



**Roll Call Number**

**Agenda Item Number**

11B

**Date** May 4, 2026

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR DES MOINES LEVEE ALTERATIONS - PHASE C, PETERSON CONTRACTORS, INC.**

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 Des Moines Levee Alterations - Phase C, Activity ID 082020006 ("Project"), in accordance with the contract approved under Roll Call No. 22-1933, of December 12, 2022, between Peterson Contractors, Inc., Cordell Peterson, President, 104 Blackhawk Street, PO Box A, Reinbeck, IA, 50669, 0155, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and the construction of the Project is accepted.

BE IT FURTHER RESOLVED: That \$15,223,352.39 is the total cost, of which \$14,766,651.82 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, and of which the remaining balance of \$456,700.57 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:

/s/ Glenna K. Frank

/s/ Nickolas J. Schaul

Glenna K. Frank  
Deputy City Attorney

Nickolas J. Schaul  
Director of Finance



Funding Source: 2026-27 CIP, Page 99, Flood Mitigation Improvements, SM087, Being: Storm Water Utility Funds and Flood Mitigation Sales Tax

| COUNCIL ACTION | YEAS | NAYS | PASS | ABSENT |
|----------------|------|------|------|--------|
| BOESEN         |      |      |      |        |
| SIMONSON       |      |      |      |        |
| VOSS           |      |      |      |        |
| BARRON         |      |      |      |        |
| WESTERGAARD    |      |      |      |        |
| MANDELBAUM     |      |      |      |        |
| GATTO          |      |      |      |        |
| TOTAL          |      |      |      |        |

