CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: February 17, 2020

ITEM:

Public Hearing (5:35 p.m.)
Grand Avenue – South Jordan Creek Parkway to South 88th Street (Phase 2)

FINANCIAL IMPACT:

The revised Engineering Estimate of Construction Cost was estimated to be $1,992,154.69 for the Grand Avenue – South Jordan Creek Parkway to South 88th Street (Phase 2). There were five (5) bids submitted with the low bid of $1,412,000.00 being submitted by McAninch Corporation of Des Moines, Iowa. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Mills Parkway Subdistrict #7 TIF Funds.

BACKGROUND:

Phase 2 of the construction of Grand Avenue from South Jordan Creek Parkway to South 88th Street will include grading for the northern three (3) lanes of an ultimate six-lane urban divided roadway with median, associated storm sewer, utility adjustments, and other miscellaneous work. Work on Phase 2 could not be completed earlier due to permitting of wetland impacts. Close coordination with the proposed Des Moines University development, proposed MidAmerican Energy RecPlex project, and West Public Services Facility project is ongoing. The project is anticipated to be complete by November 15, 2020.

Phase 1 is also being completed by McAninch Corporation and includes grading and paving of the southern three (3) lanes of an ultimate six-lane urban divided roadway with median, associated storm sewer, reinforced concrete box culvert, sanitary sewer manhole adjustments, multi-use trail, joint utility trench, and other miscellaneous work. All work is complete on Phase 1 except for paving which is on schedule to be complete by June 20, 2020 and restoration which is to be complete by September 15, 2020.

This agenda item was distributed to the Public Services Subcommittee by e-mail only since there was no meeting.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for Grand Avenue – South Jordan Creek Parkway to South 88th Street (Phase 2);
- Motion receiving and filing Report of Bids;
- Resolution waiving bid irregularities and awarding the construction contract to McAninch Corporation.

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

STAFF REVIEWS

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

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	February 7, 2020

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed			
Recommendation	Yes	No	Split

RESOLUTION APPROVING ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST

WHEREAS, on January 21, 2020, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

Grand Avenue – South Jordan Creek Parkway to South 88th Street (Phase 2)
Project No. 0510-056-2018

and,

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

therefore,

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, that the Plans, Specifications, Form of Contract, and Estimate of Costs for said Public Improvement are hereby approved.

PASSED AND APPROVED on this **17th** day of **February, 2020.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION APPROVING THE AWARDING OF A CONTRACT

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

Grand Avenue – South Jordan Creek Parkway to South 88th Street (Phase 2)
Project No. 0510-056-2018

and,

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

WHEREAS, irregularities were noted on two of the bids that were received; and

WHEREAS, the irregularities noted were not substantive in nature; and

WHEREAS, the bid of McAninch Corporation in the amount of $1,412,000.00 was the lowest responsible bid received for said public improvement;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, waives the irregularities in the bids that were received.

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the Grand Avenue – South Jordan Creek Parkway to South 88th Street (Phase 2) is hereby awarded to McAninch Corporation in the amount of $1,412,000.00 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 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 on this **17th** day of **February, 2020.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

BID TABULATIONS

olsson

Client: City of West Des Moines
Project: Grand Avenue Improvements (Phase 2)
South Jordan Creek Parkway to South 88th Street
Project Number: 0510-056-2018
Date: 2/12/2020

