CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: September 16, 2019

ITEM:

Resolution - Ordering Construction
S. 85th Street – Cascade Avenue to Mills Civic Parkway

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the S. 85th Street – Cascade Avenue to Mills Civic Parkway is $2,211,404.00. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Tax Increment Financing and a RISE Grant.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, October 2, 2019, and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, October 7, 2019. The contract would be awarded on Monday, October 7, 2019, and work will begin shortly thereafter.

The project will include construction of S. 85th Street from Cascade Avenue to Mills Civic Parkway and the extension of Cascade Avenue from South 85th Street to approximately 250 feet east of South 85th Street at the existing road terminus. The construction improvements include approximately 7,740 SY of 7-inch PCC reinforced pavement, 6-inch PCC driveway pavement, storm sewer, water main, subdrain, sidewalk, pavement markings, clearing and grubbing, grading, soil stabilization, traffic control, erosion control, surface restoration, and miscellaneous associated work to complete the project. The project is anticipated to be completed by August 28, 2020.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution Ordering Construction of the S. 85th Street – Cascade Avenue to Mills Civic Parkway.
- Fixing 2:00 p.m. on Wednesday, October 2, 2019, 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	September 9, 2019		
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:

S. 85th Street – Cascade Avenue to Mills Civic Parkway
Project No. 0510-007-2019

is hereby ordered to be constructed according to the Plans and Specifications prepared by JEO Consulting Group, Inc. of Ankeny, 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, October 7, 2019, 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, October 2, 2019.

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, October 2, 2019, and the results of said bids shall be considered at a meeting of this Council on Monday, October 7, 2019, at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED 16th day of **September, 2019.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

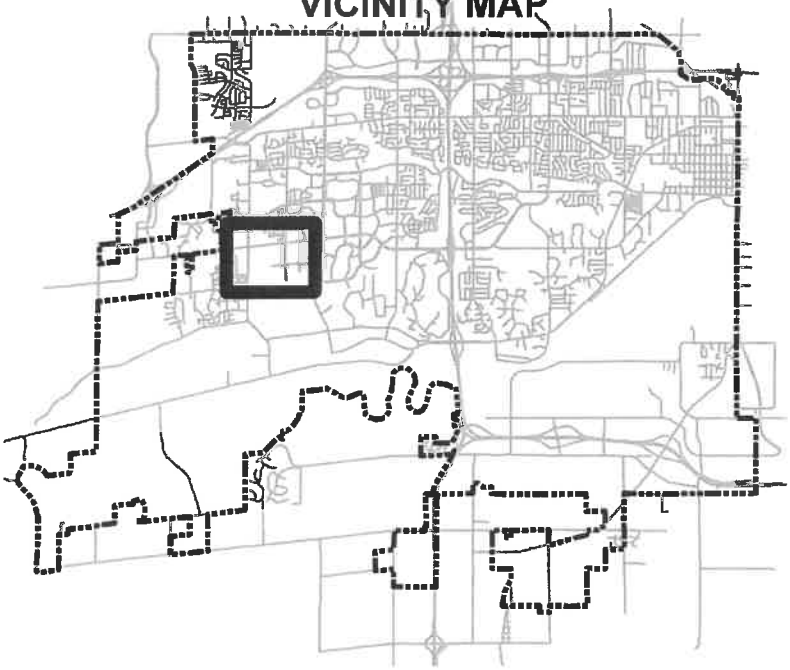
Engineer's Opinion of Probable Construction Costs
South 85th Street - Cascade Avenue to Mills Civic Parkway
West Des Moines Project No.: 0510-007-2019
Ankeny, IA
Date: September 9, 2019