MOTION CARRIED

APPROVED

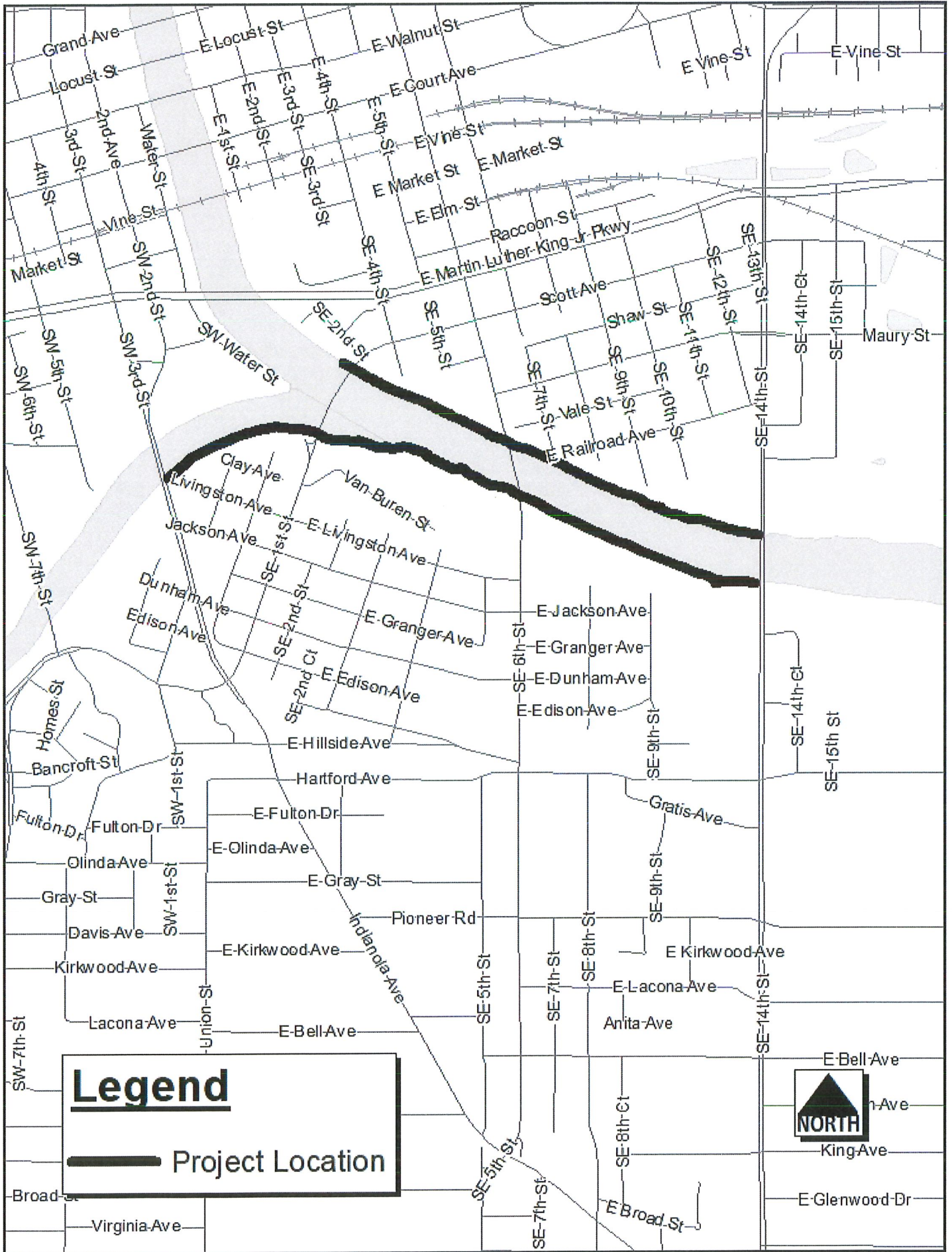
\_\_\_\_\_  
Mayor

**CERTIFICATE**

I, Laura Baumgartner, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, 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.

\_\_\_\_\_  
City Clerk





## PROJECT SUMMARY

### Des Moines Levee Alterations - Phase C

#### Activity ID 082020006

On December 12, 2022, under Roll Call No. 22-1933, the Council awarded the contract for the above improvements to Peterson Contractors, Inc., in the amount of \$17,391,129.50. 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                | 2/20/2023<br>Sanitary sewer spin cast pipe rehabilitation is being removed from this contract and will be added to a future WRA lining contract.                                                                                                                                                                                                                                                                                                    | \$(550,000.00) |
| 2                       | Contractor          | 4/11/2023<br>Addition of temporary seeding to the contract and plan changes related to gatewell modifications.                                                                                                                                                                                                                                                                                                                                      | \$61,545.00    |
| 3                       | Engineering         | 10/26/2023<br>Eliminating sanitary sewer abandonment and replacing with a bulkhead, adding a staircase for gatewell 410, adding additional levee penetration abandonments, adding additional work for sheet pile wall dead-men anchors, adding sanitary sewer removal and relocation, adding drill seeding, and adjustment of quantities for excavation items, including disposal and additional dirt necessary for future SE 8th Street forcemain. | \$(324,868.52) |
| 4                       | Engineering         | 3/5/2024<br>Addition of fiber relocation, end of roadway signs, three utility abandonment, Stage 3 trail closure detour, hydrant relocation, and stockpiling of check valves and changes to pipe outlet and bank armoring at the Jackson Basin outlet and under SE 14th Street bridge.                                                                                                                                                              | \$30,677.49    |
| 5                       | Engineering         | 12/4/2024<br>Addition of erosion control items, pump station electrical relocation, flap gates to replace ball valves, manhole modifications and new, pipe removal, fencing removal and reinstallation, and light fixture salvage.                                                                                                                                                                                                                  | \$78,401.55    |
| 6                       | Engineering         | 4/21/2025<br>Addition of electrical conduit relocation, electrical cabinet relocation, and handicap parking signs to the contract.                                                                                                                                                                                                                                                                                                                  | \$17,817.75    |
| 7                       | Engineering         | 8/21/2025<br>Addition of street lighting conduit, trail lighting conduit and wire, gatewell handrail, cleanout extensions, swing gates stockpile, and SWPPP inspection.                                                                                                                                                                                                                                                                             | \$44,911.90    |

|   |             |           |                                                      |                  |
|---|-------------|-----------|------------------------------------------------------|------------------|
| 8 | Engineering | 3/12/2026 |                                                      | \$(1,526,262.28) |
|   |             |           | Quantity adjustment to the as-built quantities.      |                  |
|   |             |           | <b>Original Contract Amount</b>                      | \$17,391,129.50  |
|   |             |           | <b>Total Change Orders</b>                           | \$(2,167,777.11) |
|   |             |           | <b>Percent of Change Orders to Original Contract</b> | (12.46)%         |
|   |             |           | <b>Total Contract Amount</b>                         | \$15,223,352.39  |

Department of Engineering  
City of Des Moines, Iowa



May 5, 2026

**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the Des Moines Levee Alterations - Phase C, Peterson Contractors, Inc.

