CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: April 17, 2023

ITEM:

Public Hearing (5:35 p.m.)
SE Adams Street - Veterans Parkway to SE Orilla Road

FINANCIAL IMPACT:

The revised (per addendum and mathematical errors) Engineering Estimate of Construction Cost was estimated to be $1,027,693.00 (originally $1,028,330.30) for SE Adams Street - Veterans Parkway to SE Orilla Road. There were five (5) bids submitted with the low bid of $730,273.50 being submitted by Alliance Construction Group, LLC of Urbandale, IA. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Tax Increment Financing (TIF) revenue collected from within the Alluvion Urban Renewal Area TIF. West Des Moines Water Works will be responsible for reimbursing the City of West Des Moines for the construction of the cul-de-sac and associated sidewalk nearest the new water tower site.

BACKGROUND:

The project includes the reconstruction of SE Adams Street from SE Orilla Road to the site of a new West Des Moines Water Works water tower. SE Adams Street will be reconstructed from an existing 2-lane rural gravel road to a 2-lane urban concrete roadway (local street classification), including a cul-de-sac at the entrance to the water tower site. The remainder of existing SE Adams Street from the water tower site to Veterans Parkway will be removed. The water tower is being constructed as part of separate project and is tentatively scheduled to be completed mid-year 2023. Construction access to the water tower site as well as to each of the abutting residences will be maintained throughout the roadway construction. The project is anticipated to be completed by October 29, 2023.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for SE Adams Street - Veterans Parkway to SE Orilla Road;
- Motion receiving and filing Report of Bids;
- Resolution awarding the construction contract to Alliance Construction Group, LLC.

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	Des Moines Register
Dates(s) Published	March 31, 2023

SUBCOMMITTEE INFORMED (if applicable)

Committee	Public Services
Date Informed	April 10, 2023
No Deliberation or Action Taken	

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

WHEREAS, on March 20, 2023, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

SE Adams Street - Veterans Parkway to SE Orilla Road
Project No. 0510-078-2021

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 **April, 2023.**

_____
Russ Trimble, 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:

SE Adams Street - Veterans Parkway to SE Orilla Road
Project No. 0510-078-2021

and,

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

WHEREAS, the bid of Alliance Construction Group, LLC in the amount of $730,273.50 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, that a contract for SE Adams Street - Veterans Parkway to SE Orilla Road is hereby awarded to Alliance Construction Group, LLC in the amount of $730,273.50 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 **April, 2022.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

BID TABULATION - SHEET 1 of 2

SE ADAMS STREET - VETERANS PARKWAY TO SE ORILLA ROAD
WEST DES MOINES, IOWA
PROJECT NO. 0510-078-2021
BID LETTING DATE: APRIL 5, 2023 - 2:00 PM
BID LETTING LOCATION: CITY HALL, 4200 MILLS CIVIC PARKWAY, WEST DES MOINES, IA 50265