Item No.	SUDAS Number	Item	Unit	Division 1 RISE Eligible	Division 2 Non-RISE Eligible	Total	Unit Price	Division 1 RISE Eligible Cost	Division 2 Non-RISE Eligible Cost	Total Cost
	DIVISION 2	EARTHWORK								
2.01	2010-108-C-0	CLEARING AND GRUBBING	LS	0.2	0.8	1	$ 40,000.00	$ 8,000.00	$ 32,000.00	$ 40,000.00
2.02	2010-108-D-1	TOPSOIL, ON-SITE	CY	810	5282	6092	$ 12.00	$ 9,720.00	$ 63,384.00	$ 73,104.00
2.03	2010-108-E-0	EXCAVATION, CLASS 10	CY	1490	3861	5351	$ 8.00	$ 11,920.00	$ 30,888.00	$ 42,808.00
2.04	2010-108-E-0	EXCAVATION, CLASS 10, WASTE	CY	855	35469	36324	$ 10.00	$ 8,550.00	$ 354,690.00	$ 363,240.00
2.05	2010-108-F-0	BELOW GRADE EXCAVATION (CORE OUT)	CY	130	580	710	$ 25.00	$ 3,250.00	$ 14,500.00	$ 17,750.00
2.06	2010-108-G-0	SUBGRADE PREPARATION, 12-INCH DEPTH	SY	1576	6964	8540	$ 4.00	$ 6,304.00	$ 27,856.00	$ 34,160.00
2.07	2010-108-H-0	SUBGRADE TREATMENT, FLY ASH, LIME, OR CEMENT	SY	1182	5223	6405	$ 10.00	$ 11,820.00	$ 52,230.00	$ 64,050.00
2.08	2010-108-I-0	SUBBASE, GRANULAR SUBBASE	SY	394	1741	2135	$ 15.00	$ 5,910.00	$ 26,115.00	$ 32,025.00
2.09	2010-108-J-2-c	REMOVAL OF KNOWN PIPE CULVERT, CMP, LESS THAN 36 IN.	LF	0	14	14	$ 25.00	$ -	$ 350.00	$ 350.00
	DIVISION 4	SEWERS AND DRAINS								
4.01	4020-108-A-1	STORM SEWER, TRENCHED, CLASS III RCP, 15-INCH	LF	107	137	244	$ 65.00	$ 6,955.00	$ 8,905.00	$ 15,860.00
4.02	4020-108-A-1	STORM SEWER, TRENCHED, CLASS III RCP, 18-INCH	LF	0	283	283	$ 75.00	$ -	$ 21,225.00	$ 21,225.00
4.03	4020-108-A-1	STORM SEWER, TRENCHED, CLASS III RCP, 30-INCH	LF	314	99	413	$ 120.00	$ 37,680.00	$ 11,880.00	$ 49,560.00
4.04	4020-108-A-1	STORM SEWER, TRENCHED, CLASS III RCP, 36-INCH	LF	0	775	775	$ 150.00	$ -	$ 116,250.00	$ 116,250.00
4.05	4020-108-A-1	STORM SEWER, TRENCHED, CLASS III RCP, 42-INCH	LF	0	833	833	$ 195.00	$ -	$ 162,435.00	$ 162,435.00
4.06	4040-108-A-0	SUBDRAIN, TYPE 1, 6-INCH	LF	340	1435	1775	$ 15.00	$ 5,100.00	$ 21,525.00	$ 26,625.00
4.07	4040-108-A-0	SUBDRAIN, TYPE 2, 6-INCH	LF	0	786	786	$ 15.00	$ -	$ 11,790.00	$ 11,790.00
4.08	4040-108-C-0	SUBDRAIN CLEANOUT, TYPE A-1	EA	1	3	4	$ 350.00	$ 350.00	$ 1,050.00	$ 1,400.00
4.09	4040-108-D-0	SUBDRAIN OUTLETS AND CONNECTIONS, PVC, 6-INCH	EA	2	12	14	$ 400.00	$ 800.00	$ 4,800.00	$ 5,600.00
4.10	SPECIAL	SUBDRAIN CONNECTION TO STORM SEWER PIPE	EA	0	3	3	$ 400.00	$ -	$ 1,200.00	$ 1,200.00
4.11	SPECIAL	FIELD TILE	LF	100	400	500	$ 10.00	$ 1,000.00	$ 4,000.00	$ 5,000.00
4.12	SPECIAL	FIELD TILE CONNECTIONS	EA	2	8	10	$ 150.00	$ 300.00	$ 1,200.00	$ 1,500.00
	DIVISION 5	WATER MAINS AND APPURTENANCES								
5.01	5010-108-A-1	WATER MAIN, TRENCHED, PVC C900, 8" DIA.	LF	0	89	89	$ 70.00	$ -	$ 6,230.00	$ 6,230.00
5.02	5010-108-A-1	WATER MAIN, TRENCHED, PVC C900, 12" DIA.	LF	0	1893	1893	$ 80.00	$ -	$ 151,440.00	$ 151,440.00
5.03	5010-108-C-1	FITTING, 12" X 12" X 8" TEE	EA	0	1	1	$ 1,600.00	$ -	$ 1,600.00	$ 1,600.00
5.04	5010-108-C-1	FITTING, 12" X 12" CROSS	EA	0	1	1	$ 1,800.00	$ -	$ 1,800.00	$ 1,800.00
5.05	5010-108-C-1	FITTING, 12" PLUG	EA	0	1	1	$ 1,200.00	$ -	$ 1,200.00	$ 1,200.00
5.06	5020-108-A-0	VALVE, GATE, 8"	EA	0	1	1	$ 2,000.00	$ -	$ 2,000.00	$ 2,000.00
5.07	5020-108-A-0	VALVE, GATE 12"	EA	0	4	4	$ 3,000.00	$ -	$ 12,000.00	$ 12,000.00
5.08	5020-108-C-0	FIRE HYDRANT ASSEMBLY	EA	0	6	6	$ 5,000.00	$ -	$ 30,000.00	$ 30,000.00
5.09	5020-108-D-0	FLUSHING DEVICE (BLOWOFF), REMOVE, SALVAGE, AND REINSTALL	EA	0	1	1	$ 4,500.00	$ -	$ 4,500.00	$ 4,500.00
5.10	SPECIAL	CONNECTION TO EXISTING WATER MAIN	EA	0	2	2	$ 1,500.00	$ -	$ 3,000.00	$ 3,000.00
	DIVISION 6	STRUCTURES FOR SANITARY AND STORMS								
6.01	6010-108-A-0	MANHOLE, SW-401, 60-INCH DIA.	EA	1	0	1	$ 5,500.00	$ 5,500.00	$ -	$ 5,500.00
6.02	6010-108-A-0	MANHOLE, SW-401, 96-INCH DIA.	EA	0	2	2	$ 12,000.00	$ -	$ 24,000.00	$ 24,000.00
6.03	6010-108-A-0	MANHOLE, SW-402, 4' X 5'	EA	1	0	1	$ 5,000.00	$ 5,000.00	$ -	$ 5,000.00