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$15,223,352.39 As-Built Contract Cost

Funding Source: 2026-27 CIP, Page 99, Flood Mitigation Improvements, SM087, Being: Storm Water Utility Funds and Flood Mitigation Sales Tax

**CERTIFICATION OF COMPLETION:**

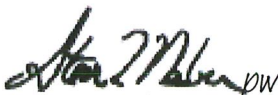
On December 12, 2022, under Roll Call No. 22-1933, the City Council awarded a contract to Peterson Contractors, Inc., Cordell Peterson, President, 104 Blackhawk Street, PO Box A, Reinbeck, IA 50669-0155 for the construction of the following improvement:

Des Moines Levee Alterations - Phase C, 082020006

The improvement includes earthen levee raise and widening, earthwork, excavation, clearing, revetment, sheet piling, gatewell raise, sewer pipe and repair, seepage relief pipe, swing gates, articulated concrete block, utility abandonment, rain garden, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) pavement, light pole relocation, erosion control, seeding, other incidental items and miscellaneous associated work including cleanup; all in accordance with the contract documents, including Plan File No. 638-222/388, with improvements located along the Des Moines River from the confluence of the Raccoon River to S.E. 14th Street, Des Moines, Iowa

I hereby certify that the construction of said Des Moines Levee Alterations - Phase C, Activity ID 082020006, 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 February 1, 2023, and was completed on April 13, 2026.

I further certify that \$15,223,352.39 is the total cost of said improvement, of which \$14,766,651.82 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 \$456,700.57 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

ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA



**ESTIMATE OF CONSTRUCTION COMPLETED**  
**FOR WORK DONE FROM 2/14/2026 to 4/1/2026**  
**PARTIAL PAYMENT NO. 29 (FINAL)**

PROJECT: DES MOINES LEVEE ALTERATIONS - PHASE C  
CONTRACTOR: PETERSON CONTRACTORS, INC.