HNTB

					ENGINEER'S ESTIMATE		ALLIANCE CONSTRUCTION GROUP		ABSOLUTE GROUP	
ITEM NO.	ITEM CODE	CONSTRUCTION ITEM	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
DIVISION 2 - EARTHWORK										
2.01	2010-A	CLEARING AND GRUBBING	UNIT	653	$ 27.00	$ 17,631.00	$ 13.75	$ 8,978.75	$ 15.00	$ 9,795.00
2.02	2010-B	CLEARING AND GRUBBING	AC	2.50	$ 4,000.00	$ 10,000.00	$ 1,600.00	$ 4,000.00	$ 100.00	$ 250.00
2.03	2010-D	TOPSOIL, ON-SITE	CY	1698	$ 40.00	$ 67,920.00	$ 11.00	$ 18,678.00	$ 13.25	$ 22,498.50
2.04	2010-D	TOPSOIL, OFF-SITE	CY	601	$ 60.00	$ 36,060.00	$ 17.50	$ 10,517.50	$ 51.00	$ 30,651.00
2.05	2010-E	EXCAVATION, CL 10, WASTE	CY	305	$ 40.00	$ 12,200.00	$ 15.25	$ 4,651.25	$ 16.00	$ 4,880.00
2.06	2010-E	EXCAVATION, CL 10, ROADWAY AND BORROW	CY	3670	$ 40.00	$ 146,800.00	$ 5.25	$ 19,267.50	$ 6.00	$ 22,020.00
2.07	2010-E	EMBANKMENT IN PLACE, CONTRACTOR FURNISHED	CY	684	$ 50.00	$ 34,200.00	$ 15.00	$ 10,260.00	$ 21.25	$ 14,535.00
2.08	2010-G	SUBGRADE PREPARATION, 9 IN.	SY	4557	$ 2.50	$ 11,392.50	$ 2.75	$ 12,531.75	$ 3.50	$ 15,949.50
2.09	2010-H	SUBGRADE TREATMENT, 2% CEMENT	SY	1139	$ 10.00	$ 11,390.00	$ 14.75	$ 16,800.25	$ 3.00	$ 3,417.00
2.10	2010-H	CEMENT (2% AT 110 PCF)	TON	8.5	$ 60.00	$ 510.00	$ 275.00	$ 2,337.50	$ 245.00	$ 2,082.50
2.11	2010-J	SUBBASE, MODIFIED, 4 IN.	CY	488	$ 40.00	$ 19,520.00	$ 60.00	$ 29,280.00	$ 70.50	$ 34,404.00
2.12	2010-J	REMOVAL OF KNOWN PIPE CULVERT, RCP, < 36 IN.	LF	190	$ 20.00	$ 3,800.00	$ 27.00	$ 5,130.00	$ 22.00	$ 4,180.00
DIVISION 4 - SEWERS AND DRAINS										
4.01	4020-A-1	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D (CLASS III), 15 IN.	LF	306	$ 120.00	$ 36,720.00	$ 82.00	$ 25,092.00	$ 83.00	$ 25,398.00
4.02	4020-A-1	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D (CLASS III), 18 IN.	LF	177	$ 160.00	$ 28,320.00	$ 83.00	$ 14,691.00	$ 87.50	$ 15,487.50
4.03	4030-B	PIPE APRON, CONCRETE, DR-201, 15 IN.	EACH	1	$ 2,000.00	$ 2,000.00	$ 2,900.00	$ 2,900.00	$ 3,350.00	$ 3,350.00
4.04	4030-B	PIPE APRON, CONCRETE, DR-201, 18 IN.	EACH	1	$ 1,600.00	$ 1,600.00	$ 3,100.00	$ 3,100.00	$ 3,850.00	$ 3,850.00
4.05	4040-A	SUBDRAIN, TYPE 1, 6 IN.	LF	2885	$ 30.00	$ 62,550.00	$ 19.25	$ 40,136.25	$ 23.20	$ 48,372.00
4.06	4040-D	SUBDRAIN CONNECTION TO INTAKE OR STORM SEWER	EACH	13	$ 300.00	$ 3,900.00	$ 450.00	$ 5,850.00	$ 455.00	$ 5,915.00
DIVISION 5 - WATER MAINS AND APPURTENCES										
5.01	5020-F	VALVE BOX ADJUSTMENT, MINOR	EACH	8	$ 300.00	$ 2,400.00	$ 825.00	$ 6,600.00	$ 550.00	$ 4,400.00
5.02	5020-I	FIRE HYDRANT ADJUSTMENT	EACH	2	$ 4,000.00	$ 8,000.00	$ 3,100.00	$ 6,200.00	$ 2,985.00	$ 5,970.00
5.03	5020-J	FIRE HYDRANT RELOCATION	EACH	1	$ 7,000.00	$ 7,000.00	$ 5,000.00	$ 5,000.00	$ 5,115.00	$ 5,115.00
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS										
6.01	6010-A	MANHOLE, STORM SEWER, SW-401, 48 IN.	EACH	1	$ 15,000.00	$ 15,000.00	$ 6,100.00	$ 6,100.00	$ 5,750.00	$ 5,750.00
6.02	6010-B	INTAKE, SINGLE GRATE WITH MANHOLE, SW-503	EACH	1	$ 6,000.00	$ 6,000.00	$ 7,900.00	$ 7,900.00	$ 7,500.00	$ 7,500.00
6.03	6010-B	INTAKE, DOUBLE GRATE, SW-505	EACH	5	$ 6,000.00	$ 30,000.00	$ 5,525.00	$ 27,625.00	$ 6,255.00	$ 31,275.00
6.04	6010-B	INTAKE, DOUBLE GRATE WITH MANHOLE, SW-506	EACH	3	$ 7,600.00	$ 22,800.00	$ 9,400.00	$ 28,200.00	$ 9,990.00	$ 29,970.00
