CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: January 21, 2020

ITEM:

Resolution - Ordering Construction
Grand Avenue – South Jordan Creek Parkway to South 88th Street (Phase 2)

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the Grand Avenue – South Jordan Creek Parkway to South 88th Street (Phase 2) is $1,989,797.19. 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:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, February 12, 2020 and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, February 17, 2020. The contract would be awarded on Monday, February 17, 2020 and work will begin shortly thereafter.

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 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.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Resolution Ordering Construction of Grand Avenue – South Jordan Creek Parkway to South 88th Street (Phase 2).
- Fixing 2:00 p.m. on Wednesday, February 12, 2020 as the time and date for project Bid Letting.
- Ordering the City Clerk to publish notice of Letting and Public Hearing.

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
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	January 13, 2020		
Recommendation	Yes	No	Split

RESOLUTION ORDERING CONSTRUCTION AND NOTICE OF PUBLIC HEARING ON PLANS, SPECIFICATIONS, FORM OF CONTRACT, ESTIMATE OF COST, AND DIRECTING ADVERTISEMENT FOR BIDS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the following described public improvement:

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

is hereby ordered to be constructed according to the Plans and Specifications prepared by Olsson & Associates of West Des Moines, Iowa and now on file in the office of the City Clerk.

BE IT FURTHER RESOLVED, that the detailed Plans and Specifications, Form of Contract, Bid Security, and Notice to Bidders are hereby approved, subject to hearing thereon, and that the same are now on file in the office of the City Clerk for public inspection.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish notice of hearing on the Plans and Specifications, Form of Contract, Bid Security and Estimate of Costs for said project to be held at 5:35 p.m. on Monday, February 17, 2020, with said notice published not less than four (4) days nor more than twenty (20) days prior to the date heretofore fixed.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish Notice to Bidders for said project with publication not less than thirteen (13) days nor more than forty-five (45) days prior to the date for receiving bids. Said bids are to be filed prior to 2:00 p.m. on Wednesday, February 12, 2020.

BE IT FURTHER RESOLVED, that the bids received for construction of said improvements will be opened, publicly read and tabulated by the City Clerk, Deputy City Clerk, or City Clerk designee at 2:00 p.m. on Wednesday, February 12, 2020 and the results of said bids shall be considered at a meeting of this Council on Monday, February 17, 2020, at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED on this **21st** day of **January, 2020.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

olsson

ENGINEER'S OPINION OF PROBABLE COST
FINAL CHECK PLANS

Client: City of West Des Moines
Project: Grand Avenue - Phase 2 (S. Jordan Creek Pkwy to S. 88th St)
Project Number: 0510-056-2018
Date: 1/13/2020

ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST $	COST $
DIVISION 2 - EARTHWORK, SUBGRADE AND SUBBASE						
2.01	2010-108-D-1	TOPSOIL, ON-SITE	CY	13669	$7.00	$95,683.00
2.02	2010-108-D-3	TOPSOIL, OFF-SITE	CY	1610	$15.00	$24,150.00
2.03	2010-108-E-0	EXCAVATION, CLASS 10	CY	173	$10.00	$1,730.00
2.04	2010-108-E-0	EXCAVATION, CLASS 10, BORROW	CY	133182	$9.00	$1,198,638.00
2.05	2010-108-J-2	REMOVAL OF KNOWN PIPE CULVERT	LF	24	$10.00	$240.00
DIVISION 4 - SEWERS AND DRAINS						
4.01	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 18 IN. DIA.	LF	1371	$80.00	$109,680.00
4.02	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 24 IN. DIA.	LF	246	$100.00	$24,600.00
4.03	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 30 IN. DIA.	LF	52	$140.00	$7,280.00
4.04	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 48 IN. DIA.	LF	130	$260.00	$33,800.00
4.05	4030-108-A-1	PIPE CULVERT, TRENCHED, RCP, CLASS III, 42 IN. DIA.	LF	178	$200.00	$35,600.00
4.06	4030-108-B-0	PIPE APRON, RCP, 42 IN. DIA.	EA	2	$3,500.00	$7,000.00
4.07	4030-108-B-0	PIPE APRON, RCP, 48 IN. DIA.	EA	1	$5,000.00	$5,000.00
4.08	4030-108-C-0	PIPE APRON FOOTING, RCP, 42 IN. DIA.	EA	2	$1,000.00	$2,000.00
4.09	4030-108-C-0	PIPE APRON FOOTING, RCP, 48 IN. DIA.	EA	1	$1,200.00	$1,200.00
DIVISION 5 - WATER MAIN AND APPURTENANCES						
5.01	5020-108-F-0	VALVE BOX EXTENSION	EA	13	$1,000.00	$13,000.00
5.02	5020-108-H-0	FIRE HYDRANT ADJUSTMENT	EA	9	$2,000.00	$18,000.00
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS						
6.01	6010-108-A-0	MANHOLE, STORM SEWER, SW-401, 84 IN.	EA	1	$6,500.00	$6,500.00
6.02	6010-108-B-0	INTAKE, SINGLE GRATE INTAKE WITH MANHOLE, SW-502 MODIFIED	EA	1	$7,500.00	$7,500.00
6.03	6010-108-B-0	INTAKE, SINGLE GRATE INTAKE WITH MANHOLE, SW-503 MODIFIED	EA	10	$9,000.00	$90,000.00
6.04	6010-108-B-0	INTAKE, DOUBLE GRATE INTAKE WITH MANHOLE, SW-506 MODIFIED	EA	5	$12,500.00	$62,500.00
DIVISION 8 - TRAFFIC CONTROL						
8.01	8030-108-A-0	TEMPORARY TRAFFIC CONTROL	LS	1	$75,000.00	$75,000.00
8.02	2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	20	$300.00	$6,000.00
DIVISION 9 - SITE WORK AND LANDSCAPING						
9.01	9010-108-B-0	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEED., TYPE 2 (PERM. COOL SEASON MIX.)	AC	12.3	$2,500.00	$30,750.00
9.02	9010-108-E-0	WARRANTY	LS	1	$6,500.00	$6,500.00
9.03	9040-108-A-1	SWPPP PREPARATION	LS	1	$3,000.00	$3,000.00
9.04	9040-108-A-2	SWPPP MANAGEMENT	LS	1	$3,000.00	$3,000.00
9.05	9040-108-D-1	FILTER SOCK, 8 IN. DIA.	LF	8463	$2.00	$16,926.00
9.06	9040-108-D-2	FILTER SOCK, REMOVAL	LF	8463	$0.25	$2,115.75
9.07	9040-108-N-1	SILT FENCE, INSTALLATION	LF	5893	$1.50	$8,839.50
9.08	9040-108-N-2	SILT FENCE, REMOVAL OF SEDIMENT	LF	471.4	$0.10	$47.14
9.09	9040-108-N-3	SILT FENCE, REMOVAL OF DEVICE	LF	4714	$0.20	$942.80
9.10	9040-108-D-1	STABILIZED CONSTRUCTION ENTRANCE	SY	694	$25.00	$17,350.00
9.11	9040-108-T-1	INTAKE INLET PROTECTION DEVICE, INSTALLATION	EA	46	$150.00	$6,900.00
9.12	9040-108-T-2	INTAKE INLET PROTECTION DEVICE, MAINTENANCE	EA	46	$25.00	$1,150.00
9.13	9040-108-T-1	CULVERT INLET PROTECTION, INSTALLATION	EA	3	$200.00	$600.00
9.14	9040-108-T-2	CULVERT INLET PROTECTION, MAINTENANCE	EA	3	$25.00	$75.00
9.15	9040-000-0-0	RUMBLE GRID	LF	80	$300.00	$24,000.00
DIVISION 11 - MISCELLANEOUS						
11.01	11010-108-A-0	CONSTRUCTION SURVEY	LS	1	$30,000.00	$30,000.00
11.02	11050-108-A-0	CONCRETE WASHOUT	LS	1	$12,500.00	$12,500.00

