



BA

DATE May 22, 2023

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR FLEUR DRIVE RECONSTRUCTION, SOUTHBOUND LANES, FROM GEORGE FLAGG PARKWAY TO WATROUS AVENUE, INROADS, LLC

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the Fleur Drive Reconstruction, Southbound Lanes, from George Flagg Parkway to Watrous Avenue, 062019013, in accordance with the contract approved between InRoads, LLC, Joseph J. Manatt, CEO, 4761 NE 20th Lane, Des Moines, IA 50313, under Roll Call No. 21-0326, of February 22, 2021, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted.

BE IT FURTHER RESOLVED: That \$6,468,592.32 is the total cost, of which \$6,468,592.32 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$0.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool

Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN Funding Source: 2023-24 CIP, Page 123, Roadway Reconstruction - Fleur Drive, ST267, Being: *pw* \$5,810,366.40 in G.O. Bonds; \$600,000 in G.O. Bonds transferred from ST291, Fleur Drive Medians; and the remaining \$58,225.92 from Des Moines Water Works



Roll Call Number

Agenda Item Number

13A

DATE May 22, 2023

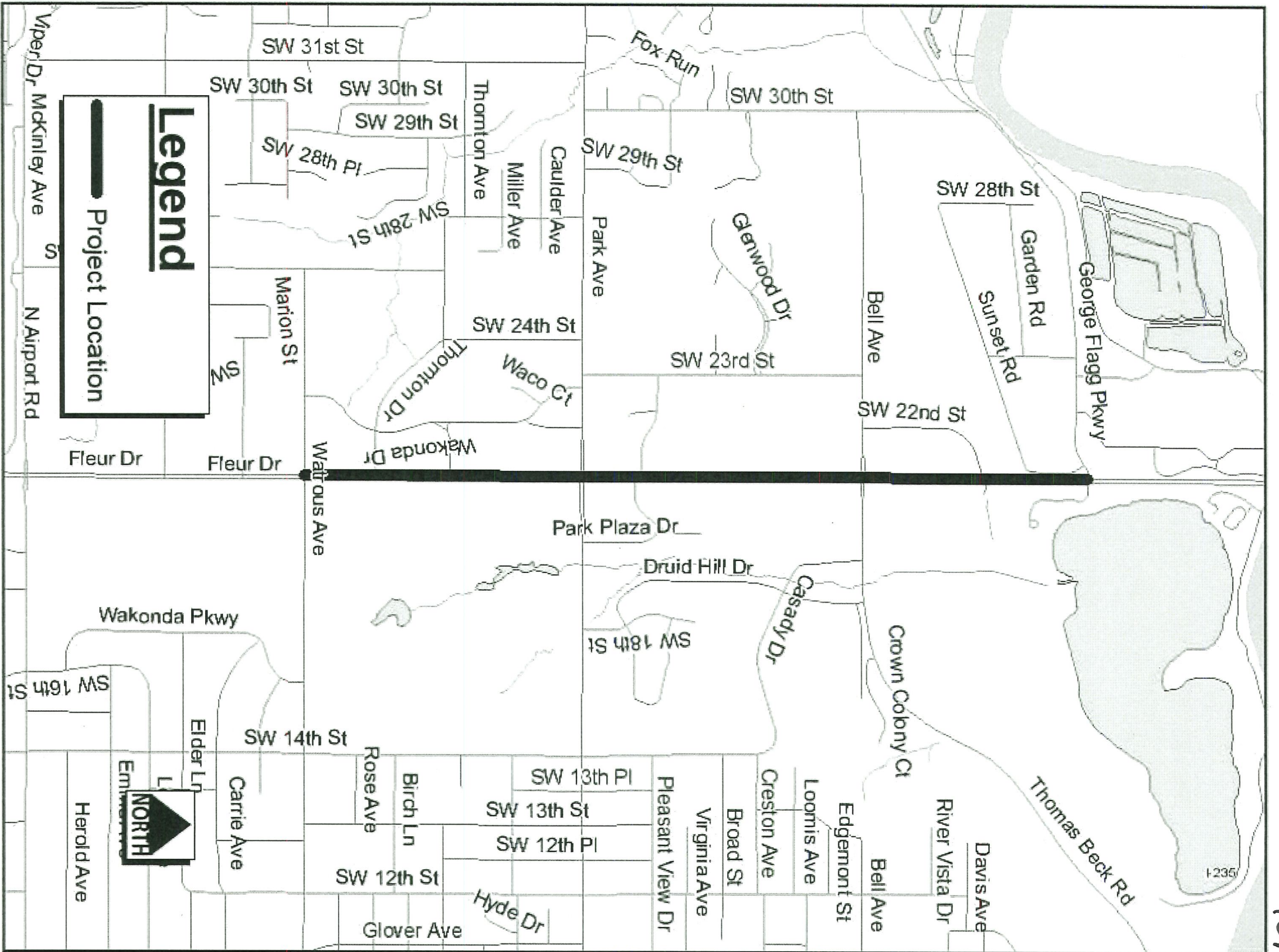
| COUNCIL ACTION | YEAS | NAYS | PASS | ABSENT |
|----------------|------|------|----------|--------|
| COWNIE | | | | |
| BOESEN | | | | |
| GATTO | | | | |
| MANDELBAUM | | | | |
| SHEUMAKER | | | | |
| VOSS | | | | |
| WESTERGAARD | | | | |
| TOTAL | | | | |
| MOTION CARRIED | | | APPROVED | |

I, Laura Baumgartner, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

Mayor

City Clerk



Legend

— Project Location



PROJECT SUMMARY

Fleur Drive Reconstruction, Southbound Lanes, from George Flagg Parkway to Activity ID 062019013

On February 22, 2021, under Roll Call No. 21-0326, the Council awarded the contract for the above improvements to InRoads, LLC, in the amount of \$6,460,390.51. Tabulated below is a history of project change orders.