6.05	6010-H	REMOVE EXISTING MANHOLE	EACH	1	$ 1,000.00	$ 1,000.00	$ 1,100.00	$ 1,100.00	$ 1,150.00	$ 1,150.00
DIVISION 7 - STREETS AND RELATED WORK										
7.01	7010-A	PAVEMENT, PCC, 6 IN. REINFORCED	SY	3781	$ 70.00	$ 264,670.00	$ 63.00	$ 238,203.00	$ 65.00	$ 245,765.00
7.02	7030-E	SIDEWALK, PCC, 4 IN.	SY	106	$ 60.00	$ 6,360.00	$ 63.00	$ 6,678.00	$ 70.00	$ 7,420.00
7.03	7030-E	SIDEWALK, PCC, 6 IN.	SY	56	$ 80.00	$ 4,480.00	$ 87.00	$ 4,872.00	$ 100.00	$ 5,600.00
7.04	7030-H-1	DRIVEWAY, PAVED, PCC, 6 IN.	SY	168	$ 70.00	$ 11,760.00	$ 85.00	$ 14,280.00	$ 80.00	$ 13,440.00
7.05	7030-H-1	DRIVEWAY, PAVED, PCC, 8 IN. REINFORCED	SY	65	$ 120.00	$ 7,800.00	$ 96.00	$ 6,240.00	$ 110.00	$ 7,150.00
7.06	7030-H-2	DRIVEWAY, GRANULAR	TON	31	$ 50.00	$ 1,550.00	$ 37.00	$ 1,147.00	$ 54.00	$ 1,674.00
7.07	7030-H-2	DRIVEWAY, GRANULAR (TEMPORARY ACCESS)	TON	548	$ 50.00	$ 27,400.00	$ 50.00	$ 27,400.00	$ 41.00	$ 22,468.00
7.08	7040-H	PAVEMENT REMOVAL	SY	13	$ 20.00	$ 260.00	$ 120.00	$ 1,560.00	$ 49.00	$ 637.00
DIVISION 8 - TRAFFIC CONTROL AND SIGNALIZATION										
8.01	8030-A	TEMPORARY TRAFFIC CONTROL	LS	1	$ 30,000.00	$ 30,000.00	$ 50,000.00	$ 50,000.00	$ 17,000.00	$ 17,000.00
DIVISION 9 - SITE WORK AND LANDSCAPING										
9.01	9010-A	CONVENTIONAL SEEDING, TYPE 1, FERTILIZING, AND MULCHING	AC	2.90	$ 4,000.00	$ 11,600.00	$ 3,100.00	$ 8,990.00	$ 6,000.00	$ 17,400.00
9.02	9040-A-1	SWPPP PREPARATION	LS	1	$ 2,000.00	$ 2,000.00	$ 2,100.00	$ 2,100.00	$ 1,500.00	$ 1,500.00
9.03	9040-A-2	SWPPP MANAGEMENT	LS	1	$ 3,000.00	$ 3,000.00	$ 2,100.00	$ 2,100.00	$ 3,600.00	$ 3,600.00
9.04	9040-D-1	FILTER SOCK, 12 IN.	LF	193	$ 5.00	$ 965.00	$ 2.50	$ 482.50	$ 4.00	$ 772.00
9.05	9040-D-2	FILTER SOCK, 12 IN., MAINTENANCE AND REMOVAL	LF	209	$ 2.00	$ 418.00	$ 0.75	$ 156.75	$ 2.00	$ 418.00
9.06	9040-J-B	EROSION STONE	TON	32	$ 50.00	$ 1,600.00	$ 70.00	$ 2,240.00	$ 78.00	$ 2,496.00
9.07	9040-N-1	SILT FENCE OR SILT FENCE DITCH CHECK, INSTALLATION	LF	1982	$ 3.50	$ 6,937.00	$ 1.50	$ 2,973.00	$ 2.00	$ 3,964.00
9.08	9040-N-2	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	LF	159	$ 1.00	$ 159.00	$ 1.00	$ 159.00	$ 0.10	$ 15.90
9.09	9040-N-3	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	2141	$ 0.50	$ 1,070.50	$ 0.50	$ 1,070.50	$ 0.10	$ 214.10
9.10	9040-Q-2	HYDROMULCHING	AC	2.90	$ 4,000.00	$ 11,600.00	$ 1,900.00	$ 5,510.00	$ 3,000.00	$ 8,700.00
9.11	9040-T-1	INLET PROTECTION DEVICE, SEDIMENT FILTER BAG	EACH	17	$ 200.00	$ 3,400.00	$ 175.00	$ 2,975.00	$ 200.00	$ 3,400.00
9.12	9040-T-2	INLET PROTECTION DEVICE, MAINTENANCE AND REMOVAL	EACH	17	$ 50.00	$ 850.00	$ 30.00	$ 510.00	$ 25.00	$ 425.00
DIVISION 11 - MISCELLANEOUS										
11.01	11010-A	CONSTRUCTION SURVEY	LS	1	$ 20,000.00	$ 20,000.00	$ 17,000.00	$ 17,000.00	$ 20,000.00	$ 20,000.00
11.02	11030-A-1	MAINTENANCE OF POSTAL SERVICE	LS	1	$ 3,000.00	$ 3,000.00	$ 1,100.00	$ 1,100.00	$ 10,000.00	$ 10,000.00
11.03	11030-A-2	REMOVAL OF EXISTING MAILBOXES	EACH	4	$ 50.00	$ 200.00	$ 325.00	$ 1,300.00	$ 300.00	$ 1,200.00
11.04	11030-A-3	INSTALLATION OF MAILBOXES	EACH	4	$ 100.00	$ 400.00	$ 325.00	$ 1,300.00	$ 300.00	$ 1,200.00
11.05	11030-B	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 10,000.00	$ 10,000.00
11.06	11050-A	CONCRETE WASHOUT	LS	1	$ 2,500.00	$ 2,500.00	$ 2,000.00	$ 2,000.00	$ 5,000.00	$ 5,000.00
						TOTAL $ 1,027,693.00		$ 730,273.50		$ 769,624.00