OPINION OF PROBABLE COST **$1,989,797.19**

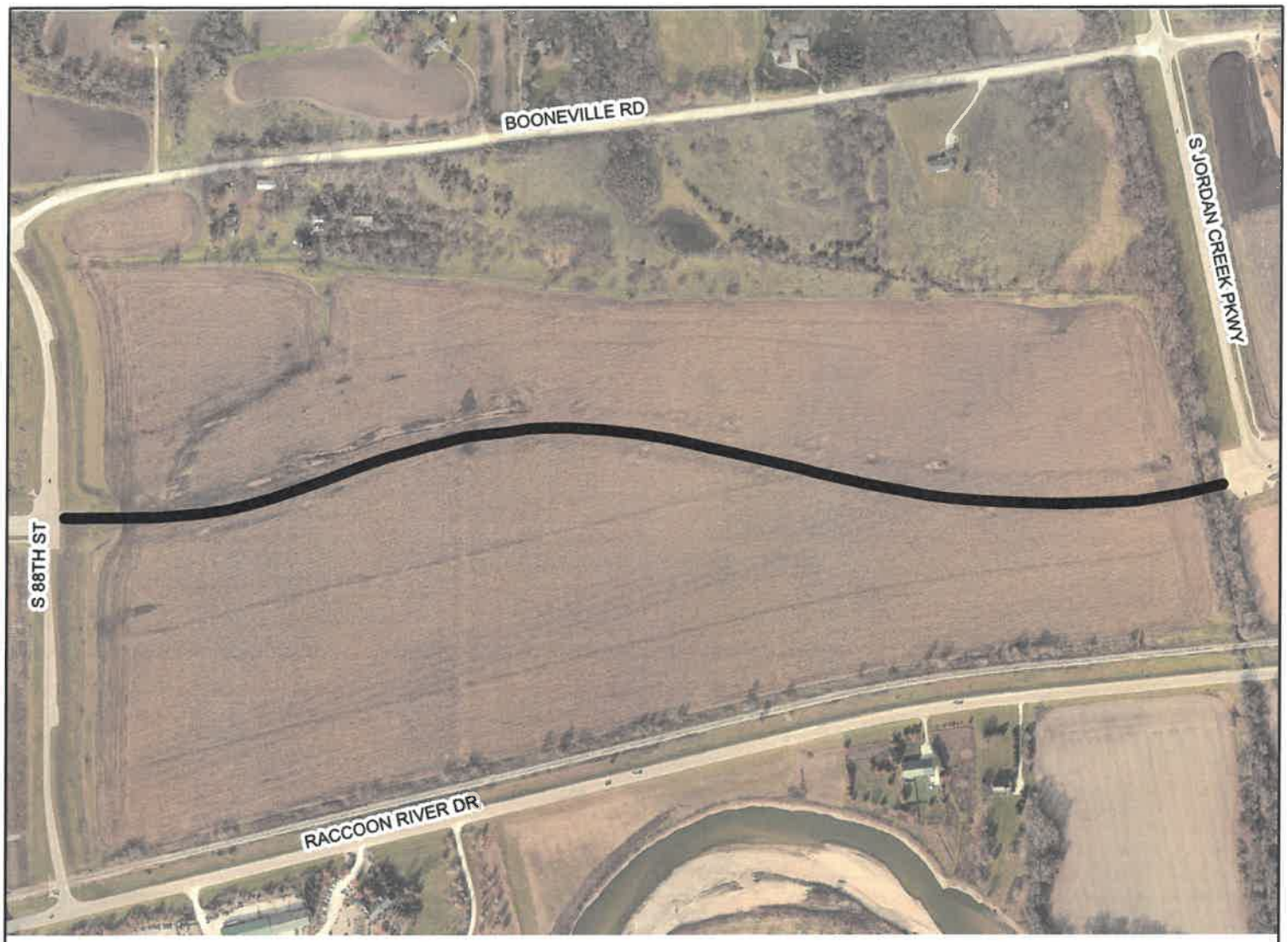
LICENSED PROFESSIONAL ENGINEER
JAMES P. GALLAGHER
25366
IOWA

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

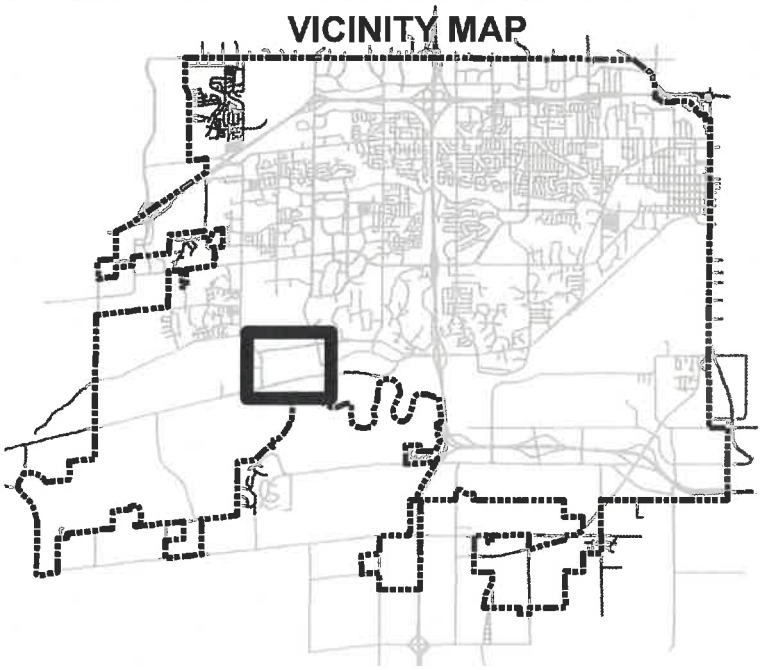
SIGNATURE: James P. Gallagher 1/13/2020
NAME: JAMES P. GALLAGHER DATE

LICENSE NUMBER 25366
MY LICENSE RENEWAL DATE IS DECEMBER 31, 2020

PAGES OR SHEETS COVERED BY THIS SEAL:
Engineer's opinion of probable cost.



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