# CITY OF WEST DES MOINES
# CITY COUNCIL MEETING COMMUNICATION

**DATE: May 6, 2019**

**ITEM:**

Public Hearing (5:35 p.m.)
South 81st Street & Cascade Avenue Widening

**FINANCIAL IMPACT:**

The Engineering Estimate of Construction Cost was estimated to be $750,239.20 for the South 81st Street & Cascade Avenue Widening. There were five (5) bids submitted with the low bid of $658,983.29 being submitted by Alliance Construction Group, LLC of Grimes, Iowa. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Tax Increment Financing.

**BACKGROUND:**

This project will include the widening of South 81st Street from Cascade Avenue to Mills Civic Parkway and Cascade Avenue from the end of pavement to South 81st Street to accommodate the Sammons Financial Group headquarters development. The project is anticipated to be completed by October 18, 2019.

**OUTSTANDING ISSUES:** None.

**RECOMMENDATION:**

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for South 81st Street & Cascade Avenue Widening;
- Motion receiving and filing Report of Bids;
- Resolution awarding the construction contract to Alliance Construction Group, LLC waiving bid irregularities and 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 | April 26, 2019 |

**SUBCOMMITTEE REVIEW** (if applicable)

| | | | |
|---|---|---|---|
| Committee | Public Services | | |
| Date Reviewed | April 22, 2019 | | |
| Recommendation | Yes | No | Split |

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

**WHEREAS,** on April 15, 2019, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

**South 81st Street & Cascade Avenue Widening**
**Project No. 0510-006-2019**

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 **6th** day of **May, 2019.**

_____
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:

**South 81st Street & Cascade Avenue Widening**
**Project No. 0510-006-2019**

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 Alliance Construction Group, LLC in the amount of $658,983.29 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 South 81st Street & Cascade Avenue Widening is hereby awarded to Alliance Construction Group, LLC in the amount of $658,983.29 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 **6th** day of **May, 2019.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

# BID TABULATION

## City of West Des Moines

## 2019 South 81st St and Cascade Ave Widening

## 0510-060-2019

Project Number: 18-22584

Bid Letting Time & Date: 2:00 p.m. - Wednesday, May 1, 2019

Bid Letting Location: City of West Des Moines 4200 Mills Civic Parkway Suite 2B West Des Moines, IA 50265

West Des Moines Project No. 0510-060-2019

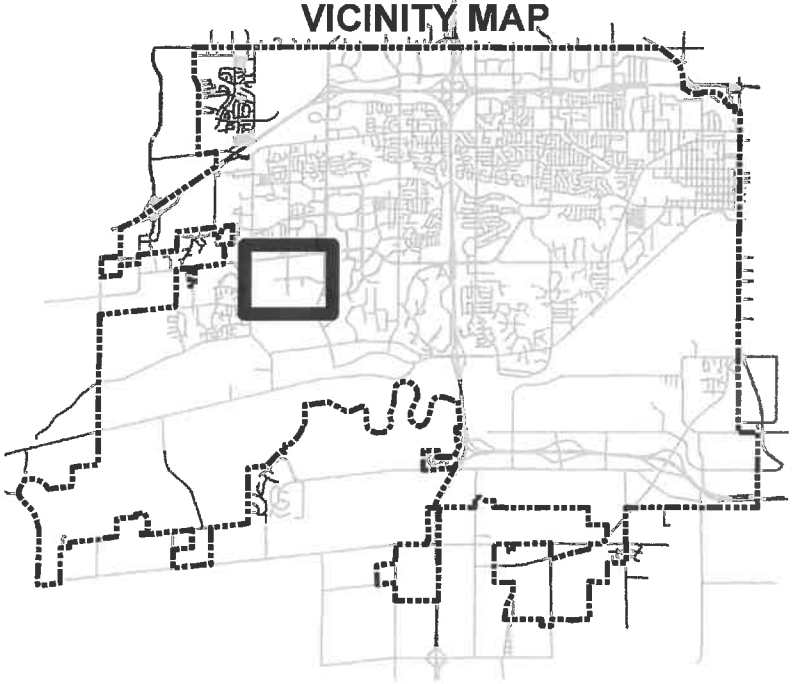
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE ACCOUNT OF BIDS RECEIVED.