| <u>Change Order No.</u> | <u>Initiated By</u> | <u>Description</u> | <u>Amount</u> |
|-------------------------|---------------------|--|---------------|
| 1 | City | 4/14/2021 Item 801 is for additional traffic control in the Fleur Drive southbound lanes south of Bell Avenue for tree clearing and relocation of City fiber and other utilities in advance of project construction. Item 802 is to remove existing white centerline delineators at intersection medians and replacement with yellow delineators at the direction of City T&T. Item 803 is for mobilization for HMA patching in the NB outside lane between the viaduct SW over 22nd Street and the G. Flagg Pkwy intersection. | \$15,007.50 |
| 2 | City | 6/4/2021 The following Part B items are considered extra work and added as new contract items: Item 804) RESTORATION, WAKONDA CLUB FRONTAGE to re-prep/reseed along the Wakonda Club property, Item 805) ADVANCED LOOP DETECTORS, NB FLEUR AT BELL AVENUE, Item 806) MOBILIZATION FOR RESTORATION which is paid for small restoration areas which are not identified as requiring multiple trips, Item 806, STORM SEWER, TRENCHED, RCP 3000D (CLASS IV), ELLIPTICAL, 18 IN. to replace planned 12" pipe where it was found that the existing connecting pipe is 18" RCP, Item 808, ELLIPTICAL PIPE COLLAR is to connect elliptical pipe to standard RCP round pipe, and Item 809, OVER EXCAVATION FOR RETAINING WALL PAD where bearing capacity of existing soils is not sufficient below Redi-Rock Wall 1. | \$32,888.07 |
| 3 | City | 7/19/2021 Part A items are for unanticipated over-runs to the clearing and grubbing and below-grade excavation (core-out) contract items. Part B items are to anchor segmental retaining wall caps with steel reinforcement and to furnish 3" clean aggregate material in place of modified subbase at core-out locations. | \$41,550.17 |
| 4 | City | 10/19/2021 | \$44,429.00 |

Part A of the change order adds 2 Each to Item 27, Sanitary Sewer Spot Repair, for unanticipated sanitary pipe removal, replacement, and bypass pumping. The following Part B items are considered extra work and added as new contract items: Item 812, Remove and reinstall sanitary service to 3000 Fleur Drive, Item 813, Install sanitary pipe with coupling to replace a portion of the existing sanitary main at 3000 Fleur Drive, Item 814, Shotcrete Medians 8, 9, 10, and the turf median between Median 9 and 10 to fill voids under the median walls, and Item 815, Core median wall at landscaped Medians 7 and 8 to outlet subdrain.

| | | | |
|---|------|------------|-------------|
| 5 | City | 12/21/2021 | \$29,084.56 |
|---|------|------------|-------------|

Part A items are to adjust contract quantities. Part B items include the following: Item 816 replaces an SW-507 intake with an SW-509 structure to increase the intake capacity at the SW corner of Fleur Drive and Park Avenue. Item 817 removes a large tree at 3006 Fleur Drive which was damaged during grading for a temporary access road which maintained access to the property during construction.

| | | | |
|---|------|----------|-------------|
| 6 | City | 3/9/2022 | \$17,474.90 |
|---|------|----------|-------------|

All Part 'A' items are to adjust contract quantities to as-built quantities. The following Part 'B' items are being added to the contract: 818) Core Drill and Install Median Signs: Additional median signs were installed which required core-drilling the raised concrete medians for installation, and 819) Irrigation Drain Valve: drain valves were installed at two meter pits to aid in winterizing the irrigation system.

| | | | |
|---|------|-----------|----------------|
| 7 | City | 2/28/2023 | \$(175,212.39) |
|---|------|-----------|----------------|

Part A items are to adjust contract quantities to as-built quantities. Part B items include additional work for concrete reinforcement, grading, sidewalk curb, retaining wall extension, and traffic control.

| | | | |
|---|------|-----------|------------|
| 8 | City | 4/11/2023 | \$2,980.00 |
|---|------|-----------|------------|

The change order is to adjust the contract quantity for Item 96, LIMESTONE RETAINING WALL, to the as-built quantity.

| | |
|--|----------------|
| Original Contract Amount | \$6,460,390.51 |
| Total Change Orders | \$8,201.81 |
| Percent of Change Orders to Original Contract | 0.13% |
| Total Contract Amount | \$6,468,592.32 |

13A



May 22, 2023

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Fleur Drive Reconstruction, Southbound Lanes, from George Flagg Parkway to Watrous Avenue, InRoads, LLC.

SYNOPSIS:

Approve the Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

FISCAL IMPACT:

Amount: \$6,468,592.32 As-Built Contract Cost

Funding Source: 2023-24 CIP, Page 123, Roadway Reconstruction - Fleur Drive, ST267, Being: \$5,810,366.40 in G.O. Bonds; \$600,000 in G.O. Bonds transferred from ST291, Fleur Drive Medians; and the remaining \$58,225.92 from Des Moines Water Works

CERTIFICATION OF COMPLETION:

On February 22, 2021, under Roll Call No. 21-0326, the City Council awarded a contract to InRoads, LLC, Joseph J. Manatt, CEO, 4761 NE 20th Lane, Des Moines, IA 50313 for the construction of the following improvement:

Fleur Drive Reconstruction, Southbound Lanes, from George Flagg Parkway to Watrous Avenue, 062019013

The improvement includes reconstruction of the southbound lanes of Fleur Drive with Portland Cement Concrete (PCC) curb and gutter, 10-inch Hot Mix Asphalt (HMA) paving, 12-inch modified subbase, 3-inch milling with HMA paving, PCC sidewalk and driveways, retaining walls, storm sewer, subdrain, earthwork and grading, fencing, water main construction, new irrigation system, erosion control, and restoration; all in accordance with contract documents, including Plan File Nos. 627-001/483, located along Fleur Drive from Watrous Avenue to George Flagg Parkway, Des Moines, Iowa

I hereby certify that the construction of said Fleur Drive Reconstruction, Southbound Lanes, from George Flagg Parkway to Watrous Avenue, Activity ID 062019013, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on March 18, 2021, and was completed on April 12, 2023.