BID TABULATION - SHEET 2 of 2

SE ADAMS STREET - VETERANS PARKWAY TO SE ORILLA ROAD
WEST DES MOINES, IOWA
PROJECT NO. 0510-078-2021
BID LETTING DATE: APRIL 5, 2023 - 2:00 PM
BID LETTING LOCATION: CITY HALL, 4200 MILLS CIVIC PARKWAY, WEST DES MOINES, IA 50265

HNTB

					CORELL CONTRACTOR		ALL-STAR CONCRETE		CONCRETE TECHNOLOGY, INC.	
ITEM NO.	ITEM CODE	CONSTRUCTION ITEM	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
DIVISION 2 - EARTHWORK										
2.01	2010-A	CLEARING AND GRUBBING	UNIT	653	$ 15.50	$ 10,121.50	$ 13.50	$ 8,815.50	$ 21.00	$ 13,713.00
2.02	2010-B	CLEARING AND GRUBBING	AC	2.50	$ 8,735.00	$ 21,837.50	$ 1,500.00	$ 3,750.00	$ 1,575.00	$ 3,937.50
2.03	2010-D	TOPSOIL, ON-SITE	CY	1698	$ 15.00	$ 25,470.00	$ 10.63	$ 18,049.74	$ 15.75	$ 26,743.50
2.04	2010-D	TOPSOIL, OFF-SITE	CY	601	$ 18.00	$ 10,818.00	$ 17.25	$ 10,367.25	$ 18.75	$ 11,268.75
2.05	2010-E	EXCAVATION, CL 10, WASTE	CY	305	$ 11.45	$ 3,492.25	$ 14.98	$ 4,568.90	$ 15.75	$ 4,803.75
2.06	2010-E	EXCAVATION, CL 10, ROADWAY AND BORROW	CY	3670	$ 7.15	$ 26,240.50	$ 4.97	$ 18,239.90	$ 7.50	$ 27,525.00
2.07	2010-E	EMBANKMENT IN PLACE, CONTRACTOR FURNISHED	CY	684	$ 16.00	$ 10,944.00	$ 14.57	$ 9,965.88	$ 16.75	$ 11,457.00
2.08	2010-G	SUBGRADE PREPARATION, 9 IN.	SY	4557	$ 4.25	$ 19,367.25	$ 2.57	$ 11,711.49	$ 4.50	$ 20,506.50
2.09	2010-H	SUBGRADE TREATMENT, 2% CEMENT	SY	1139	$ 3.30	$ 3,758.70	$ 14.54	$ 16,561.06	$ 15.25	$ 17,369.75
2.10	2010-H	CEMENT (2% AT 110 PCF)	TON	8.5	$ 269.50	$ 2,290.75	$ 267.70	$ 2,275.45	$ 283.00	$ 2,405.50
2.11	2010-J	SUBBASE, MODIFIED, 4 IN.	CY	488	$ 66.00	$ 32,208.00	$ 59.26	$ 28,918.88	$ 69.25	$ 33,794.00
2.12	2010-J	REMOVAL OF KNOWN PIPE CULVERT, RCP, < 36 IN.	LF	190	$ 48.00	$ 9,120.00	$ 26.32	$ 5,000.80	$ 28.00	$ 5,320.00
DIVISION 4 - SEWERS AND DRAINS										
4.01	4020-A-1	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D (CLASS III), 15 IN.	LF	306	$ 81.30	$ 24,877.80	$ 81.73	$ 25,009.38	$ 85.50	$ 26,163.00
4.02	4020-A-1	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D (CLASS III), 18 IN.	LF	177	$ 84.30	$ 14,921.10	$ 80.17	$ 14,190.09	$ 88.50	$ 15,664.50
4.03	4030-B	PIPE APRON, CONCRETE, DR-201, 15 IN.	EACH	1	$ 2,950.00	$ 2,950.00	$ 2,854.00	$ 2,854.00	$ 3,100.00	$ 3,100.00
4.04	4030-B	PIPE APRON, CONCRETE, DR-201, 18 IN.	EACH	1	$ 3,175.00	$ 3,175.00	$ 3,057.00	$ 3,057.00	$ 3,335.00	$ 3,335.00