ACTIVITY ID: 08-2020-006  
DATE: 4/13/2026

| ITEM NO. | DESCRIPTION                                                   | UNIT  | QUANTITIES |            |                     |                         | UNIT PRICE    | TOTAL AMOUNT   |
|----------|---------------------------------------------------------------|-------|------------|------------|---------------------|-------------------------|---------------|----------------|
|          |                                                               |       | ESTIMATED  | AUTHORIZED | CONSTRUCTED TO DATE | CONSTRUCTED THIS PERIOD |               |                |
| 1        | CLEARING & GRUBBING                                           | LS    | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 90,000.00  | \$90,000.00    |
| 2        | TOPSOIL, ON-SITE                                              | CY    | 15,100.00  | 13,998.00  | 13,998.00           | 0.00                    | \$ 7.15       | \$100,085.70   |
| 3        | TOPSOIL, OFF-SITE (IMPORT)                                    | CY    | 2,300.00   | 400.00     | 400.00              | 0.00                    | \$ 49.15      | \$19,660.00    |
| 4        | EXCAVATION, CLASS 10 (IMPERVIOUS LEVEE FILL FROM AIRPORT, IMI | CY    | 56,600.00  | 57,200.00  | 57,200.00           | 0.00                    | \$ 24.80      | \$1,418,560.00 |
| 5        | EXCAVATION, CLASS 10 (PERVIOUS LEVEE FILL)                    | CY    | 35,000.00  | 40,400.00  | 40,400.00           | 0.00                    | \$ 15.00      | \$606,000.00   |
| 6        | EXCAVATION, CLASS 10 ( EXPLORATION TRENCH, EXPORT MATERIAL    | CY    | 9,700.00   | 12,602.00  | 12,602.00           | 0.00                    | \$ 6.00       | \$75,612.00    |
| 7        | EXCAVATION, CLASS 10 (COMPENSATORY STORAGE AREA, EXPORT SU    | CY    | 6,630.00   | 29,733.00  | 29,733.00           | 0.00                    | \$ 13.15      | \$390,988.95   |
| 8        | EXPORT (UNACCEPTABLE DEBRIS, UNSUITABLE MATERIAL TO LANDFI    | TON   | 23,000.00  | 0.00       | 0.00                | 0.00                    | \$ 29.00      | \$0.00         |
| 9        | EXPORT (CONTAMINATED LEAD, PETRO, ETC. UNSUITABLE MATERIAL    | TON   | 4,000.00   | 883.41     | 883.41              | 0.00                    | \$ 30.00      | \$26,502.30    |
| 10       | EXPLORATORY EXCAVATION (UTILITY POTHOLING)                    | HOURS | 88.00      | 35.50      | 35.50               | 0.00                    | \$ 505.00     | \$17,927.50    |
| 11       | SUBGRADE PREPARATION                                          | SY    | 2,730.00   | 3,748.42   | 3,748.42            | 0.00                    | \$ 2.20       | \$8,246.52     |
| 12       | MODIFIED SUBBASE, 4" DEPTH                                    | SY    | 810.00     | 721.84     | 721.84              | 0.00                    | \$ 10.00      | \$7,218.40     |
| 13       | MODIFIED SUBBASE, 6" DEPTH                                    | SY    | 1,920.00   | 1,873.07   | 1,873.07            | 0.00                    | \$ 12.65      | \$23,694.34    |
| 14       | TRENCH FOUNDATION                                             | TON   | 40.00      | 0.00       | 0.00                | 0.00                    | \$ 100.00     | \$0.00         |
| 15       | ENGINEERED BACKFILL                                           | CY    | 20.00      | 0.00       | 0.00                | 0.00                    | \$ 150.00     | \$0.00         |
| 16       | REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL, CLASS II MATER   | CY    | 60.00      | 0.00       | 0.00                | 0.00                    | \$ 125.00     | \$0.00         |