I further certify that \$6,468,592.32 is the total cost of said improvement, of which \$6,468,592.32 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$0.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.

Steven L. Naber, P.E.
Des Moines City Engineer

13A

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



FINAL QUANTITIES OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 04/17/23 to 04/17/23
FINAL PAYMENT (PARTIAL PAYMENT NO. 26)

PROJECT: FLEUR DRIVE RECONSTRUCTION, SOUTHBOUND LANES, FROM GEORGE FLAGG PARKWAY TO WATROUS AVENUE
CONTRACTOR: INROADS, LLC

ACTIVITY ID: 06-2019-013
DATE: 4/17/2023

| ITEM NO. | DESCRIPTION | UNIT | QUANTITIES | | | | UNIT PRICE | TOTAL AMOUNT |
|---|--|------|------------|------------|---------------------|-------------------------|-------------|---------------|
| | | | ESTIMATED | AUTHORIZED | CONSTRUCTED TO DATE | CONSTRUCTED THIS PERIOD | | |
| DIVISION 1: FLEUR DRIVE RECONSTRUCTION | | | | | | | | |
| 1 | CLEARING & GRUBBING | UNIT | 349.40 | 424.80 | 424.80 | 0.00 | \$ 130.00 | \$55,224.000 |
| 2 | ON-SITE TOPSOIL | CY | 681.00 | 681.00 | 681.00 | 0.00 | \$ 15.45 | \$10,521.450 |
| 3 | OFF-SITE TOPSOIL | CY | 1,465.00 | 1,495.00 | 1,495.00 | 0.00 | \$ 31.00 | \$46,345.000 |
| 4 | EXCAVATION, CLASS 10 | CY | 8,771.00 | 8,771.00 | 8,771.00 | 0.00 | \$ 20.60 | \$180,682.600 |
| 5 | EXCAVATION, CLASS 13, WASTE | CY | 784.00 | 800.00 | 800.00 | 0.00 | \$ 20.60 | \$16,480.000 |
| 6 | BELOW GRADE EXCAVATION (CORE OUT) | CY | 750.00 | 874.00 | 874.00 | 0.00 | \$ 79.00 | \$69,046.000 |
| 7 | SUBGRADE PREPARATION | SY | 24,611.00 | 20,250.00 | 20,250.00 | 0.00 | \$ 2.05 | \$41,512.500 |
| 8 | SUBGRADE TREATMENT, POLYMER GRID | SY | 24,611.00 | 24,611.00 | 24,611.00 | 0.00 | \$ 3.00 | \$73,833.000 |
| 9 | SUBGRADE TREATMENT, 10% FLY ASH, 12-INCH DEPTH | SY | 2,940.00 | 0.00 | 0.00 | 0.00 | \$ 12.00 | \$0.000 |
| 10 | ENGINEERING FABRIC | SY | 10,181.00 | 8,069.00 | 8,069.00 | 0.00 | \$ 2.60 | \$20,979.400 |
| 11 | MODIFIED SUBBASE, 6-INCH DEPTH | SY | 544.00 | 544.00 | 544.00 | 0.00 | \$ 13.60 | \$7,398.400 |
| 12 | MODIFIED SUBBASE, 12-INCH DEPTH | SY | 24,611.00 | 24,611.00 | 24,611.00 | 0.00 | \$ 17.35 | \$427,000.850 |
| 13 | REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL | TON | 850.00 | 213.70 | 213.70 | 0.00 | \$ 40.00 | \$8,548.000 |
| 14 | STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 12 IN. | LF | 37.00 | 0.00 | 0.00 | 0.00 | \$ 123.60 | \$0.000 |
| 15 | STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 15 IN. | LF | 129.00 | 58.00 | 58.00 | 0.00 | \$ 164.80 | \$9,558.400 |
| 16 | STORM SEWER, TRENCHED, POLYPROPYLENE (PP), 15 IN. | LF | 31.00 | 40.00 | 40.00 | 0.00 | \$ 139.05 | \$5,562.000 |
| 17 | STORM SEWER, TRENCHED, RCP 2000D (CLASS III) OR PP, 15 IN. | LF | 906.00 | 973.00 | 973.00 | 0.00 | \$ 123.60 | \$120,262.800 |
| 18 | STORM SEWER, TRENCHED, RCP 3000D (CLASS IV), 12 IN. | LF | 21.00 | 36.50 | 36.50 | 0.00 | \$ 123.60 | \$4,511.400 |
| 19 | STORM SEWER, TRENCHED, RCP, 3000D (CLASS IV), 15 IN. | LF | 444.00 | 417.00 | 417.00 | 0.00 | \$ 128.75 | \$53,688.750 |
| 20 | REMOVAL OF STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN. | LF | 257.00 | 438.00 | 438.00 | 0.00 | \$ 36.05 | \$15,789.900 |
| 21 | STORM SEWER ABANDONMENT, FILL AND PLUG, 15 IN. | LF | 50.00 | 0.00 | 0.00 | 0.00 | \$ 46.35 | \$0.000 |
| 22 | SUBDRAIN, HDPE, LONGITUDINAL, PERFORATED, 6 IN. | LF | 6,815.00 | 6,795.00 | 6,795.00 | 0.00 | \$ 18.54 | \$125,979.300 |
| 23 | SUBDRAIN, HDPE, MEDIAN, PERFORATED, 4 IN. | LF | 2,311.00 | 2,311.00 | 2,311.00 | 0.00 | \$ 16.48 | \$38,085.280 |
| 24 | FOOTING DRAIN COLLECTOR, HDPE, PERFORATED, 6 IN. | LF | 100.00 | 20.00 | 20.00 | 0.00 | \$ 17.51 | \$350.200 |
| 25 | SUBDRAIN OUTLETS AND CONNECTIONS, 8-INCH CMP | EACH | 22.00 | 18.00 | 18.00 | 0.00 | \$ 206.00 | \$3,708.000 |
| 26 | SUBDRAIN OUTLETS AND CONNECTIONS, INSERTA TEE | EACH | 9.00 | 2.00 | 2.00 | 0.00 | \$ 309.00 | \$618.000 |
| 27 | SANITARY SEWER SPOT REPAIR BY PIPE REPLACEMENT | EACH | 2.00 | 5.00 | 5.00 | 0.00 | \$ 5,665.00 | \$28,325.000 |
| 28 | MANHOLE, SW-401, 48 IN. | EACH | 2.00 | 2.00 | 2.00 | 0.00 | \$ 3,605.00 | \$7,210.000 |
| 29 | INTAKE, SW-501 | EACH | 3.00 | 3.00 | 3.00 | 0.00 | \$ 5,665.00 | \$16,995.000 |
| 30 | INTAKE, SW-505 | EACH | 18.00 | 16.00 | 16.00 | 0.00 | \$ 7,210.00 | \$115,360.000 |
| 31 | INTAKE, SW-507 | EACH | 4.00 | 4.00 | 4.00 | 0.00 | \$ 7,725.00 | \$30,900.000 |
| 32 | MANHOLE ADJUSTMENT, MINOR | EACH | 2.00 | 2.00 | 2.00 | 0.00 | \$ 1,648.00 | \$3,296.000 |
| 33 | INTAKE ADJUSTMENT, MINOR | EACH | 1.00 | 1.00 | 1.00 | 0.00 | \$ 1,545.00 | \$1,545.000 |
| 34 | MANHOLE ADJUSTMENT, MAJOR | EACH | 8.00 | 9.00 | 9.00 | 0.00 | \$ 4,635.00 | \$41,715.000 |
| 35 | REMOVE MANHOLE | EACH | 2.00 | 3.00 | 3.00 | 0.00 | \$ 1,236.00 | \$3,708.000 |
| 36 | REMOVE INTAKE | EACH | 15.00 | 15.00 | 15.00 | 0.00 | \$ 1,236.00 | \$18,540.000 |
| 37 | PAVEMENT, PCC, CLASS C, CLASS 3 DURABILITY, 8-INCH | SY | 648.00 | 648.00 | 648.00 | 0.00 | \$ 70.04 | \$45,385.920 |