4.05	4040-A	SUBDRAIN, TYPE 1, 6 IN.	LF	2085	$ 25.60	$ 53,376.00	$ 18.93	$ 39,469.05	$ 26.75	$ 55,773.75
4.06	4040-D	SUBDRAIN CONNECTION TO INTAKE OR STORM SEWER	EACH	13	$ 182.00	$ 2,366.00	$ 447.00	$ 5,811.00	$ 470.00	$ 6,110.00
DIVISION 5 - WATER MAINS AND APPURTENCES										
5.01	5020-F	VALVE BOX ADJUSTMENT, MINOR	EACH	8	$ 895.00	$ 7,160.00	$ 792.25	$ 6,338.00	$ 940.00	$ 7,520.00
5.02	5020-I	FIRE HYDRANT ADJUSTMENT	EACH	2	$ 4,010.00	$ 8,020.00	$ 3,057.50	$ 6,115.00	$ 4,210.00	$ 8,420.00
5.03	5020-J	FIRE HYDRANT RELOCATION	EACH	1	$ 4,850.00	$ 4,850.00	$ 4,882.00	$ 4,882.00	$ 5,095.00	$ 5,095.00
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS										
6.01	6010-A	MANHOLE, STORM SEWER, SW-401, 48 IN.	EACH	1	$ 11,375.00	$ 11,375.00	$ 6,005.00	$ 6,005.00	$ 6,305.00	$ 6,305.00
6.02	6010-B	INTAKE, SINGLE GRATE WITH MANHOLE, SW-503	EACH	1	$ 7,094.00	$ 7,094.00	$ 7,725.00	$ 7,725.00	$ 7,450.00	$ 7,450.00
6.03	6010-B	INTAKE, DOUBLE GRATE, SW-505	EACH	5	$ 6,203.00	$ 31,015.00	$ 5,471.00	$ 27,355.00	$ 6,510.00	$ 32,550.00
6.04	6010-B	INTAKE, DOUBLE GRATE WITH MANHOLE, SW-506	EACH	3	$ 10,320.00	$ 30,960.00	$ 9,294.00	$ 27,882.00	$ 10,835.00	$ 32,505.00
6.05	6010-H	REMOVE EXISTING MANHOLE	EACH	1	$ 1,972.00	$ 1,972.00	$ 1,000.00	$ 1,000.00	$ 7,400.00	$ 7,400.00
DIVISION 7 - STREETS AND RELATED WORK										
7.01	7010-A	PAVEMENT, PCC, 6 IN. REINFORCED	SY	3781	$ 62.40	$ 235,934.40	$ 86.00	$ 325,166.00	$ 65.00	$ 245,765.00
7.02	7030-E	SIDEWALK, PCC, 4 IN.	SY	106	$ 62.50	$ 6,625.00	$ 70.00	$ 7,420.00	$ 60.00	$ 6,360.00
7.03	7030-E	SIDEWALK, PCC, 6 IN.	SY	56	$ 87.50	$ 4,900.00	$ 95.00	$ 5,320.00	$ 69.50	$ 3,892.00
7.04	7030-H-1	DRIVEWAY, PAVED, PCC, 6 IN.	SY	168	$ 90.20	$ 15,153.60	$ 70.00	$ 11,760.00	$ 86.00	$ 14,448.00
7.05	7030-H-1	DRIVEWAY, PAVED, PCC, 8 IN. REINFORCED	SY	65	$ 101.20	$ 6,578.00	$ 95.00	$ 6,175.00	$ 96.75	$ 6,288.75
7.06	7030-H-2	DRIVEWAY, GRANULAR	TON	31	$ 58.25	$ 1,805.75	$ 36.11	$ 1,119.41	$ 61.25	$ 1,898.75
7.07	7030-H-2	DRIVEWAY, GRANULAR (TEMPORARY ACCESS)	TON	548	$ 73.50	$ 40,278.00	$ 48.67	$ 26,671.16	$ 77.25	$ 42,333.00
7.08	7040-H	PAVEMENT REMOVAL	SY	13	$ 145.00	$ 1,885.00	$ 115.40	$ 1,500.20	$ 152.00	$ 1,976.00
DIVISION 8 - TRAFFIC CONTROL AND SIGNALIZATION										