				Engineer's Estimate		McAninch Corporation 4001 Delaware Avenue Des Moines, Iowa 50313		Vanderpool Construction Inc. 1100 N. 14th Street Indianola, Iowa 50125		Corell Contractor Inc. 1300 Lincoln Street West Des Moines, Iowa 50265	
ITEM NO.	**ITEM DESCRIPTION**	**UNIT**	**QUANTITY**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**
DIVISION 2 - EARTHWORK, SUBGRADE AND SUBBASE											
2.01	TOPSOIL, ON-SITE	CY	13669	$7.00	$95,683.00	$5.53	$75,589.57	$6.65	$90,898.85	$5.75	$78,596.75
2.02	TOPSOIL, OFF-SITE	CY	1610	$15.00	$24,150.00	$7.64	$12,300.40	$14.90	$23,989.00	$15.00	$24,150.00
2.03	EXCAVATION, CLASS 10	CY	173	$10.00	$1,730.00	$2.99	$517.27	$50.00	$8,650.00	$5.00	$865.00
2.04	EXCAVATION, CLASS 10, BORROW	CY	133182	$9.00	$1,198,638.00	$6.50	$865,683.00	$8.70	$1,158,683.40	$8.80	$1,172,001.60
2.05	REMOVAL OF KNOWN PIPE CULVERT	LF	24	$10.00	$240.00	$33.00	$792.00	$50.00	$1,200.00	$50.00	$1,200.00
DIVISION 4 - SEWERS AND DRAINS											
4.01	STORM SEWER, TRENCHED, RCP, CLASS III, 18 IN. DIA.	LF	1214	$80.00	$97,120.00	$65.00	$78,910.00	$61.00	$74,054.00	$71.00	$86,194.00
4.02	STORM SEWER, TRENCHED, RCP, CLASS III, 24 IN. DIA.	LF	423	$100.00	$42,300.00	$76.00	$32,148.00	$78.00	$32,994.00	$80.00	$33,840.00
4.03	STORM SEWER, TRENCHED, RCP, CLASS III, 30 IN. DIA.	LF	52	$140.00	$7,280.00	$91.00	$4,732.00	$117.00	$6,084.00	$100.00	$5,200.00
4.04	STORM SEWER, TRENCHED, RCP, CLASS III, 48 IN. DIA.	LF	133	$260.00	$34,580.00	$180.00	$23,940.00	$173.00	$23,009.00	$195.00	$25,935.00
4.05	PIPE CULVERT, TRENCHED, RCP, CLASS III, 42 IN. DIA.	LF	178	$200.00	$35,600.00	$149.00	$26,522.00	$153.00	$27,234.00	$205.00	$36,490.00
4.06	PIPE APRON, RCP, 42 IN. DIA.	EA	2	$3,500.00	$7,000.00	$2,628.00	$5,256.00	$2,700.00	$5,400.00	$3,315.00	$6,630.00
4.07	PIPE APRON, RCP, 48 IN. DIA.	EA	1	$5,000.00	$5,000.00	$3,015.00	$3,015.00	$3,100.00	$3,100.00	$4,725.00	$4,725.00
4.08	PIPE APRON FOOTING, RCP, 42 IN. DIA.	EA	2	$1,000.00	$2,000.00	$230.00	$460.00	$900.00	$1,800.00	$1,150.00	$2,300.00
