CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: February 19, 2019

ITEM:

Resolution - Ordering Construction
SW 60th Street Phase 1 – Veterans Parkway South

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for SW 60th Street Phase 1 – Veterans Parkway South is $2,571,245.00. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Osmium Urban Renewal Area revenues.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, March 13, 2019 and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, March 18, 2019. The contract would be awarded on Monday, March 18, 2019 and work will begin shortly thereafter.

The project will include construction of three (3) segments of urban street to serve Project Osmium (Microsoft). The first segment will be the regrading and construction of a portion of the existing SW 60th Street alignment north of Cumming Road. The second segment will be the regrading and construction of a portion of the existing 110th Lane alignment between the aforementioned SW 60th Street alignment and a new proposed realignment of SW 60th Street. The third segment will be the grading and construction of a realignment portion of SW 60th Street between the previously mentioned 110th Lane and the proposed construction of the Veterans Parkway extension. Construction activities will include grading, storm sewer, water main, paving, surface restoration, and all other related work. This project is anticipated to be completed by October 15, 2019.

Phase 2 of this project, as shown on the attached vicinity map, is currently being considered and will only be constructed if City Staff can reach an agreement with the affected property owners.

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 Ordering Construction of the SW 60th Street Phase 1 – Veterans Parkway South.
- Fixing 2:00 p.m. on Wednesday, March 13, 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			
Date Reviewed			
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:

SW 60th Street Phase 1 – Veterans Parkway South
Project No. 0510-013-2017

is hereby ordered to be constructed according to the Plans and Specifications prepared by Snyder & Associates, 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, March 18, 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, March 13, 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, March 13, 2019 and the results of said bids shall be considered at a meeting of this Council on Monday, March 18, 2019 at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED on this **19th** day of **February, 2019.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