8.01	8030-A	TEMPORARY TRAFFIC CONTROL	LS	1	$ 9,625.00	$ 9,625.00	$ 26,550.00	$ 26,550.00	$ 7,500.00	$ 7,500.00
DIVISION 9 - SITE WORK AND LANDSCAPING										
9.01	9010-A	CONVENTIONAL SEEDING, TYPE 1, FERTILIZING, AND MULCHING	AC	2.90	$ 6,600.00	$ 19,140.00	$ 3,000.00	$ 8,700.00	$ 6,300.00	$ 18,270.00
9.02	9040-A-1	SWPPP PREPARATION	LS	1	$ 1,650.00	$ 1,650.00	$ 2,000.00	$ 2,000.00	$ 2,500.00	$ 2,500.00
9.03	9040-A-2	SWPPP MANAGEMENT	LS	1	$ 3,960.00	$ 3,960.00	$ 2,000.00	$ 2,000.00	$ 5,000.00	$ 5,000.00
9.04	9040-D-1	FILTER SOCK, 12 IN.	LF	193	$ 4.50	$ 868.50	$ 2.25	$ 434.25	$ 4.25	$ 820.25
9.05	9040-D-2	FILTER SOCK, 12 IN., MAINTENANCE AND REMOVAL	LF	209	$ 2.20	$ 459.80	$ 0.50	$ 104.50	$ 2.25	$ 470.25
9.06	9040-J-0	EROSION STONE	TON	32	$ 94.25	$ 3,016.00	$ 66.38	$ 2,124.16	$ 99.00	$ 3,168.00
9.07	9040-N-1	SILT FENCE OR SILT FENCE DITCH CHECK, INSTALLATION	LF	1982	$ 2.05	$ 4,063.10	$ 1.50	$ 2,973.00	$ 2.00	$ 3,964.00
9.08	9040-N-2	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	LF	159	$ 0.10	$ 15.90	$ 1.00	$ 159.00	$ 0.25	$ 39.75
9.09	9040-N-3	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	2141	$ 0.10	$ 214.10	$ 0.25	$ 535.25	$ 0.25	$ 535.25
9.10	9040-Q-2	HYDROMULCHING	AC	2.90	$ 2,750.00	$ 7,975.00	$ 1,800.00	$ 5,220.00	$ 2,625.00	$ 7,612.50
9.11	9040-T-1	INLET PROTECTION DEVICE, SEDIMENT FILTER BAG	EACH	17	$ 220.00	$ 3,740.00	$ 150.00	$ 2,550.00	$ 210.00	$ 3,570.00
9.12	9040-T-2	INLET PROTECTION DEVICE, MAINTENANCE AND REMOVAL	EACH	17	$ 27.50	$ 467.50	$ 25.00	$ 425.00	$ 26.25	$ 446.25
DIVISION 11 - MISCELLANEOUS										
11.01	11010-A	CONSTRUCTION SURVEY	LS	1	$ 12,650.00	$ 12,650.00	$ 31,800.00	$ 31,800.00	$ 40,000.00	$ 40,000.00
11.02	11030-A-1	MAINTENANCE OF POSTAL SERVICE	LS	1	$ 400.00	$ 400.00	$ 1,000.00	$ 1,000.00	$ 1,050.00	$ 1,050.00
11.03	11030-A-2	REMOVAL OF EXISTING MALBOXES	EACH	4	$ 660.00	$ 2,640.00	$ 300.00	$ 1,200.00	$ 315.00	$ 1,260.00
11.04	11030-A-3	INSTALLATION OF MAILBOXES	EACH	4	$ 660.00	$ 2,640.00	$ 500.00	$ 2,000.00	$ 315.00	$ 1,260.00
11.05	11030-B	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	$ 13,305.50	$ 13,305.50	$ 6,600.00	$ 6,600.00	$ 2,500.00	$ 2,500.00
11.06	11050-A	CONCRETE WASHOUT	LS	1	$ 2,200.00	$ 2,200.00	$ 1,800.00	$ 1,800.00	$ 7,500.00	$ 7,500.00
				TOTAL		$ 781,970.50		$ 799,224.30		$ 826,663.25