4.09	PIPE APRON FOOTING, RCP, 48 IN. DIA.	EA	1	$1,200.00	$1,200.00	$368.00	$368.00	$1,000.00	$1,000.00	$1,350.00	$1,350.00
DIVISION 5 - WATER MAIN AND APPURTENANCES											
5.01	VALVE BOX EXTENSION	EA	14	$1,000.00	$14,000.00	$488.00	$6,832.00	$1,100.00	$15,400.00	$700.00	$9,800.00
5.02	FIRE HYDRANT ADJUSTMENT	EA	10	$2,000.00	$20,000.00	$3,986.00	$39,860.00	$4,700.00	$47,000.00	$4,285.00	$42,850.00
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS											
6.01	INTAKE, CIRCULAR SINGLE GRATE INTAKE, SW-502 MODIFIED	EA	1	$7,500.00	$7,500.00	$8,065.00	$8,065.00	$10,000.00	$10,000.00	$13,775.00	$13,775.00
6.02	INTAKE, SINGLE GRATE INTAKE WITH MANHOLE, SW-503 MODIFIED	EA	9	$9,000.00	$81,000.00	$4,375.00	$39,375.00	$3,800.00	$34,200.00	$4,515.00	$40,635.00
6.03	INTAKE, DOUBLE GRATE INTAKE, SW-505 MODIFIED	EA	2	$9,500.00	$19,000.00	$4,100.00	$8,200.00	$3,400.00	$6,800.00	$4,400.00	$8,800.00
6.04	INTAKE, DOUBLE GRATE INTAKE WITH MANHOLE, SW-506 MODIFIED	EA	3	$12,500.00	$37,500.00	$7,300.00	$21,900.00	$6,400.00	$19,200.00	$8,000.00	$24,000.00
DIVISION 8 - TRAFFIC CONTROL											
8.01	TEMPORARY TRAFFIC CONTROL	LS	1	$75,000.00	$75,000.00	$41,586.59	$41,586.59	$10,000.00	$10,000.00	$7,600.00	$7,600.00
8.02	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	20	$300.00	$6,000.00	$153.00	$3,060.00	$185.00	$3,700.00	$165.00	$3,300.00
DIVISION 9 - SITE WORK AND LANDSCAPING											
9.01	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEED., TYPE 2 (PERM. COOL SEASON MIX.)	AC	12.19	$2,500.00	$30,475.00	$1,785.00	$21,759.15	$1,850.00	$22,551.50	$1,925.00	$23,465.75
9.02	WARRANTY	LS	1	$6,500.00	$6,500.00	$3,060.00	$3,060.00	$3,200.00	$3,200.00	$3,300.00	$3,300.00
9.03	SWPPP PREPARATION	LS	1	$3,000.00	$3,000.00	$510.00	$510.00	$20,003.36	$20,003.36	$550.00	$550.00
9.04	SWPPP MANAGEMENT	LS	1	$3,000.00	$3,000.00	$2,550.00	$2,550.00	$2,700.00	$2,700.00	$2,750.00	$2,750.00
9.05	FILTER SOCK, 8 IN. DIA.	LF	8463	$2.00	$16,926.00	$2.40	$20,311.20	$2.50	$21,157.50	$2.60	$22,003.80