DATE: May 1, 2019 LICENSED NUMBER: 20894

| Item No. | Construction Item | Unit | Quantity | Alliance Construction Group, LLC Grimes, IA Bid Bond 10% Unit Price | Amount | Shekar Engineering, P.L.C Des Moines, IA Bid Bond 10% Unit Price | Amount | Iowa Civil Contracting, Inc. Victor, IA Bid Bond 10% Unit Price | Amount | Absolute Concrete, Inc. Des Moines, IA Bid Bond 10% Unit Price | Amount | Concrete Technologies, Inc. Grimes, IA Bid Bond 10% Unit Price | Amount | Engineer's Estimate Unit Price | Amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DIVISION 2 - EARTHWORK** | | | | | | | | | | | | | | | |
| 2.1 | STRIP, SALVAGE, & SPREAD TOPSOIL, 6" | CY | 2795 | $ 16.00 | $ 44,720.00 | $ 7.70 | $ 21,521.50 | $ 10.00 | $ 27,950.00 | $ 16.40 | $ 45,838.00 | $ 20.00 | $ 55,900.00 | $ 10.00 | $ 27,950.00 |
| 2.2 | CLASS 10 EXCAVATION | CY | 2414 | $ 14.00 | $ 33,796.00 | $ 6.60 | $ 15,932.40 | $ 14.40 | $ 34,761.60 | $ 14.35 | $ 34,640.90 | $ 15.50 | $ 37,417.00 | $ 12.00 | $ 28,968.00 |
| 2.3 | SUBGRADE PREPARATION, 12" | SY | 6558 | $ 7.50 | $ 49,185.00 | $ 11.00 | $ 72,138.00 | $ 5.00 | $ 32,790.00 | $ 7.70 | $ 50,496.60 | $ 3.75 | $ 24,592.50 | $ 7.50 | $ 49,185.00 |
| 2.4 | SUBGRADE TREATMENT, FLY ASH | SY | 6558 | $ 7.00 | $ 45,906.00 | $ 15.40 | $ 100,993.20 | $ 10.00 | $ 65,580.00 | $ 8.20 | $ 53,775.60 | $ 10.50 | $ 68,859.00 | $ 10.00 | $ 65,580.00 |
| **DIVISION 4 - SEWER & DRAINS** | | | | | | | | | | | | | | | |
| 4.1 | SEWER STORM, 15" DIA. RCP. CLASS III | LF | 7 | $ 200.00 | $ 1,400.00 | $ 163.02 | $ 1,141.14 | $ 400.00 | $ 2,800.00 | $ 515.00 | $ 3,605.00 | $ 575.00 | $ 4,025.00 | $ 140.00 | $ 980.00 |
| 4.2 | SEWER STORM, 24" DIA. RCP. CLASS III | LF | 16 | $ 225.00 | $ 3,600.00 | $ 181.94 | $ 2,911.04 | $ 450.00 | $ 7,200.00 | $ 565.00 | $ 9,040.00 | $ 635.00 | $ 10,160.00 | $ 160.00 | $ 2,560.00 |
| 4.3 | CONNECTION TO EXISTING PIPE | EA | 3 | $ 1,750.00 | $ 5,250.00 | $ 1,375.00 | $ 4,125.00 | $ 1,300.00 | $ 3,900.00 | $ 1,795.00 | $ 5,385.00 | $ 2,015.00 | $ 6,045.00 | $ 2,200.00 | $ 6,600.00 |
| 4.4 | SUBDRAIN, CONNECTION TO INTAKE OR STORM SEWER | EA | 1 | $ 750.00 | $ 750.00 | $ 1,100.00 | $ 1,100.00 | $ 700.00 | $ 700.00 | $ 770.00 | $ 770.00 | $ 865.00 | $ 865.00 | $ 650.00 | $ 650.00 |
| 4.5 | REMOVAL OF PIPE CULVERT, HDPE, 6" | EA | 1 | $ 2,000.00 | $ 2,000.00 | $ 2,200.00 | $ 2,200.00 | $ 3,000.00 | $ 3,000.00 | $ 2,615.00 | $ 2,615.00 | $ 2,930.00 | $ 2,930.00 | $ 500.00 | $ 500.00 |
| 4.6 | ABANDONING STORM SEWER, 15" DIA. | LS | 1 | $ 3,175.00 | $ 3,175.00 | $ 2,750.00 | $ 2,750.00 | $ 3,000.00 | $ 3,000.00 | $ 3,255.00 | $ 3,255.00 | $ 3,650.00 | $ 3,650.00 | $ 2,400.00 | $ 2,400.00 |