OPINION OF PROBABLE CONSTRUCTION COSTS

SNYDER & ASSOCIATES

SW 60TH STREET PHASE 1 - VETERANS PARKWAY SOUTH

WEST DES MOINES, IOWA
0510-013-2017

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
	EARTHWORK				
2.1	Clearing and Grubbing	4.25	AC	$ 7,500.00	$ 31,875.00
2.2	Topsoil On-Site	6900	CY	$ 8.00	$ 55,200.00
2.3	Excavation, Class 10	21000	CY	$ 6.00	$ 126,000.00
2.4	Excavation, Class 10, Waste	12000	CY	$ 10.00	$ 120,000.00
2.5	Subgrade Preparation, 12 Inches	14300	SY	$ 3.00	$ 42,900.00
2.6	Subgrade Treatment, Fly Ash	150	TON	$ 150.00	$ 22,500.00
2.7	Below Grade Excavation (Core Out)	1200	CY	$ 20.00	$ 24,000.00
	SEWERS AND DRAINS				
4.1	Storm Sewer, Trenched, 15"	1375	LF	$ 65.00	$ 89,375.00
4.2	Storm Sewer, Trenched, 18"	268	LF	$ 75.00	$ 20,100.00
4.3	Storm Sewer, Trenched, 24"	1092	LF	$ 75.00	$ 81,900.00
4.4	Storm Sewer, Trenched, 30"	511	LF	$ 130.00	$ 66,430.00
4.5	Storm Sewer, Trenched, 36"	941	LF	$ 150.00	$ 141,150.00
4.6	Pipe Apron, RCP, 15"	1	EA	$ 1,250.00	$ 1,250.00
4.7	Pipe Apron, RCP, 30"	1	EA	$ 1,500.00	$ 1,500.00
4.8	Pipe Apron, RCP, 36"	1	EA	$ 3,250.00	$ 3,250.00
4.9	Footing for Concrete Pipe Apron, RCP, 15"	1	EA	$ 300.00	$ 300.00
4.10	Footing for Concrete Pipe Apron, RCP, 30"	1	EA	$ 450.00	$ 450.00
4.11	Footing for Concrete Pipe Apron, RCP, 36"	1	EA	$ 600.00	$ 600.00
4.12	Subdrain, Type 1, 6"	5578	LF	$ 15.00	$ 83,670.00
4.13	Subdrain Outlets and Connections, CMP, 8"	49	EA	$ 250.00	$ 12,250.00
	WATER MAIN AND APPURTENANCES				
5.1	Water Main, Trenched, PVC, 8"	2279	LF	$ 65.00	$ 148,135.00
5.2	Water Main, Trenched, PVC, 12"	1224	LF	$ 80.00	$ 97,920.00
5.3	Fitting, Cross, 12" x 12"	1	EA	$ 2,500.00	$ 2,500.00
5.4	Fitting, 8" x 12" Reducer	1	EA	$ 2,500.00	$ 2,500.00
5.5	Fitting, 45° Elbow, 8"	2	EA	$ 600.00	$ 1,200.00
5.6	Fitting, 22.5° Elbow, 12"	2	EA	$ 800.00	$ 1,600.00
5.7	Valve, Gate, 8"	6	EA	$ 2,200.00	$ 13,200.00
5.8	Valve, Gate, 12"	4	EA	$ 2,500.00	$ 10,000.00
5.9	Fire Hydrant Assembly	15	EA	$ 3,500.00	$ 52,500.00
	STRUCTURES FOR SANITARY AND STORM				
6.1	Manhole, SW-401, 60"	1	EA	$ 6,000.00	$ 6,000.00
6.2	Manhole, SW-406, 5' x 5'	2	EA	$ 6,000.00	$ 12,000.00
6.3	Intake, SW-501	6	EA	$ 3,000.00	$ 18,000.00
6.4	Intake, Modified SW-501	2	EA	$ 3,500.00	$ 7,000.00
6.5	Intake, SW-503	11	EA	$ 4,500.00	$ 49,500.00
6.6	Intake, Modified SW-503	1	EA	$ 5,000.00	$ 5,000.00
6.7	Intake, SW-505	4	EA	$ 5,000.00	$ 20,000.00
6.8	Intake, Modified SW-505	1	EA	$ 5,500.00	$ 5,500.00
6.9	Intake, SW-506	3	EA	$ 7,500.00	$ 22,500.00
6.10	Intake, Modified SW-506	1	EA	$ 8,000.00	$ 8,000.00
6.11	Intake, Modified SW-506 (6.5' x 7.75')	4	EA	$ 9,000.00	$ 36,000.00