olsson

BID TABULATIONS

Client: City of West Des Moines
Project: Grand Avenue Improvements (Phase 2)
South Jordan Creek Parkway to South 88th Street
Project Number: 0510-056-2018
Date: 2/12/2020

				Engineer's Estimate		McAninch Corporation 4001 Delaware Avenue Des Moines, Iowa 50313		Vanderpool Construction Inc. 1100 N. 14th Street Indianola, Iowa 50125		Corell Contractor Inc. 1300 Lincoln Street West Des Moines, Iowa 50265	
ITEM NO.	**ITEM DESCRIPTION**	**UNIT**	**QUANTITY**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**
9.06	FILTER SOCK, REMOVAL	LF	8463	$0.25	$2,115.75	$0.20	$1,692.60	$0.20	$1,692.60	$0.25	$2,115.75
9.07	SILT FENCE, INSTALLATION	LF	5893	$1.50	$8,839.50	$1.38	$8,132.34	$1.50	$8,839.50	$1.50	$8,839.50
9.08	SILT FENCE, REMOVAL OF SEDIMENT	LF	471.4	$0.10	$47.14	$0.05	$23.57	$0.10	$47.14	$0.05	$23.57
9.09	SILT FENCE, REMOVAL OF DEVICE	LF	4714	$0.20	$942.80	$0.05	$235.70	$0.10	$471.40	$0.05	$235.70
9.10	STABILIZED CONSTRUCTION ENTRANCE	SY	693	$25.00	$17,325.00	$11.08	$7,678.44	$23.00	$15,939.00	$14.00	$9,702.00
9.11	EROSION CONTROL MULCHING, HYDROMULCHING	AC	12.19	$1,250.00	$15,237.50	$1,173.00	$14,298.87	$1,225.00	$14,932.75	$1,265.00	$15,420.35
9.12	INTAKE INLET PROTECTION DEVICE, INSTALLATION	EA	46	$150.00	$6,900.00	$153.00	$7,038.00	$155.00	$7,130.00	$165.00	$7,590.00
9.13	INTAKE INLET PROTECTION DEVICE, MAINTENANCE	EA	46	$25.00	$1,150.00	$15.30	$703.80	$16.00	$736.00	$16.50	$759.00
9.14	CULVERT INLET PROTECTION, INSTALLATION	EA	3	$200.00	$600.00	$51.00	$153.00	$55.00	$165.00	$55.00	$165.00
9.15	CULVERT INLET PROTECTION, MAINTENANCE	EA	3	$25.00	$75.00	$15.30	$45.90	$16.00	$48.00	$16.50	$49.50
9.16	RUMBLE GRID	LF	80	$300.00	$24,000.00	$218.17	$17,453.60	$515.00	$41,200.00	$430.00	$34,400.00
DIVISION 11 - MISCELLANEOUS											
11.01	CONSTRUCTION SURVEY	LS	1	$30,000.00	$30,000.00	$4,692.00	$4,692.00	$6,000.00	$6,000.00	$111,370.00	$111,370.00
11.02	CONCRETE WASHOUT	LS	1	$12,500.00	$12,500.00	$2,550.00	$2,550.00	$425.00	$425.00	$1,100.00	$1,100.00
			TOTAL BASE BID		**$1,992,154.69**		**$1,412,000.00**		**$1,771,635.00**		**$1,874,077.27**