| **DIVISION 5 - WATERMAINS AND APPURTENANCES** | | | | | | | | | | | | | | | |
| 5.1 | WATER VALVE BOX ADJUSTMENT | EA | 5 | $ 375.00 | $ 1,875.00 | $ 324.50 | $ 1,622.50 | $ 250.00 | $ 1,250.00 | $ 385.00 | $ 1,925.00 | $ 435.00 | $ 2,175.00 | $ 1,000.00 | $ 5,000.00 |
| 5.2 | FIRE HYDRANT ADJUSTMENT - MINOR | EA | 3 | $ 1,750.00 | $ 5,250.00 | $ 1,314.50 | $ 3,943.50 | $ 2,000.00 | $ 6,000.00 | $ 1,795.00 | $ 5,385.00 | $ 2,015.00 | $ 6,045.00 | $ 2,300.00 | $ 6,900.00 |
| **DIVISION 6 - STRUCTURES FOR STORM** | | | | | | | | | | | | | | | |
| 6.1 | INTAKE, SW-501 | EA | 1 | $ 5,500.00 | $ 5,500.00 | $ 4,366.75 | $ 4,366.75 | $ 5,000.00 | $ 5,000.00 | $ 5,640.00 | $ 5,640.00 | $ 6,325.00 | $ 6,325.00 | $ 4,000.00 | $ 4,000.00 |
| 6.2 | INTAKE, SW-506 | EA | 1 | $ 9,500.00 | $ 9,500.00 | $ 8,035.50 | $ 8,035.50 | $ 10,000.00 | $ 10,000.00 | $ 11,800.00 | $ 11,800.00 | $ 13,225.00 | $ 13,225.00 | $ 7,000.00 | $ 7,000.00 |
| 6.3 | CASTING, TYPE R | EA | 4 | $ 1,000.00 | $ 4,000.00 | $ 1,017.50 | $ 4,070.00 | $ 1,000.00 | $ 4,000.00 | $ 1,130.00 | $ 4,520.00 | $ 1,265.00 | $ 5,060.00 | $ 1,250.00 | $ 5,000.00 |
| 6.4 | CASTING, TYPE E | EA | 1 | $ 950.00 | $ 950.00 | $ 863.50 | $ 863.50 | $ 1,000.00 | $ 1,000.00 | $ 975.00 | $ 975.00 | $ 1,095.00 | $ 1,095.00 | $ 1,500.00 | $ 1,500.00 |
| 6.5 | CASTING, TYPE F | EA | 1 | $ 1,185.00 | $ 1,185.00 | $ 1,127.50 | $ 1,127.50 | $ 1,000.00 | $ 1,000.00 | $ 1,215.00 | $ 1,215.00 | $ 1,365.00 | $ 1,365.00 | $ 1,500.00 | $ 1,500.00 |
| 6.6 | SEAL FLOW LINE IN BACK OF STRUCTURE | EA | 1 | $ 1,600.00 | $ 1,600.00 | $ 1,650.00 | $ 1,650.00 | $ 1,000.00 | $ 1,000.00 | $ 1,640.00 | $ 1,640.00 | $ 1,840.00 | $ 1,840.00 | $ 1,000.00 | $ 1,000.00 |
| 6.7 | EXISTING M-C MODIFICATION | EA | 1 | $ 5,000.00 | $ 5,000.00 | $ 3,216.40 | $ 3,216.40 | $ 7,500.00 | $ 7,500.00 | $ 6,355.00 | $ 6,355.00 | $ 7,130.00 | $ 7,130.00 | $ 4,000.00 | $ 4,000.00 |
| **DIVISION 7 - STREETS & RELATED WORK** | | | | | | | | | | | | | | | |
| 7.1 | PCC PAVEMENT, 7" CLASS C-4 REINFORCED W/8" CURB | SY | 1296 | $ 60.00 | $ 77,760.00 | $ 56.10 | $ 72,705.60 | $ 58.00 | $ 75,168.00 | $ 65.00 | $ 84,240.00 | $ 70.00 | $ 90,720.00 | $ 63.00 | $ 81,648.00 |
| 7.2 | PCC PAVEMENT, 8" CLASS C-4 REINFORCED W/8" CURB | SY | 2773 | $ 70.00 | $ 194,110.00 | $ 61.60 | $ 170,816.80 | $ 64.00 | $ 177,472.00 | $ 69.95 | $ 193,971.35 | $ 74.00 | $ 205,202.00 | $ 69.00 | $ 191,337.00 |