| ITEM NO. | DESCRIPTION | UNIT | QUANTITIES | | | | UNIT PRICE | TOTAL AMOUNT |
|----------|---|------|------------|------------|---------------------|-------------------------|--------------|---------------|
| | | | ESTIMATED | AUTHORIZED | CONSTRUCTED TO DATE | CONSTRUCTED THIS PERIOD | | |
| 38 | CURB AND GUTTER, 1.5 FT WIDTH, 10-INCH THICKNESS | LF | 6,564.00 | 6,583.00 | 6,583.00 | 0.00 | \$ 33.99 | \$223,756.170 |
| 39 | CURB AND GUTTER, 2.0 FT WIDTH, 7-INCH THICKNESS | LF | 637.00 | 649.00 | 649.00 | 0.00 | \$ 37.08 | \$24,064.920 |
| 40 | RAISED MEDIAN CURB, TYPE 'A' | LF | 1,066.00 | 1,066.00 | 1,066.00 | 0.00 | \$ 43.26 | \$46,115.160 |
| 41 | CONCRETE MEDIAN, TYPE A | SY | 42.00 | 33.00 | 33.00 | 0.00 | \$ 156.56 | \$5,166.480 |
| 42 | CONCRETE MEDIAN, TYPE B | SY | 581.00 | 379.00 | 379.00 | 0.00 | \$ 157.59 | \$59,726.610 |
| 43 | COLOR MEDIAN BAND, 5-INCH PCC, REMOVE AND REPLACE | SY | 177.00 | 122.00 | 122.00 | 0.00 | \$ 109.18 | \$13,319.960 |
| 44 | PAVEMENT, HMA, HIGH TRF (HT), BASE COURSE, 3/4 IN. MIX, PG 58-28S, 4-INCH THICKNESS | SY | 20,648.00 | 20,794.00 | 20,794.00 | 0.00 | \$ 16.80 | \$349,339.200 |
| 45 | PAVEMENT, HMA, HIGH TRF (HT), INTERMEDIATE COURSE, 1/2 IN. MIX, PG 58-28H, 4-INCH THICKNESS | SY | 20,648.00 | 20,817.00 | 20,817.00 | 0.00 | \$ 17.00 | \$353,889.000 |
| 46 | PAVEMENT, HMA, HIGH TRF (HT), SURFACE COURSE, 1/2 IN. MIX, PG 58-28H, 2-INCH THICKNESS | SY | 20,694.00 | 20,840.00 | 20,840.00 | 0.00 | \$ 9.60 | \$200,064.000 |
| 47 | PAVEMENT, HMA, STD TRF (ST), BASE COURSE, 3/4 IN. MIX, PG 58-28S | TON | 141.00 | 107.40 | 107.40 | 0.00 | \$ 79.00 | \$8,484.600 |
| 48 | PAVEMENT, HMA, STD TRF (ST), SURFACE COURSE, 1/2 IN. MIX, PG 58-28S | TON | 106.00 | 108.60 | 108.60 | 0.00 | \$ 79.00 | \$8,579.400 |
| 49 | HMA OVERLAY, HIGH TRF (HT), SURFACE COURSE, 1/2 IN. MIX, PG 58-28H, 3-INCH THICKNESS | SY | 4,011.00 | 4,391.00 | 4,391.00 | 0.00 | \$ 14.70 | \$64,547.700 |
| 50 | HMA PAVEMENT DENSITY DEFICIENCY | EACH | 0.00 | 0.00 | 0.00 | 0.00 | \$ (1.00) | \$0.000 |
| 51 | HMA PAVEMENT THICKNESS DEFICIENCY | EACH | 0.00 | 2,617.00 | 2,617.00 | 0.00 | \$ (1.00) | (\$2,617.000) |
| 52 | HMA PAVEMENT SMOOTHNESS DEFICIENCY | EACH | 0.00 | 0.00 | 0.00 | 0.00 | \$ (1.00) | \$0.000 |
| 53 | HMA PAVEMENT SAMPLES AND TESTING | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 3,750.00 | \$3,750.000 |
| 54 | REMOVAL OF SIDEWALKS | SY | 277.00 | 350.00 | 350.00 | 0.00 | \$ 7.00 | \$2,450.000 |
| 55 | REMOVAL OF DRIVEWAYS | SY | 2,669.00 | 2,895.00 | 2,895.00 | 0.00 | \$ 7.00 | \$20,265.000 |
| 56 | SIDEWALK, PCC, 5 IN. | SY | 3,390.00 | 3,400.00 | 3,400.00 | 0.00 | \$ 50.00 | \$170,000.000 |
| 57 | SIDEWALK, PCC, 6 IN. | SY | 278.00 | 385.00 | 385.00 | 0.00 | \$ 86.00 | \$33,110.000 |
| 58 | SIDEWALK, PCC, 6 IN. CLASS A | SY | 40.00 | 43.00 | 43.00 | 0.00 | \$ 78.00 | \$3,354.000 |