BID TABULATIONS

olsson

Client: City of West Des Moines
Project: Grand Avenue Improvements (Phase 2)
South Jordan Creek Parkway to South 88th Street
Project Number: 0510-056-2018
Date: 2/12/2020

				Engineer's Estimate		Elder Corporation 5088 East University Avenue Des Moines, Iowa 50327		S.M. Hentges & Sons, Inc. 650 Quaker Avenue Jordan, MN 55352			
ITEM NO.	**ITEM DESCRIPTION**	**UNIT**	**QUANTITY**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**
DIVISION 2 - EARTHWORK, SUBGRADE AND SUBBASE											
2.01	TOPSOIL, ON-SITE	CY	13669	$7.00	$95,683.00	$2.00	$27,338.00	$6.00	$82,014.00		
2.02	TOPSOIL, OFF-SITE	CY	1610	$15.00	$24,150.00	$10.50	$16,905.00	$1.00	$1,610.00		
2.03	EXCAVATION, CLASS 10	CY	173	$10.00	$1,730.00	$45.00	$7,785.00	$1.50	$259.50		
2.04	EXCAVATION, CLASS 10, BORROW	CY	133182	$9.00	$1,198,638.00	$10.50	$1,398,411.00	$13.00	$1,731,366.00		
2.05	REMOVAL OF KNOWN PIPE CULVERT	LF	24	$10.00	$240.00	$52.00	$1,248.00	$20.00	$480.00		
DIVISION 4 - SEWERS AND DRAINS											
4.01	STORM SEWER, TRENCHED, RCP, CLASS III, 18 IN. DIA.	LF	1214	$80.00	$97,120.00	$66.00	$80,124.00	$60.00	$72,840.00		
4.02	STORM SEWER, TRENCHED, RCP, CLASS III, 24 IN. DIA.	LF	423	$100.00	$42,300.00	$78.00	$32,994.00	$70.00	$29,610.00		
4.03	STORM SEWER, TRENCHED, RCP, CLASS III, 30 IN. DIA.	LF	52	$140.00	$7,280.00	$126.00	$6,552.00	$95.00	$4,940.00		
4.04	STORM SEWER, TRENCHED, RCP, CLASS III, 48 IN. DIA.	LF	133	$260.00	$34,580.00	$169.00	$22,477.00	$165.00	$21,945.00		
4.05	PIPE CULVERT, TRENCHED, RCP, CLASS III, 42 IN. DIA.	LF	178	$200.00	$35,600.00	$161.00	$28,658.00	$146.00	$25,988.00		
4.06	PIPE APRON, RCP, 42 IN. DIA.	EA	2	$3,500.00	$7,000.00	$2,800.00	$5,600.00	$2,900.00	$5,800.00		
4.07	PIPE APRON, RCP, 48 IN. DIA.	EA	1	$5,000.00	$5,000.00	$3,300.00	$3,300.00	$3,200.00	$3,200.00		
4.08	PIPE APRON FOOTING, RCP, 42 IN. DIA.	EA	2	$1,000.00	$2,000.00	$1,300.00	$2,600.00	$500.00	$1,000.00		
4.09	PIPE APRON FOOTING, RCP, 48 IN. DIA.	EA	1	$1,200.00	$1,200.00	$1,300.00	$1,300.00	$500.00	$500.00		
DIVISION 5 - WATER MAIN AND APPURTENANCES											
5.01	VALVE BOX EXTENSION	EA	14	$1,000.00	$14,000.00	$840.00	$11,760.00	$700.00	$9,800.00		
5.02	FIRE HYDRANT ADJUSTMENT	EA	10	$2,000.00	$20,000.00	$4,800.00	$48,000.00	$3,700.00	$37,000.00		
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS											
6.01	INTAKE, CIRCULAR SINGLE GRATE INTAKE, SW-502 MODIFIED	EA	1	$7,500.00	$7,500.00	$8,400.00	$8,400.00	$9,000.00	$9,000.00		
6.02	INTAKE, SINGLE GRATE INTAKE WITH MANHOLE, SW-503 MODIFIED	EA	9	$9,000.00	$81,000.00	$3,500.00	$31,500.00	$4,000.00	$36,000.00		
6.03	INTAKE, DOUBLE GRATE INTAKE, SW-505 MODIFIED	EA	2	$9,500.00	$19,000.00	$3,700.00	$7,400.00	$4,300.00	$8,600.00		
6.04	INTAKE, DOUBLE GRATE INTAKE WITH MANHOLE, SW-506 MODIFIED	EA	3	$12,500.00	$37,500.00	$6,000.00	$18,000.00	$5,900.00	$17,700.00		
DIVISION 8 - TRAFFIC CONTROL											
8.01	TEMPORARY TRAFFIC CONTROL	LS	1	$75,000.00	$75,000.00	$7,200.00	$7,200.00	$25,000.00	$25,000.00		
8.02	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	20	$300.00	$6,000.00	$158.00	$3,160.00	$155.00	$3,100.00		
DIVISION 9 - SITE WORK AND LANDSCAPING											
9.01	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEED., TYPE 2 (PERM. COOL SEASON MIX.)	AC	12.19	$2,500.00	$30,475.00	$1,800.00	$21,942.00	$2,400.00	$29,256.00		
9.02	WARRANTY	LS	1	$6,500.00	$6,500.00	$3,200.00	$3,200.00	$5,600.00	$5,600.00		
9.03	SWPPP PREPARATION	LS	1	$3,000.00	$3,000.00	$2,059.90	$2,059.90	$25,000.00	$25,000.00		
9.04	SWPPP MANAGEMENT	LS	1	$3,000.00	$3,000.00	$2,600.00	$2,600.00	$29,000.00	$29,000.00		
9.05	FILTER SOCK, 8 IN. DIA.	LF	8463	$2.00	$16,926.00	$2.50	$21,157.50	$1.45	$12,271.35		