| 7.3 | SHARED USE PATH, PCC, 6" REINFORCED | SY | 1448 | $ 45.00 | $ 65,160.00 | $ 44.00 | $ 63,712.00 | $ 50.00 | $ 72,400.00 | $ 55.00 | $ 79,640.00 | $ 60.00 | $ 86,880.00 | $ 58.00 | $ 83,984.00 |
| 7.4 | DETECTABLE WARNINGS | SF | 80 | $ 50.00 | $ 4,000.00 | $ 49.28 | $ 3,942.40 | $ 50.00 | $ 4,000.00 | $ 44.00 | $ 3,520.00 | $ 50.00 | $ 4,000.00 | $ 55.00 | $ 4,400.00 |
| 7.5 | DRIVEWAY, PAVED, PCC, 7" W/6" CURB | SY | 252 | $ 58.25 | $ 14,679.00 | $ 56.10 | $ 14,137.20 | $ 68.00 | $ 17,136.00 | $ 87.00 | $ 21,924.00 | $ 90.00 | $ 22,680.00 | $ 59.00 | $ 14,868.00 |
| 7.6 | PAVEMENT REMOVAL | SY | 672 | $ 35.00 | $ 23,520.00 | $ 11.00 | $ 7,392.00 | $ 24.50 | $ 16,464.00 | $ 43.05 | $ 28,929.60 | $ 20.00 | $ 13,440.00 | $ 15.00 | $ 10,080.00 |
| **DIVISION 8 - TRAFFIC CONTROL** | | | | | | | | | | | | | | | |
| 8.1 | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE | STA | 77.59 | $ 61.00 | $ 4,732.99 | $ 99.00 | $ 7,681.41 | $ 96.75 | $ 7,506.83 | $ 62.55 | $ 4,853.25 | $ 70.00 | $ 5,431.30 | $ 40.00 | $ 3,103.60 |
| 8.2 | PAINTED SYMBOLS AND LEGENDS, SOLVENT/WATERBORNE | EA | 23 | $ 112.00 | $ 2,576.00 | $ 137.50 | $ 3,162.50 | $ 134.50 | $ 3,093.50 | $ 115.00 | $ 2,645.00 | $ 130.00 | $ 2,990.00 | $ 150.00 | $ 3,450.00 |
| 8.3 | PAVEMENT MARKINGS REMOVED, WATER BLAST | STA | 37 | $ 45.00 | $ 1,679.40 | $ 99.00 | $ 3,694.68 | $ 96.75 | $ 3,610.71 | $ 46.15 | $ 1,722.32 | $ 52.00 | $ 1,940.64 | $ 80.00 | $ 2,985.60 |
| 8.4 | SYMBOLS AND LEGENDS REMOVED, WATER BLAST | EA | 4 | $ 120.00 | $ 480.00 | $ 137.50 | $ 550.00 | $ 134.50 | $ 538.00 | $ 123.00 | $ 492.00 | $ 138.00 | $ 552.00 | $ 130.00 | $ 520.00 |
| 8.5 | TRAFFIC CONTROL | LS | 1 | $ 8,900.00 | $ 8,900.00 | $ 15,400.00 | $ 15,400.00 | $ 18,000.00 | $ 18,000.00 | $ 15,000.00 | $ 15,000.00 | $ 35,000.00 | $ 35,000.00 | $ 45,000.00 | $ 45,000.00 |
| **DIVISION 9 - SITEWORK & LANDSCAPING** | | | | | | | | | | | | | | | |
| 9.1 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING, TYPE 1 | AC | 1.4 | $ 2,800.00 | $ 3,920.00 | $ 4,070.00 | $ 5,698.00 | $ 3,762.50 | $ 5,267.50 | $ 4,000.00 | $ 5,600.00 | $ 3,225.00 | $ 4,515.00 | $ 5,000.00 | $ 7,000.00 |
| 9.2 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING, TYPE | AC | 0.3 | $ 1,000.00 | $ 300.00 | $ 3,300.00 | $ 990.00 | $ 34,394.00 | $ 10,318.20 | $ 3,500.00 | $ 1,050.00 | $ 1,150.00 | $ 345.00 | $ 3,500.00 | $ 1,050.00 |
| 9.3 | SWPPP, PREPARATION AND MANAGEMENT | LS | 1 | $ 3,500.00 | $ 3,500.00 | $ 4,070.00 | $ 4,070.00 | $ 4,900.00 | $ 4,900.00 | $ 4,500.00 | $ 4,500.00 | $ 4,025.00 | $ 4,025.00 | $ 10,000.00 | $ 10,000.00 |