6.04	6010-108-B-0	INTAKE, SW-503, MODIFIED	EA	0	1	1	$ 8,000.00	$ -	$ 8,000.00	$ 8,000.00
6.05	6010-108-B-0	INTAKE, SW-505	EA	1	5	6	$ 5,000.00	$ 5,000.00	$ 25,000.00	$ 30,000.00
6.06	6010-108-B-0	INTAKE, SW-506	EA	1	1	2	$ 8,500.00	$ 8,500.00	$ 8,500.00	$ 17,000.00
6.07	6010-108-B-0	INTAKE, SW-506, MODIFIED	EA	0	4	4	$ 12,000.00	$ -	$ 48,000.00	$ 48,000.00
6.08	6010-108-B-0	INTAKE, SW-512, 24-IN DIA	EA	1	1	2	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 4,400.00
6.09	6010-108-B-0	INTAKE, SW-513, 4' X 4' - 1 OPEN SIDE	EA	0	1	1	$ 5,000.00	$ -	$ 5,000.00	$ 5,000.00
6.10	6010-108-B-0	INTAKE, SW-513, 4' X 4' - 2 OPEN SIDES	EA	0	1	1	$ 5,200.00	$ -	$ 5,200.00	$ 5,200.00
	DIVISION 7	STREETS AND RELATED WORK								
7.01	7010-108-A-0	PAVEMENT, PCC, REINFORCED, 7-IN.	SY	1425	6315	7740	$ 65.00	$ 92,625.00	$ 410,475.00	$ 503,100.00
7.02	7010-108-I-0	PCC PAVEMENT SAMPLES AND TESTING	LS	0.2	0.8	1	$ 12,000.00	$ 2,400.00	$ 9,600.00	$ 12,000.00
7.03	7030-108-E-0	SIDEWALK, PCC, 6-INCH	SY	0	57	57	$ 90.00	$ -	$ 5,130.00	$ 5,130.00
7.04	7030-108-G-0	DETECTABLE WARNING	SF	0	80	80	$ 50.00	$ -	$ 4,000.00	$ 4,000.00
7.05	7030-108-H-1	DRIVEWAY, PAVED, PCC, 7-IN.	SY	202	0	202	$ 70.00	$ 14,140.00	$ -	$ 14,140.00
7.06	7040-108-H-0	PAVEMENT REMOVAL	SY	0	12	12	$ 30.00	$ -	$ 360.00	$ 360.00
	DIVISION 8	TRAFFIC CONTROL								
8.01	8020-108-B-0	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	8.85	33.15	42.00	$ 110.00	$ 973.50	$ 3,646.50	$ 4,620.00
8.02	8020-108-G-0	PAINTED SYMBOLS AND LEGENDS, SOLVENT/WATERBORNE	EA	5	10	15	$ 90.00	$ 450.00	$ 900.00	$ 1,350.00
8.03	8030-108-A-0	TEMPORARY TRAFFIC CONTROL	LS	0.2	0.8	1	$ 35,000.00	$ 7,000.00	$ 28,000.00	$ 35,000.00
8.04	SPECIAL	PERMANENT ROAD CLOSURE, URBAN	EA	0	2	2	$ 1,500.00	$ -	$ 3,000.00	$ 3,000.00
	DIVISION 9	SITE WORK AND LANDSCAPING								
9.01	9010-108-A-0	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, RESCUE PLUS	AC	0.5	2.0	2.5	$ 4,000.00	$ 2,000.00	$ 8,000.00	$ 10,000.00
9.02	9010-108-A-0	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 2	AC	0.2	1.4	1.6	$ 2,000.00	$ 400.00	$ 2,800.00	$ 3,200.00
9.03	9040-108-A-1	SWPPP, PREPARATION	LS	0.2	0.8	1	$ 2,500.00	$ 500.00	$ 2,000.00	$ 2,500.00