| 59 | BRICK PAVERS, MEDIAN | SF | 125.00 | 64.00 | 64.00 | 0.00 | \$ 30.00 | \$1,920.000 |
| 60 | DETECTABLE WARNING | SF | 260.00 | 260.00 | 260.00 | 0.00 | \$ 56.00 | \$14,560.000 |
| 61 | DRIVEWAY, PAVED, PCC, 6 IN. | SY | 1,249.00 | 1,309.00 | 1,309.00 | 0.00 | \$ 60.00 | \$78,540.000 |
| 62 | DRIVEWAY, PAVED, PCC, 7 IN. | SY | 504.00 | 504.00 | 504.00 | 0.00 | \$ 64.00 | \$32,256.000 |
| 63 | FULL-DEPTH PATCHES | SY | 446.00 | 464.00 | 464.00 | 0.00 | \$ 340.00 | \$157,760.000 |
| 64 | SUBBASE OVER-EXCAVATION FOR PATCHING | TON | 125.00 | 0.00 | 0.00 | 0.00 | \$ 52.00 | \$0.000 |
| 65 | MILLING | SY | 4,011.00 | 3,849.50 | 3,849.50 | 0.00 | \$ 2.90 | \$11,163.550 |
| 66 | PAVEMENT REMOVAL | SY | 23,071.00 | 23,171.00 | 23,171.00 | 0.00 | \$ 10.50 | \$243,295.500 |
| 67 | MEDIAN REMOVAL | SY | 290.00 | 359.60 | 359.60 | 0.00 | \$ 62.00 | \$22,295.200 |
| 68 | REMOVAL OF RAISED MEDIAN CURB | LF | 1,066.00 | 1,066.00 | 1,066.00 | 0.00 | \$ 7.75 | \$8,261.500 |
| 69 | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE | STA | 193.00 | 189.60 | 189.60 | 0.00 | \$ 28.00 | \$5,308.800 |
| 70 | PAINTED PAVEMENT MARKINGS, DURABLE | STA | 45.00 | 45.00 | 45.00 | 0.00 | \$ 175.00 | \$7,875.000 |
| 71 | PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, INLAY | STA | 37.00 | 39.50 | 39.50 | 0.00 | \$ 515.00 | \$20,342.500 |
| 72 | PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, GROOVED | STA | 32.00 | 39.50 | 39.50 | 0.00 | \$ 515.00 | \$20,342.500 |
| 73 | WET, RETROREFLECTIVE REMOVABLE TAPE MARKINGS | STA | 90.00 | 45.60 | 45.60 | 0.00 | \$ 133.90 | \$6,105.840 |
| 74 | REMOVABLE SYMBOLS & LEGENDS, TEMPORARY TAPE | EACH | 19.00 | 6.00 | 6.00 | 0.00 | \$ 310.00 | \$1,860.000 |
| 75 | PAINTED SYMBOLS & LEGENDS, WATERBORNE | EACH | 21.00 | 8.00 | 8.00 | 0.00 | \$ 101.00 | \$808.000 |
| 76 | PAINTED SYMBOLS & LEGENDS, DURABLE | EACH | 18.00 | 17.00 | 17.00 | 0.00 | \$ 303.00 | \$5,151.000 |
| 77 | PAVEMENT MARKINGS REMOVED | STA | 150.00 | 145.90 | 145.90 | 0.00 | \$ 41.20 | \$6,011.080 |
| 78 | SYMBOLS & LEGENDS REMOVED | EACH | 25.00 | 8.00 | 8.00 | 0.00 | \$ 103.00 | \$824.000 |
| 79 | GROOVES CUT FOR PAVEMENT MARKINGS | STA | 77.00 | 98.40 | 98.40 | 0.00 | \$ 72.00 | \$7,084.800 |
| 80 | GROOVES CUT FOR SYMBOLS AND LEGENDS | EACH | 18.00 | 17.00 | 17.00 | 0.00 | \$ 181.00 | \$3,077.000 |
| 81 | TEMPORARY TRAFFIC CONTROL | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 83,258.00 | \$83,258.000 |
| 82 | SAFETY CLOSURE | EACH | 34.00 | 34.00 | 34.00 | 0.00 | \$ 154.50 | \$5,253.000 |
| 83 | CONVENTIONAL SEEDING, TYPE 1 | ACRE | 0.75 | 0.28 | 0.28 | 0.00 | \$ 2,830.00 | \$792.400 |
| 84 | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING | ACRE | 1.70 | 3.10 | 3.10 | 0.00 | \$ 2,935.50 | \$9,100.050 |