LICENSED PROFESSIONAL ENGINEER Heidi J. Lane P23539 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.

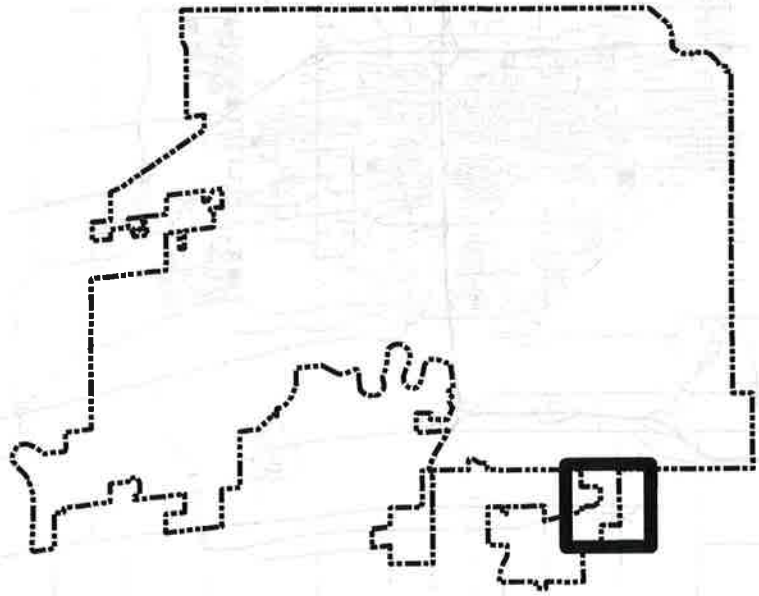
Signature: Heidi Lane Date: 4/5/2023

Printed or Typed Name: Heidi Lane

My license renewal date is December 31, 2023
License No. P23539

Pages or sheets covered by this seal: ALL SHEETS

VICINITY MAP



LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES	PROJECT: **SE Adams Street**		
	LOCATION: **Veterans Parkway to SE Orilla Road**		
	DRAWN BY: JPM	DATE: 10/26/2021	PROJECT NUMBER/NAME: 0510-078-2021	SHT. 1 of 1