9.04	9040-108-A-2	SWPPP, MANAGEMENT	LS	0.2	0.8	1	$ 5,000.00	$ 1,000.00	$ 4,000.00	$ 5,000.00
9.05	9040-108-D-1	FILTER SOCK, 8 INCH	LF	1160	4420	5580	$ 3.00	$ 3,480.00	$ 13,260.00	$ 16,740.00
9.06	9040-108-D-2	FILTER SOCK, REMOVAL	LF	1160	4420	5580	$ 1.00	$ 1,160.00	$ 4,420.00	$ 5,580.00
9.07	9040-108-N-1	SILT FENCE OR SILT FENCE DITCH CHECK	LF	1060	5360	6420	$ 3.00	$ 3,180.00	$ 16,080.00	$ 19,260.00
9.08	9040-108-N-2	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	LF	1060	5360	6420	$ 1.00	$ 1,060.00	$ 5,360.00	$ 6,420.00
9.09	9040-108-N-3	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	1060	5360	6420	$ 1.00	$ 1,060.00	$ 5,360.00	$ 6,420.00
9.10	9040-108-O-1	STABILIZED CONSTRUCTION ENTRANCE	SY	75	75	150	$ 25.00	$ 1,875.00	$ 1,875.00	$ 3,750.00
9.11	9040-108-Q-2	EROSION CONTROL MULCHING, HYDROMULCHING, BONDED FIBER MATRIX (BFM) WITH TEMPORARY SEEDING	AC	0.6	2.5	3.1	$ 3,500.00	$ 2,100.00	$ 8,750.00	$ 10,850.00
9.12	9040-108-T-1	INLET PROTECTION DEVICE, DROP-IN	EA	4	21	25	$ 200.00	$ 800.00	$ 4,200.00	$ 5,000.00
9.13	9040-108-T-2	INLET PROTECTION DEVICE, MAINTENANCE	EA	8	42	50	$ 25.00	$ 200.00	$ 1,050.00	$ 1,250.00
9.14	9060-108-E-0	REMOVAL OF FENCE	LF	402	1170	1572	$ 10.00	$ 4,020.00	$ 11,700.00	$ 15,720.00
9.15	SPECIAL	FIELD FENCE	LF	361	1490	1851	$ 12.00	$ 4,332.00	$ 17,880.00	$ 22,212.00
	DIVISION 11	MISCELLANEOUS								
11.01	11,010-108-A-0	CONSTRUCTION SURVEY	LS	0.2	0.8	1	$ 25,000.00	$ 5,000.00	$ 20,000.00	$ 25,000.00
11.02	11,010-108-B-0	MONUMENT PRESERVATION AND REPLACEMENT	LS	0.2	0.8	1	$ 5,000.00	$ 1,000.00	$ 4,000.00	$ 5,000.00
11.03	11,050-108-A-0	CONCRETE WASHOUT	LS	0.2	0.8	1	$ 10,000.00	$ 2,000.00	$ 8,000.00	$ 10,000.00
11.04	SPECIAL	PROJECT SIGN	EA	0	2	2	$ 1,500.00	$ -	$ 3,000.00	$ 3,000.00

	Division 1 RISE Eligible Costs	Division 2 Non-RISE Eligible Costs	Total Project Construction Costs
Total Construction Costs =	$ 296,614.50	$ 1,914,789.50	$ 2,211,404.00

VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:

S. 85th Street - Mills Civic Pkwy to Cascade Avenue

LOCATION: **Exhibit "A"**

DRAWN BY: JDR	DATE: 1/14/2019	PROJECT NUMBER/NAME: 0510-007-2019	SHT. 1 of 1