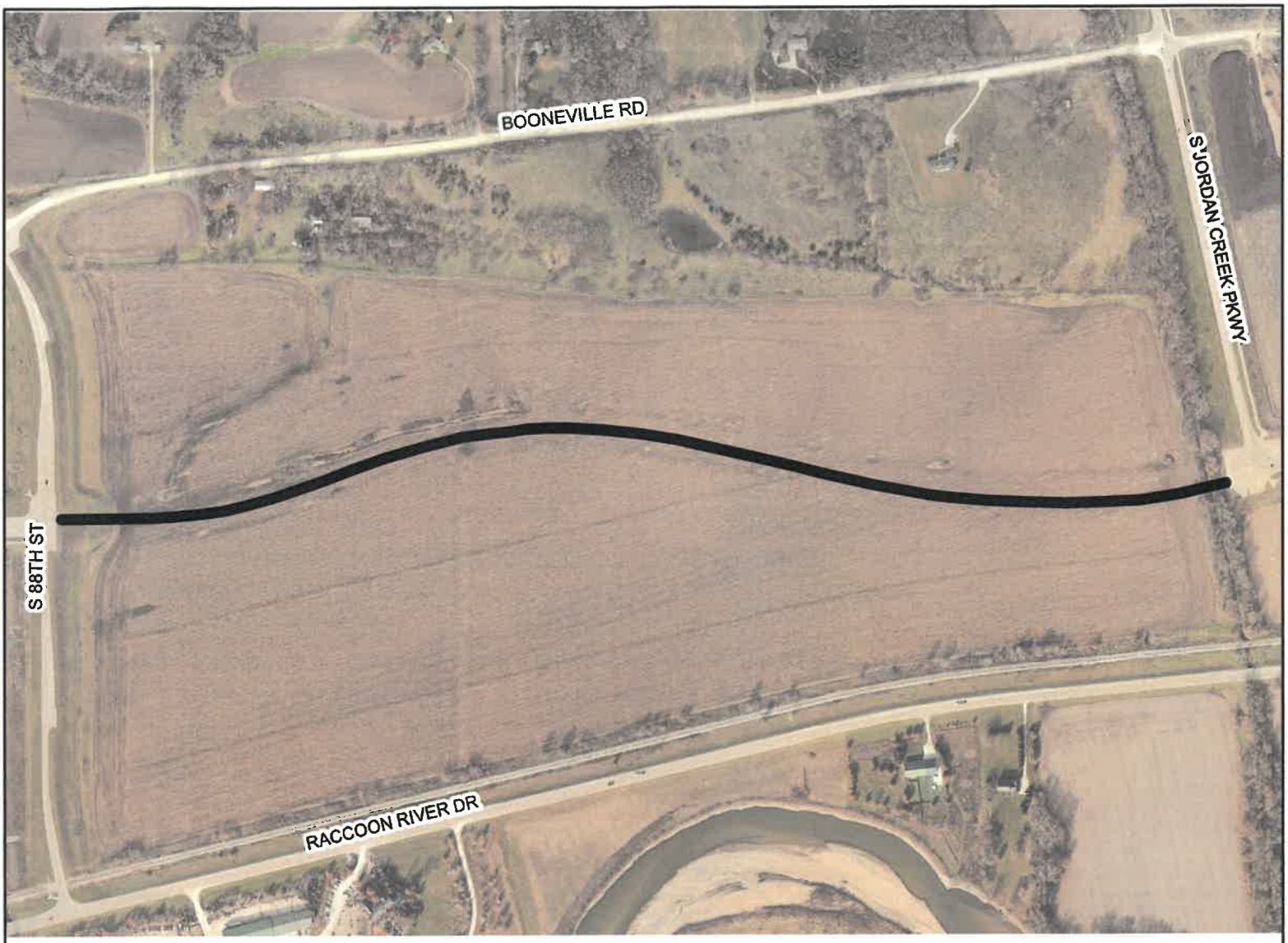
☐ ≤	$24,999.99 City Engineer (≤ 10% original contract)	x_____	Date _____
☐ ≥	$25,000 to $50,000 City Council approved or ratified at Council		Date_____

Signature: Clint Carpenter
Clint Carpenter (Apr 14, 2020)

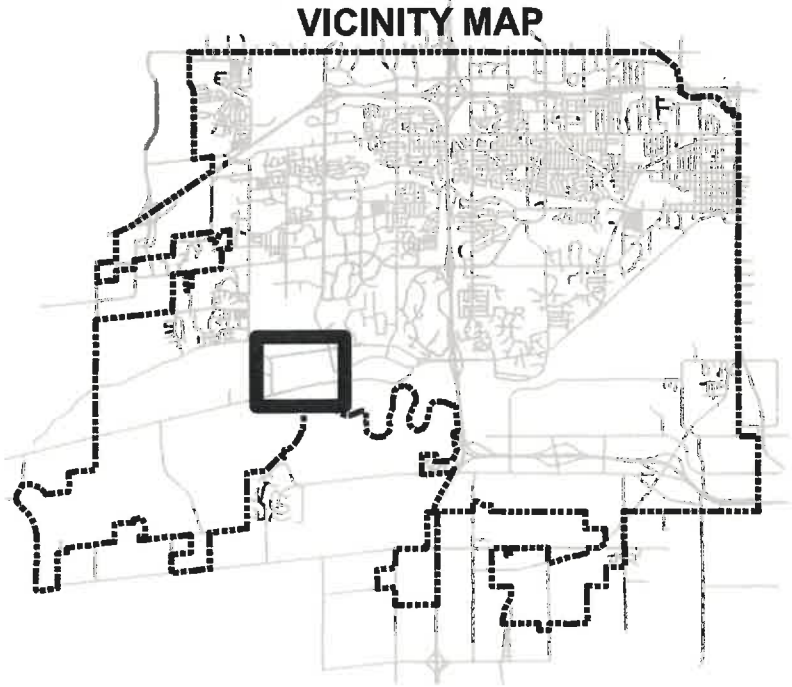
Email: clint.carpenter@wdm.iowa.gov

Signature: Jason M. Schlickbernd
Jason M. Schlickbernd (Apr 14, 2020)

Email: jason.schlickbernd@wdm.iowa.gov



VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:

Grand Avenue - S. Jordan Creek Pkwy to S. 88th St

LOCATION: Exhibit "A"

DRAWN BY: JDR	DATE: 10/2/2018	PROJECT NUMBER/NAME: 0510-056-2018	SHT. 1 of 1