OPINION OF PROBABLE CONSTRUCTION COSTS

SNYDER & ASSOCIATES

SW 60TH STREET PHASE 1 - VETERANS PARKWAY SOUTH

WEST DES MOINES, IOWA
0510-013-2017

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
	STREETS AND RELATED WORK				
7.1	Pavement, PCC, 8 In. Reinforced	6853	SY	$ 60.00	$ 411,180.00
7.2	Pavement, PCC, 9 In. Reinforced	5726	SY	$ 65.00	$ 372,190.00
7.3	PCC Pavement Samples and Testing	1	LS	$ 5,000.00	$ 5,000.00
7.4	Sidewalk, PCC, 4 In.	1881	SY	$ 40.00	$ 75,240.00
7.5	Driveway, Paved, PCC, 7 In.	585	SY	$ 60.00	$ 35,100.00
7.6	Granular Surfacing	300	TON	$ 35.00	$ 10,500.00
	TRAFFIC CONTROL				
8.1	Painted Pavement Markings, Solvent/Waterborne	30.2	STA	$ 150.00	$ 4,530.00
8.2	Painted Symbols and Legends, Solvent/Waterborne	6	EA	$ 125.00	$ 750.00
8.3	Temporary Traffic Control	1	LS	$ 15,000.00	$ 15,000.00
	SITE WORK AND LANDSCAPING				
9.1	Conventional Seeding, Seeding, Fertilizing, and Mulching, Rescue Plus	3.1	AC	$ 3,500.00	$ 10,850.00
9.2	Conventional Seeding, Seeding, Fertilizing, and Mulching, Type 2	3.9	AC	$ 2,000.00	$ 7,800.00
9.3	SWPPP Preparation	1	LS	$ 5,000.00	$ 5,000.00
9.4	SWPPP Management	1	LS	$ 6,000.00	$ 6,000.00
9.5	Filter Sock, 8"	9000	LF	$ 3.00	$ 27,000.00
9.6	Filter Sock, Removal	9000	LF	$ 1.00	$ 9,000.00
9.7	Temporary RECP, Type 2C	4000	SY	$ 2.00	$. 8,000.00
9.8	Rip Rap, Class E Revetment	125	TON	$ 60.00	$ 7,500.00
9.9	Rip Rap, Erosion Stone	15	TON	$ 50.00	$ 750.00
9.10	Silt Fence or Silt Fence Ditch Check	10000	LF	$ 3.00	$ 30,000.00
9.11	Silt Fence or Silt Fence Ditch Check, Removal of Sediment	10000	LF	$ 2.00	$ 20,000.00
9.12	Silt Fence or Silt Fence Ditch Check, Removal of Device	10000	LF	$ 1.00	$ 10,000.00
9.13	Inlet Protection Device, Sediment Basket	46	EA	$ 200.00	$ 9,200.00
9.14	Inlet Protection Device, Maintenance	92	EA	$ 50.00	$ 4,600.00
9.15	Inlet Protection Device, Removal	46	EA	$ 50.00	$ 2,300.00
	GENERAL PROVISIONS				
11.1	Construction Survey	1	LS	$ 25,000.00	$ 25,000.00
11.2	Maintenance of Postal Service	1	LS	$ 2,500.00	$ 2,500.00
11.3	Maintenance of Solid Waste Collection	1	LS	$ 2,500.00	$ 2,500.00
11.4	Concrete Washout	1	LS	$ 10,000.00	$ 10,000.00
				TOTAL PROJECT COST:	**$ 2,571,245.00**

OPINION OF PROBABLE CONSTRUCTION COSTS

SNYDER & ASSOCIATES

SW 60TH STREET PHASE 1 - VETERANS PARKWAY SOUTH

WEST DES MOINES, IOWA
0510-013-2017

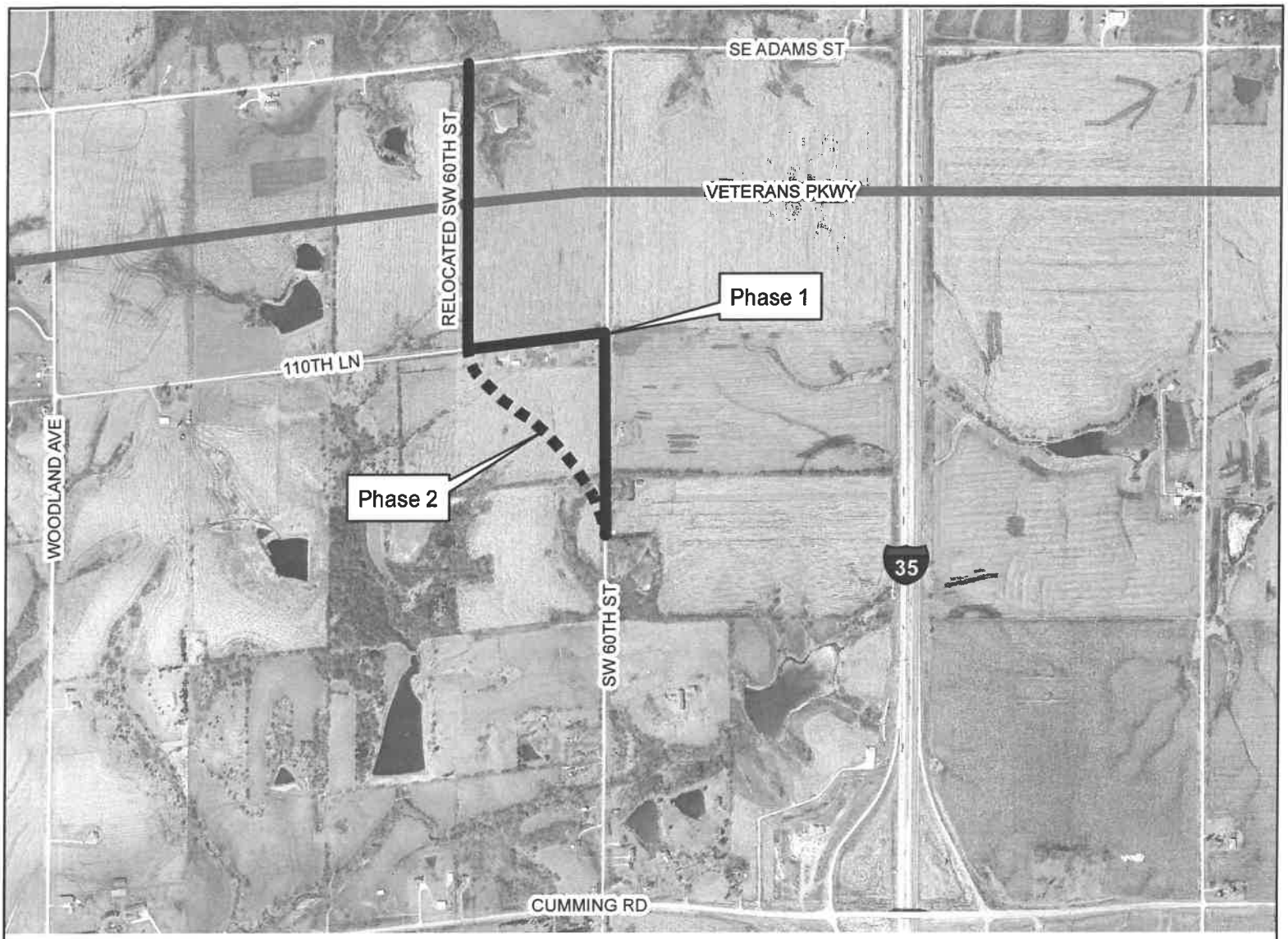
ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE

LICENSED PROFESSIONAL ENGINEER
GABRIEL A. NELSON
17382
IOWA

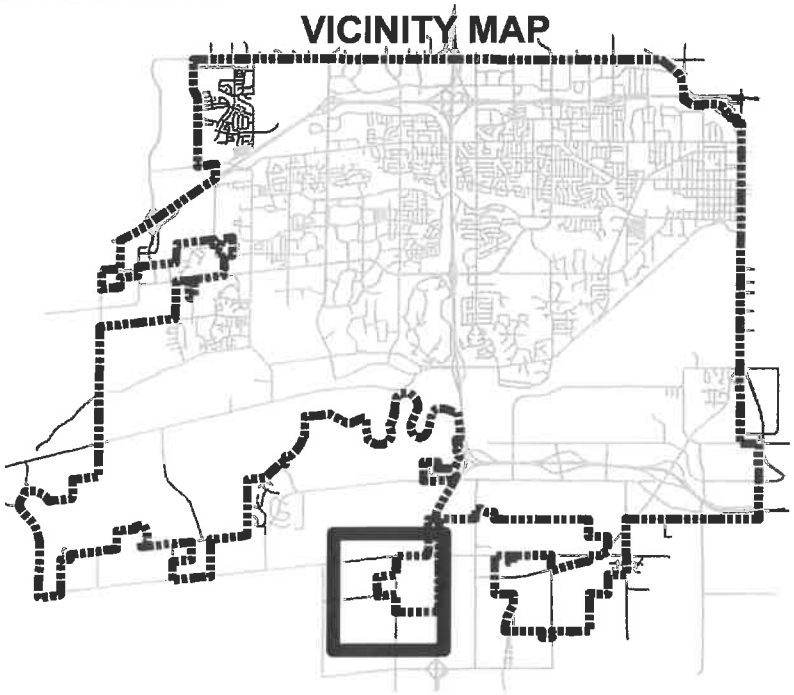
I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed professional engineer under the laws of the State of Iowa.

02/12/19
Date

Gabriel A. Nelson, P.E.
My License Number : 17382
My License Renewal Date is December 31, 2020



VICINITY MAP



LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES	PROJECT: **SW 60th Street - Phase 1**		
	LOCATION: **Exhibit "A"**		
	DRAWN BY: JDR	DATE: 2/12/19	PROJECT: 0510-013-2017	SHT. 1 of 1