| 17       | SANITARY SEWER ABANDONMENT, FILL AND PLUG (STA 186+25, 12")   | LF    | 100.00     | 40.00      | 40.00               | 0.00                    | \$ 950.00     | \$38,000.00    |
| 18       | SANITARY SEWER ABANDONMENT, FILL AND PLUG (STA 196+45, 36")   | LF    | 55.00      | 22.00      | 22.00               | 0.00                    | \$ 1,750.00   | \$38,500.00    |
| 19       | SANITARY SIPHON SEWER ABANDONMENT, FILL AND PLUG 60 LF ON     | LS    | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 430,000.00 | \$430,000.00   |
| 20       | SANITARY SIPHON SEWER ABANDONMENT, FILL AND PLUG 60LF ON      | LS    | 1.00       | 0.00       | 0.00                | 0.00                    | \$ 330,000.00 | \$0.00         |
| 21       | SANITARY SEWER ABANDONMENT, FILL AND PLUG (STA 175+60, 5'x5   | LF    | 75.00      | 75.00      | 75.00               | 0.00                    | \$ 3,000.00   | \$225,000.00   |
| 22       | GAS ABANDONMENT, FILL AND PLUG (STA 176+00, 10")              | LF    | 110.00     | 77.00      | 77.00               | 0.00                    | \$ 300.00     | \$23,100.00    |
| 23       | GAS ABANDONMENT, FILL AND PLUG (STA 533+50, 8")               | LF    | 135.00     | 54.00      | 54.00               | 0.00                    | \$ 300.00     | \$16,200.00    |
| 24       | GAS ABANDONMENT, FILL AND PLUG (STA 533+50, 10")              | LF    | 135.00     | 54.00      | 54.00               | 0.00                    | \$ 300.00     | \$16,200.00    |
| 25       | WATER ABANDONMENT, FILL AND PLUG (STA 533+00, 175+50, 12")    | LF    | 250.00     | 62.00      | 62.00               | 0.00                    | \$ 300.00     | \$18,600.00    |
| 26       | WATER ABANDONMENT, FILL AND PLUG (STA 533+50, 12")            | LF    | 135.00     | 90.00      | 90.00               | 0.00                    | \$ 300.00     | \$27,000.00    |
| 27       | STORM SEWER ABANDONMENT, FILL AND PLUG (STA 201+75, 24")      | LF    | 175.00     | 70.00      | 70.00               | 0.00                    | \$ 550.00     | \$38,500.00    |
| 28       | STORM SEWER ABANDONMENT, FILL AND PLUG (STA 533+50, 18")      | LF    | 30.00      | 30.00      | 30.00               | 0.00                    | \$ 400.00     | \$12,000.00    |
| 29       | STORM SEWER GROUT LEAKING JOINT, 72" X 72" RCB BOX, STA 577+  | EACH  | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 35,000.00  | \$35,000.00    |
| 30       | STORM SEWER GATEWELL ABANDONMENT, FILL AND PLUG (GATEW        | EACH  | 1.00       | 0.00       | 0.00                | 0.00                    | \$ 90,000.00  | \$0.00         |
| 31       | PIPE ABANDONMENT, FILL AND PLUG (VARIOUS TYPES _SIZES_)       | CY    | 20.00      | 5.00       | 5.00                | 0.00                    | \$ 3,000.00   | \$15,000.00    |
| 32       | STORM SEWER, TRENCHED (RCP CLASS 5, STA 518+25 AT CLAY AVEN   | LF    | 622.00     | 649.00     | 649.00              | 0.00                    | \$ 200.00     | \$129,800.00   |
| 33       | STORM SEWER POINT REPAIR, RCP CLASS 3, 15"; STA. 518+25       | LS    | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 25,000.00  | \$25,000.00    |
| 34       | STORM SEWER POINT REPAIR, RCP CLASS 3, 18"; STA. 518+25       | LS    | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 26,000.00  | \$26,000.00    |
| 35       | PIPE CULVERT, TRENCHED, RCP, 12"                              | LF    | 70.00      | 72.00      | 72.00               | 0.00                    | \$ 400.00     | \$28,800.00    |
| 36       | PIPE APRON, TYPE 2 CIRCULAR CONCRETE, 12"                     | EACH  | 4.00       | 4.00       | 4.00                | 0.00                    | \$ 5,000.00   | \$20,000.00    |