BID TABULATIONS

olsson

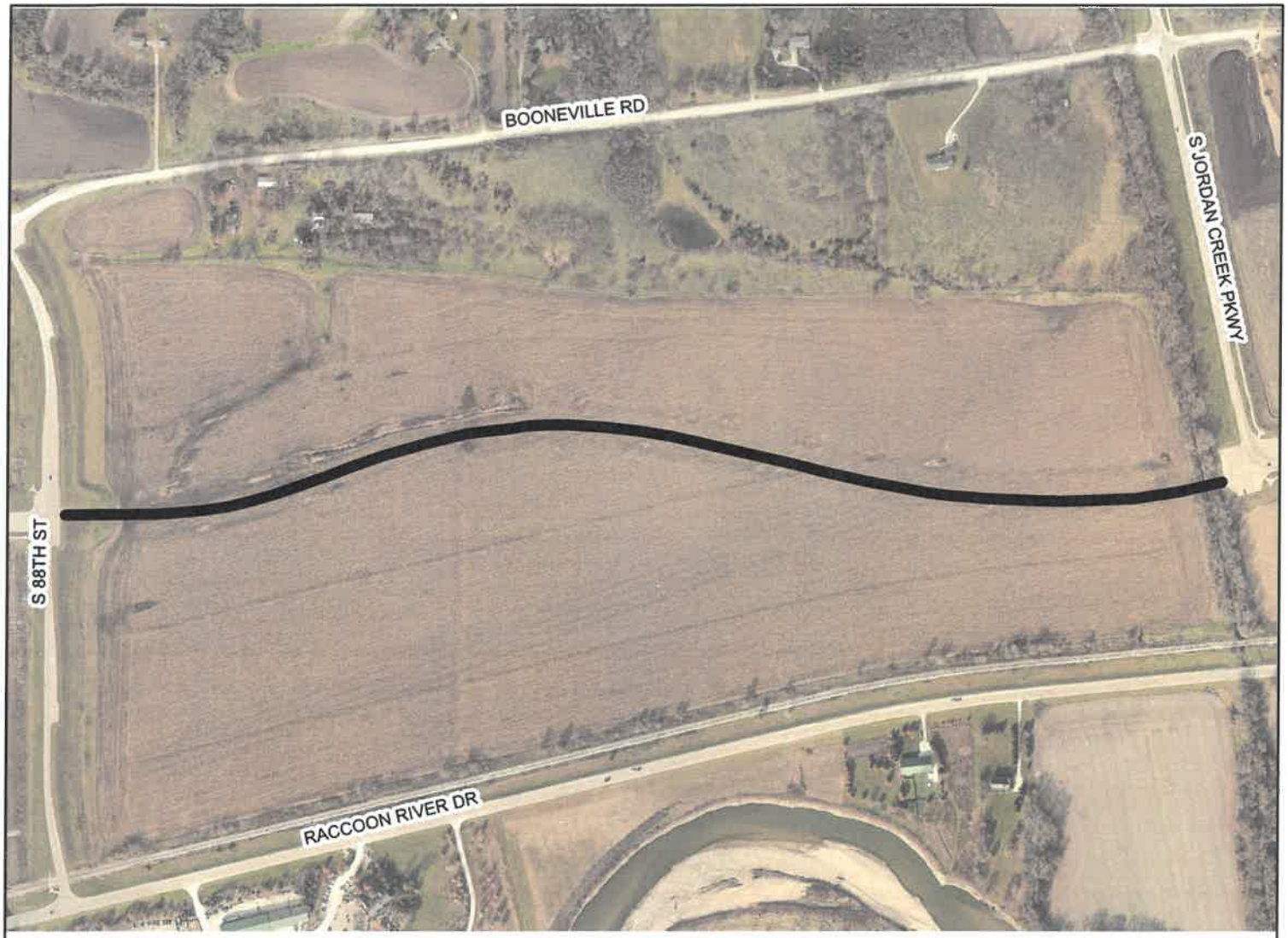
Client: City of West Des Moines
Project: Grand Avenue Improvements (Phase 2)
South Jordan Creek Parkway to South 88th Street
Project Number: 0510-056-2018
Date: 2/12/2020