| ITEM NO. | DESCRIPTION | UNIT | QUANTITIES | | | | UNIT PRICE | TOTAL AMOUNT |
|----------|---|------|------------|------------|---------------------|-------------------------|---------------|---------------|
| | | | ESTIMATED | AUTHORIZED | CONSTRUCTED TO DATE | CONSTRUCTED THIS PERIOD | | |
| 85 | SODDING | SQ | 725.00 | 805.30 | 805.30 | 0.00 | \$ 67.00 | \$53,955.100 |
| 86 | FILTER SOCK, 9 IN. DIA. | LF | 7,300.00 | 4,649.00 | 4,649.00 | 0.00 | \$ 1.55 | \$7,205.950 |
| 87 | FILTER SOCK, REMOVAL | LF | 7,300.00 | 4,649.00 | 4,649.00 | 0.00 | \$ 0.26 | \$1,208.740 |
| 88 | TEMPORARY RECP, WOOD EXCELSIOR | SY | 2,400.00 | 661.00 | 661.00 | 0.00 | \$ 1.85 | \$1,222.850 |
| 89 | SILT FENCE OR SILT FENCE DITCH CHECK | LF | 2,300.00 | 0.00 | 0.00 | 0.00 | \$ 1.55 | \$0.000 |
| 90 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT | LF | 4,600.00 | 0.00 | 0.00 | 0.00 | \$ 0.10 | \$0.000 |
| 91 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE | LF | 2,300.00 | 0.00 | 0.00 | 0.00 | \$ 0.10 | \$0.000 |
| 92 | EROSION CONTROL MULCHING, HYDROMULCHING | ACRE | 3.00 | 1.72 | 1.72 | 0.00 | \$ 1,390.50 | \$2,391.660 |
| 93 | INLET PROTECTION DEVICE, SEDIMENT FILTER BAG | EACH | 30.00 | 36.00 | 36.00 | 0.00 | \$ 165.00 | \$5,940.000 |
| 94 | INLET PROTECTION DEVICE, MAINTENANCE | EACH | 60.00 | 67.00 | 67.00 | 0.00 | \$ 25.75 | \$1,725.250 |
| 95 | MODULAR BLOCK RETAINING WALL | SF | 4,238.00 | 4,911.00 | 4,911.00 | 0.00 | \$ 30.32 | \$148,901.520 |
| 96 | LIMESTONE RETAINING WALL | SF | 50.00 | 90.00 | 90.00 | 0.00 | \$ 74.50 | \$6,705.000 |
| 97 | SEGMENTAL BLOCK RETAINING WALL | SF | 5,111.00 | 5,111.00 | 5,111.00 | 0.00 | \$ 42.00 | \$214,662.000 |
| 98 | GRANULAR BACKFILL FOR SEGMENTAL BLOCK RETAINING WALL | TON | 1,134.00 | 1,328.00 | 1,328.00 | 0.00 | \$ 45.00 | \$59,760.000 |
| 99 | CONCRETE STEPS, TYPE B | SF | 141.00 | 141.00 | 141.00 | 0.00 | \$ 69.00 | \$9,729.000 |
| 100 | HANDRAIL, GALVANIZED STEEL PIPE, BLACK POWDER COATED | LF | 48.00 | 48.00 | 48.00 | 0.00 | \$ 160.00 | \$7,680.000 |
| 101 | MOBILIZATION | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 270,000.00 | \$270,000.000 |
| 102 | MAINTENANCE OF POSTAL SERVICE | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 3,800.00 | \$3,800.000 |
| 103 | MAINTENANCE OF SOILD WASTE COLLECTION | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 5,600.00 | \$5,600.000 |
| 104 | CONCRETE WASHOUT | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 4,400.00 | \$4,400.000 |
| 105 | COLD WEATHER PROTECTION FOR CONCRETE | SY | 2,500.00 | 930.00 | 930.00 | 0.00 | \$ 1.00 | \$930.000 |
| 106 | TEMPORARY PAVEMENT | SY | 550.00 | 245.60 | 245.60 | 0.00 | \$ 41.00 | \$10,069.600 |
| 107 | TEMPORARY GRANULAR MATERIAL | TON | 1,200.00 | 495.00 | 495.00 | 0.00 | \$ 17.25 | \$8,538.750 |
| 108 | SURFACING, DRIVEWAY, CLASS A CRUSHED STONE | TON | 25.00 | 25.00 | 25.00 | 0.00 | \$ 35.00 | \$875.000 |
| 109 | PCC FILL MATERIAL | LF | 500.00 | 0.00 | 0.00 | 0.00 | \$ 12.00 | \$0.000 |
| 110 | SEAL PCC DRIVEWAY JOINTS | LF | 820.00 | 820.00 | 820.00 | 0.00 | \$ 4.00 | \$3,280.000 |
| 111 | VIDEO INSPECTION FOR SEWER PIPES | LS | 1.00 | 0.90 | 0.90 | 0.00 | \$ 5,150.00 | \$4,635.000 |
| 112 | REMOVALS | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 30,900.00 | \$30,900.000 |
| 113 | REMOVE RETAINING WALL | SF | 2,435.00 | 2,463.00 | 2,463.00 | 0.00 | \$ 8.00 | \$19,704.000 |
| 114 | REMOVE ABANDONED WATER MAIN | LF | 50.00 | 50.00 | 50.00 | 0.00 | \$ 26.00 | \$1,300.000 |
| 115 | MEDIAN EXCAVATION, REMOVE AMENDED SOIL AND PLANTS | CY | 931.00 | 931.00 | 931.00 | 0.00 | \$ 26.00 | \$24,206.000 |
| 116 | CORE MEDIAN WALL OR FOOTING | EACH | 14.00 | 4.00 | 4.00 | 0.00 | \$ 180.00 | \$720.000 |
| 117 | COLORED CONCRETE MEDIAN WALL | LF | 18.00 | 18.00 | 18.00 | 0.00 | \$ 577.00 | \$10,386.000 |
| 118 | COLORED CONCRETE MEDIAN CURB | LF | 10.00 | 10.00 | 10.00 | 0.00 | \$ 160.00 | \$1,600.000 |
| 119 | TREE TRIMMING | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 7,725.00 | \$7,725.000 |
| 120 | MOWING | ACRE | 14.00 | 3.44 | 3.44 | 0.00 | \$ 258.00 | \$887.520 |
| 121 | MEDIAN WEED CONTROL | EACH | 55.00 | 16.00 | 16.00 | 0.00 | \$ 103.00 | \$1,648.000 |
| 122 | SUPPLEMENTAL WATERING FOR SOD | GAL | 72,500.00 | 68,500.00 | 68,500.00 | 0.00 | \$ 0.11 | \$7,535.000 |
| 123 | FURNISH AND INSTALL OBJECT MARKER, TYPE OM1-3 | EACH | 7.00 | 12.00 | 12.00 | 0.00 | \$ 130.00 | \$1,560.000 |
| 124 | FURNISH AND INSTALL SIGN | EACH | 54.00 | 54.00 | 54.00 | 0.00 | \$ 155.00 | \$8,370.000 |
| 125 | REMOVE, STORE, AND REINSTALL SIGN | EACH | 2.00 | 0.00 | 0.00 | 0.00 | \$ 258.00 | \$0.000 |
| 126 | REMOVE SIGN AND SIGN POST | EACH | 42.00 | 42.00 | 42.00 | 0.00 | \$ 129.00 | \$5,418.000 |
| 127 | TEMPORARY TRAFFIC CONTROL SIGN | SF | 40.00 | 66.50 | 66.50 | 0.00 | \$ 26.00 | \$1,729.000 |
| 128 | VERTICAL DELINEATOR POST AND BASE, 3 FT, YELLOW | EACH | 60.00 | 56.00 | 56.00 | 0.00 | \$ 73.00 | \$4,088.000 |
| 129 | REMOVE VERTICAL DELINEATOR POST AND BASE | EACH | 100.00 | 52.00 | 52.00 | 0.00 | \$ 31.00 | \$1,612.000 |
| 130 | PERFORATED SQUARE STEEL TUBE POSTS | LF | 150.00 | 132.00 | 132.00 | 0.00 | \$ 16.00 | \$2,112.000 |
| 131 | PORTABLE DYNAMIC MESSAGE SIGN (PDMIS) | CDAY | 190.00 | 144.00 | 144.00 | 0.00 | \$ 93.00 | \$13,392.000 |