| 9.4 | WATTLE, STRAW, 12 IN. | LF | 2289 | $ 2.25 | $ 5,150.25 | $ 2.75 | $ 6,294.75 | $ 3.50 | $ 8,011.50 | $ 3.50 | $ 8,011.50 | $ 2.60 | $ 5,951.40 | $ 5.00 | $ 11,445.00 |
| 9.5 | WATTLE, REMOVAL | LF | 2289 | $ 0.50 | $ 1,144.50 | $ 0.55 | $ 1,258.95 | $ 0.60 | $ 1,373.40 | $ 1.00 | $ 2,289.00 | $ 0.60 | $ 1,373.40 | $ 0.50 | $ 1,144.50 |
| 9.6 | SILT FENCE OR SILT FENCE FOR DITCH CHECK | LF | 2289 | $ 1.75 | $ 4,005.75 | $ 1.93 | ~~*$4,406.33~~ $ 4,417.77 | $ 1.65 | $ 3,776.85 | $ 1.50 | $ 3,433.50 | $ 2.00 | $ 4,578.00 | $ 3.50 | $ 8,011.50 |
| 9.7 | SILT FENCE OR SILT FENCE FOR DITCH CHECK, REMOVAL OF SEDIMENT | LF | 2289 | $ 0.50 | $ 1,144.50 | $ 0.55 | $ 1,258.95 | $ 0.07 | $ 160.23 | $ 0.05 | $ 114.45 | $ 0.60 | $ 1,373.40 | $ 0.50 | $ 1,144.50 |
| 9.8 | SILT FENCE OR SILT FENCE FOR DITCH CHECK, REMOVAL OF DEVICE | LF | 2289 | $ 0.10 | $ 228.90 | $ 0.55 | $ 1,258.95 | $ 0.07 | $ 160.23 | $ 0.05 | $ 114.45 | $ 0.15 | $ 343.35 | $ 0.50 | $ 1,144.50 |
| 9.9 | STABILIZED CONSTRUCTION ENTRANCE | EA | 2 | $ 2,500.00 | $ 5,000.00 | $ 1,650.00 | $ 3,300.00 | $ 1,000.00 | $ 2,000.00 | $ 2,565.00 | $ 5,130.00 | $ 15,000.00 | $ 30,000.00 | $ 2,500.00 | $ 5,000.00 |
| 9.11 | INLET PROTECTION DEVICE DROP-IN, INSTALLATION, MAINTENANCE AND REMOVAL | EA | 29 | $ 150.00 | $ 4,350.00 | $ 192.50 | $ 5,582.50 | $ 188.25 | $ 5,459.25 | $ 175.00 | $ 5,075.00 | $ 170.00 | ~~*$5,075~~ $ 4,930.00 | $ 350.00 | $ 10,150.00 |
| 9.12 | INLET PROTECTION DEVICE SURFACE APPLIED, INSTALLATION, MAINTENANCE AND REMOVAL | EA | 2 | $ 150.00 | $ 300.00 | $ 110.00 | $ 220.00 | $ 698.75 | $ 1,397.50 | $ 650.00 | $ 1,300.00 | $ 175.00 | $ 350.00 | $ 250.00 | $ 500.00 |
| **DIVISION 11 - MISCELLANEOUS** | | | | | | | | | | | | | | | |
| 11.1 | CONSTRUCTION STAKING | LS | 1 | $ 6,000.00 | $ 6,000.00 | $ 15,235.00 | $ 15,235.00 | $ 16,000.00 | $ 16,000.00 | $ 14,200.00 | $ 14,200.00 | $ 100,000.00 | $ 100,000.00 | $ 26,000.00 | $ 26,000.00 |
| 11.2 | CONCRETE WASHOUT | LS | 1 | $ 1,700.00 | $ 1,700.00 | $ 1,837.00 | $ 1,837.00 | $ 6,000.00 | $ 6,000.00 | $ 2,060.00 | $ 2,060.00 | $ 2,500.00 | $ 2,500.00 | $ 5,000.00 | $ 5,000.00 |
| | **TOTAL CONSTRUCTION COST** | | | $ | 658,983.29 | $ | ~~*$ 668,312.94~~ $ 668,324.39 | $ | 678,645.30 | $ | 738,691.52 | $ | ~~*$887,988.99~~ $ 887,823.99 | | $ 750,239.20 |

* Corrected by Engineer

## VICINITY MAP



## LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES

PROJECT:

# S. 81st Street & Cascade Avenue Widening

LOCATION:

**Exhibit "A"**

| DRAWN BY: JDR | DATE: 1/14/2019 | PROJECT NUMBER/NAME: 0510-006-2019 | SHT. 1 of 1 |
|---|---|---|---|