				Engineer's Estimate		Elder Corporation 5088 East University Avenue Des Moines, Iowa 50327		S.M. Hentges & Sons, Inc. 650 Quaker Avenue Jordan, MN 55352			
ITEM NO.	**ITEM DESCRIPTION**	**UNIT**	**QUANTITY**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**	**UNIT COST $**	**COST $**
9.06	FILTER SOCK, REMOVAL	LF	8463	$0.25	$2,115.75	$0.25	$2,115.75	$0.20	$1,692.60		
9.07	SILT FENCE, INSTALLATION	LF	5893	$1.50	$8,839.50	$1.50	$8,839.50	$1.45	$8,544.85		
9.08	SILT FENCE, REMOVAL OF SEDIMENT	LF	471.4	$0.10	$47.14	$0.25	$117.85	$0.05	$23.57		
9.09	SILT FENCE, REMOVAL OF DEVICE	LF	4714	$0.20	$942.80	$0.25	$1,178.50	$0.05	$235.70		
9.10	STABILIZED CONSTRUCTION ENTRANCE	SY	693	$25.00	$17,325.00	$17.00	$11,781.00	$12.00	$8,316.00		
9.11	EROSION CONTROL MULCHING, HYDROMULCHING	AC	12.19	$1,250.00	$15,237.50	$1,200.00	$14,628.00	$1,325.00	$16,151.75		
9.12	INTAKE INLET PROTECTION DEVICE, INSTALLATION	EA	46	$150.00	$6,900.00	$158.00	$7,268.00	$137.00	$6,302.00		
9.13	INTAKE INLET PROTECTION DEVICE, MAINTENANCE	EA	46	$25.00	$1,150.00	$16.00	$736.00	$21.00	$966.00		
9.14	CULVERT INLET PROTECTION, INSTALLATION	EA	3	$200.00	$600.00	$53.00	$159.00	$102.00	$306.00		
9.15	CULVERT INLET PROTECTION, MAINTENANCE	EA	3	$25.00	$75.00	$16.00	$48.00	$21.00	$63.00		
9.16	RUMBLE GRID	LF	80	$300.00	$24,000.00	$270.00	$21,600.00	$500.00	$40,000.00		
DIVISION 11 - MISCELLANEOUS											
11.01	CONSTRUCTION SURVEY	LS	1	$30,000.00	$30,000.00	$20,000.00	$20,000.00	$50,000.00	$50,000.00		
11.02	CONCRETE WASHOUT	LS	1	$12,500.00	$12,500.00	$840.00	$840.00	$450.00	$450.00		
			TOTAL BASE BID		**$1,992,154.69**		**$1,910,983.00** **CORRECTED**		**$2,361,931.32** **CORRECTED**		

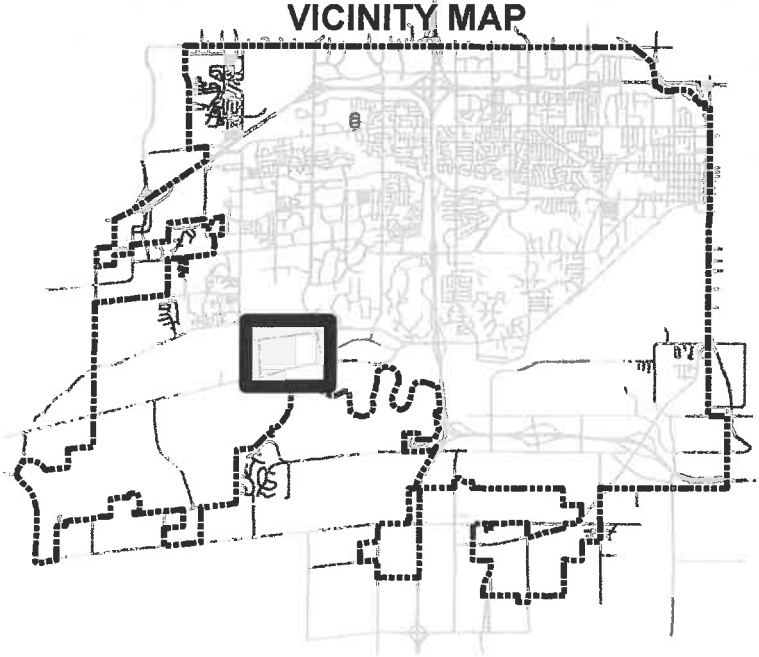
Denotes calculation of extended price does not match proposal.

I hereby certify that this is a true and correct tabulation of bids received on February 12, 2020 for the Grand Avenue Improvements (Phase 2), South Jordan Creek Parkway to South 88th Street, West Des Moines, Iowa - Project. No. 0510-056-2018

James P. Gallagher, P.E. License No. 25366 2/12/20 Date



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