| ITEM NO. | DESCRIPTION | UNIT | QUANTITIES | | | | UNIT PRICE | TOTAL AMOUNT |
|---|--|------|------------|------------|---------------------|-------------------------|-----------------------------|------------------------|
| | | | ESTIMATED | AUTHORIZED | CONSTRUCTED TO DATE | CONSTRUCTED THIS PERIOD | | |
| 132 | TEMPORARY BARRIER RAIL (CONCRETE) | LF | 1,660.00 | 350.00 | 350.00 | 0.00 | \$ 10.30 | \$3,605.000 |
| 133 | FLAGGER | EACH | 30.00 | 10.00 | 10.00 | 0.00 | \$ 605.00 | \$6,050.000 |
| 134 | TEMPORARY TRAFFIC SIGNALIZATION | EACH | 4.00 | 4.00 | 4.00 | 0.00 | \$ 10,200.00 | \$40,800.000 |
| 135 | MINOR ADJUSTMENT, UTILITY MANHOLE OR HANDHOLE | EACH | 10.00 | 0.00 | 0.00 | 0.00 | \$ 52.00 | \$0.000 |
| 136 | COMPLETION INCENTIVE, LUMP SUM, NO EXCUSE | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 130,000.00 | \$130,000.000 |
| 137 | COMPLETION INCENTIVE, CALENDAR DAY, NO EXCUSE | CDAY | 30.00 | 30.00 | 30.00 | 0.00 | \$ 4,000.00 | \$120,000.000 |
| 138 | CHECK DEPTH OF WATER SERVICE | EACH | 10.00 | 9.00 | 9.00 | 0.00 | \$ 455.00 | \$4,095.000 |
| 139 | LOWER WATER SERVICE | EACH | 1.00 | 2.00 | 2.00 | 0.00 | \$ 2,781.00 | \$5,562.000 |
| 140 | LOWER WATER SERVICE WITH NEW 3/4" COPPER | EACH | 1.00 | 1.00 | 1.00 | 0.00 | \$ 2,781.00 | \$2,781.000 |
| 141 | TRAFFIC SIGNALIZATION | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 252,000.00 | \$252,000.000 |
| 142 | TRAFFIC SIGNAL INTERCONNECT | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 272,600.00 | \$272,600.000 |
| 143 | TOPSOIL, AMENDED MEDIAN SOIL | CY | 2,796.00 | 2,950.00 | 2,950.00 | 0.00 | \$ 100.00 | \$295,000.000 |
| 144 | TREE PROTECTION AND TEMPORARY FENCING | LF | 2,970.00 | 694.00 | 694.00 | 0.00 | \$ 3.09 | \$2,144.460 |
| 145 | TREE TRUNK PROTECTION | EACH | 5.00 | 0.00 | 0.00 | 0.00 | \$ 206.00 | \$0.000 |
| 146 | STORMWATER POLLUTION PREVENTION PLAN (SWPPP) | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 6,386.00 | \$6,386.000 |
| 147 | LANDSCAPED MEDIAN IRRIGATION | LS | 1.00 | 1.00 | 1.00 | 0.00 | \$ 93,000.00 | \$93,000.000 |
| 148 | FLAGGER, UNIFORMED POLICE OFFICER | EACH | 30.00 | 0.00 | 0.00 | 0.00 | \$ 135.00 | \$0.000 |
| 149 | ORNAMENTAL FENCE, 48-INCH HEIGHT | LF | 480.00 | 460.00 | 460.00 | 0.00 | \$ 160.00 | \$73,600.000 |
| 150 | VIBRATION MONITORING | LS | 1.00 | 0.60 | 0.60 | 0.00 | \$ 6,200.00 | \$3,720.000 |
| | | | | | | | DIVISION 1, SUBTOTAL | \$6,278,727.470 |
| DIVISION 2: DES MOINES WATER WORKS | | | | | | | | |
| 200 | WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 8 IN. | LF | 95.00 | 83.00 | 83.00 | 0.00 | \$ 180.00 | \$14,940.000 |
| 201 | PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE, 8 IN. | EA | 1.00 | 1.00 | 1.00 | 0.00 | \$ 5,150.00 | \$5,150.000 |
| 202 | FITTINGS BY WEIGHT, DUCTILE IRON | LB | 138.00 | 230.00 | 230.00 | 0.00 | \$ 15.50 | \$3,565.000 |
| 203 | FIRE HYDRANT ASSEMBLY | EA | 2.00 | 2.00 | 2.00 | 0.00 | \$ 8,755.00 | \$17,510.000 |
| 204 | FIRE HYDRANT REMOVAL | EA | 6.00 | 6.00 | 6.00 | 0.00 | \$ 1,236.00 | \$7,416.000 |
| 205 | 32LB MAGNESIUM ANODES | EA | 4.00 | 2.00 | 2.00 | 0.00 | \$ 1,133.00 | \$2,266.000 |
| 206 | WATER MAIN CONNECTION, NIGHT WORK | EA | 1.00 | 1.00 | 1.00 | 0.00 | \$ 5,150.00 | \$5,150.000 |
| 207 | FOUNDATION ROCK | TON | 60.00 | 54.10 | 54.10 | 0.00 | \$ 41.20 | \$2,228.920 |
| | | | | | | | DIVISION 2, SUBTOTAL | \$58,225.920 |
| CHANGE ORDER ITEMS | | | | | | | | |
| BLUE HIGHLIGHTED ITEMS INDICATE AGREED-UPON CHANGE ORDER ITEMS & UNIT PRICES FOR ITEMS NOT YET INCLUDED IN THE CONTRACT. | | | | | | | | |
| BROWN HIGHLIGHTED ITEMS INDICATE AGREED-UPON CHANGE ORDER ITEMS FOR WHICH UNIT PRICING HAS NOT YET BEEN ESTABLISHED | | | | | | | | |
| 801.00 | TRAFFIC CONTROL FOR TREE CLEARING & UTILITY RELOCATION | LS | 0.00 | 1.00 | 1.00 | 0.00 | \$ 10,285.00 | \$10,285.000 |
| 802.00 | REMOVE & REPLACE CHANNELIZER POSTS | EACH | 0.00 | 28.00 | 28.00 | 0.00 | \$ 60.50 | \$1,694.000 |
| 803.00 | HMA PATCHING MOBILIZATION - VIADUCT TO G. FLAGG | LS | 0.00 | 1.00 | 1.00 | 0.00 | \$ 2,000.00 | \$2,000.000 |
| 804.00 | RESTORATION, WAKONDA CLUB FRONTAGE | LS | 0.00 | 1.00 | 1.00 | 0.00 | \$ 10,340.00 | \$10,340.000 |
| 805.00 | ADVANCED LOOP DETECTORS, NB FLEUR AT BELL AVENUE | LS | 0.00 | 1.00 | 1.00 | 0.00 | \$ 5,523.37 | \$5,523.370 |
| 806.00 | MOBILIZATION FOR RESTORATION | EACH | 0.00 | 1.00 | 1.00 | 0.00 | \$ 550.00 | \$550.000 |
| 807.00 | STORM SEWER, TRENCHED, RCP 3000D (CLASS IV), ELLIPTICAL, 18 IN. | LF | 0.00 | 21.00 | 21.00 | 0.00 | \$ 211.20 | \$4,435.200 |
| 808.00 | ELLIPTICAL PIPE COLLAR | EACH | 0.00 | 1.00 | 1.00 | 0.00 | \$ 825.00 | \$825.000 |
| 809.00 | OVER EXCAVATION FOR RETAINING WALL PAD | CY | 0.00 | 14.00 | 14.00 | 0.00 | \$ 191.29 | \$2,678.060 |
| 810.00 | REDI-ROCK CAP ANCHOR, #5 BAR AND EPOXY | EACH | 0.00 | 180.00 | 180.00 | 0.00 | \$ 32.06 | \$5,770.800 |
| 811.00 | 3" CLEAN AGGREGATE, FURNISH ONLY | CY | 0.00 | 650.00 | 650.00 | 0.00 | \$ 13.47 | \$8,755.500 |
| 812.00 | REMOVE & REINSTALL SANITARY SERVICE, CAST IRON PIPE | LF | 0.00 | 20.00 | 20.00 | 0.00 | \$ 165.00 | \$3,300.000 |

| ITEM NO. | DESCRIPTION | UNIT | QUANTITIES | | | | UNIT PRICE | TOTAL AMOUNT |
|----------|------------------------------|------|-----------------|------------|---------------------|-------------------------|------------|--------------|
| | | | ESTIMATED | AUTHORIZED | CONSTRUCTED TO DATE | CONSTRUCTED THIS PERIOD | | |
| | PARTIAL PAYMENT 23 | | \$40,024.85 | | | | | |
| | PARTIAL PAYMENT 24 | | \$193,968.37 | | | | | |
| | PARTIAL PAYMENT 25 | | \$2,980.00 | | | | | |
| | THIS PARTIAL PAYMENT | | \$ - | | | | | |
| | TOTAL PARTIAL PAYMENTS | | \$ 6,468,592.32 | | | | | |
| | BALANCE | | \$ - | | | | | |
| | APPROXIMATE PERCENT COMPLETE | | 100.0% | | | | | |

| | |
|-----------------------|-----------------|
| TOTAL | \$6,468,592.32 |
| RETAINAGE | \$0.00 |
| TOTAL LESS RETAINAGE | \$6,468,592.32 |
| LESS PREVIOUS PAYMENT | \$ 6,468,592.32 |
| AMOUNT DUE | \$0.00 |

FINAL PAYMENT (PARTIAL PAYMENT NO. 26)

PREPARED BY: Ryan Cloonan
Project Inspector

CHECKED BY: Brett Jensen
Project Engineer

CONTRACTOR: INROADS, LLC

Note: The City Engineer has determined that the contract is substantially complete and this payment includes release of retainage requested by the Contractor pursuant to Iowa Code section 573.28.