| ITEM NO. | DESCRIPTION                                                      | UNIT | QUANTITIES |            |                     |                         | UNIT PRICE    | TOTAL AMOUNT   |
|----------|------------------------------------------------------------------|------|------------|------------|---------------------|-------------------------|---------------|----------------|
|          |                                                                  |      | ESTIMATED  | AUTHORIZED | CONSTRUCTED TO DATE | CONSTRUCTED THIS PERIOD |               |                |
| 37       | SPIN CAST PIPE REHABILITATION, LRCP SANITARY, 48" DIA STA. 533+0 | LF   | 220.00     | 0.00       | 0.00                | 0.00                    | \$ 2,500.00   | \$0.00         |
| 38       | RELOCATE HYDRANT ASSEMBLY; STA 175+75                            | LS   | 1.00       | 0.00       | 0.00                | 0.00                    | \$ 30,000.00  | \$0.00         |
| 39       | RELOCATE YARD HYDRANT ASSEMBLIES; STA. 188+00 AT EAGLE VIEW      | LS   | 1.00       | 0.00       | 0.00                | 0.00                    | \$ 15,000.00  | \$0.00         |
| 40       | MANHOLE, STORM SEWER (LEVEE SEEPAGE RELIEF), SUDAS SW-401,       | EACH | 5.00       | 5.00       | 5.00                | 0.00                    | \$ 9,500.00   | \$47,500.00    |
| 41       | MANHOLE, STORM SEWER (LEVEE SEEPAGE RELIEF), SUDAS SW-401,       | EACH | 2.00       | 2.00       | 2.00                | 0.00                    | \$ 11,000.00  | \$22,000.00    |
| 42       | MANHOLE, STORM SEWER, SUDAS SW-512 CATCH BASIN INLET             | EACH | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 6,500.00   | \$6,500.00     |
| 43       | MANHOLE, STORM SEWER, 96" DIA. SUDAS SW-401                      | EACH | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 43,000.00  | \$43,000.00    |
| 44       | CONCRETE COLLARS AT MANHOLE-SEWER CONNECTION                     | EACH | 2.00       | 4.00       | 4.00                | 0.00                    | \$ 3,000.00   | \$12,000.00    |
| 45       | MANHOLE ADJUSTMENT, MINOR W/ REINFORCED CONCRETE DIAMC           | EACH | 2.00       | 3.00       | 3.00                | 0.00                    | \$ 5,000.00   | \$15,000.00    |
| 46       | CONNECT TO MANHOLE                                               | EACH | 12.00      | 9.00       | 9.00                | 0.00                    | \$ 8,500.00   | \$76,500.00    |
| 47       | CURB AND GUTTER, 2' WIDE 6" STANDARD CURB                        | LF   | 17.00      | 641.00     | 641.00              | 0.00                    | \$ 69.00      | \$44,229.00    |
| 48       | BEAM CURB, PCC, 6" HEIGHT                                        | LF   | 157.00     | 223.00     | 223.00              | 0.00                    | \$ 70.00      | \$15,610.00    |
| 49       | HMA PAVEMENT (CLAY AVENUE)                                       | TON  | 225.00     | 100.00     | 100.00              | 0.00                    | \$ 162.00     | \$16,200.00    |
| 50       | REMOVAL OF SIDEWALK                                              | SY   | 720.00     | 417.68     | 417.68              | 0.00                    | \$ 10.00      | \$4,176.80     |
| 51       | REMOVAL OF SHARED USE PATH (TRAIL)                               | SY   | 10,830.00  | 10,950.00  | 10,950.00           | 0.00                    | \$ 6.55       | \$71,722.50    |
| 52       | REMOVAL OF PAVEMENT, HMA BITUMINOUS SURFACING (CLAY AVE          | SY   | 1,000.00   | 240.22     | 240.22              | 0.00                    | \$ 6.50       | \$1,561.43     |
| 53       | REMOVAL OF DRIVEWAY, GRANULAR SURFACING                          | SY   | 2,190.00   | 1,274.05   | 1,274.05            | 0.00                    | \$ 4.25       | \$5,414.71     |
| 54       | REMOVAL OF DRIVEWAY, PCC                                         | SY   | 1,680.00   | 2,979.06   | 2,979.06            | 0.00                    | \$ 7.25       | \$21,598.19    |
| 55       | SHARED USE PATH, HMA, 6 IN., STANDARD TRAFFIC                    | SY   | 12,000.00  | 12,028.90  | 12,028.90           | 0.00                    | \$ 48.00      | \$577,387.20   |
| 56       | TEMPORARY SHARED USE TRAIL                                       | SY   | 1,000.00   | 0.00       | 0.00                | 0.00                    | \$ 58.55      | \$0.00         |
| 57       | SIDEWALK, PCC, 5"                                                | SY   | 315.00     | 608.19     | 608.19              | 0.00                    | \$ 70.00      | \$42,573.30    |
| 58       | DETECTABLE WARNING                                               | SF   | 185.00     | 146.00     | 146.00              | 0.00                    | \$ 45.00      | \$6,570.00     |
| 59       | DRIVEWAY, PCC, 6"                                                | SY   | 861.00     | 898.17     | 898.17              | 0.00                    | \$ 75.00      | \$67,362.75    |
| 60       | DRIVEWAY, PCC, 8"                                                | SY   | 551.00     | 954.13     | 954.13              | 0.00                    | \$ 95.00      | \$90,642.35    |
| 61       | DRIVEWAY, GRANULAR SURFACING, 6" (LEVEE ACCESS RAMPS)            | SY   | 400.00     | 0.00       | 0.00                | 0.00                    | \$ 14.30      | \$0.00         |
| 62       | DRIVEWAY, GRANULAR SURFACING, 12"                                | SY   | 692.00     | 723.48     | 723.48              | 0.00                    | \$ 28.00      | \$20,257.44    |
| 63       | CURB & GUTTER REMOVAL                                            | LF   | 510.00     | 227.00     | 227.00              | 0.00                    | \$ 23.00      | \$5,221.00     |
| 64       | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE                    | LF   | 300.00     | 1,573.00   | 1,573.00            | 0.00                    | \$ 25.00      | \$39,325.00    |
| 65       | PAINTED SYMBOLS AND LEGENDS                                      | EACH | 32.00      | 16.00      | 16.00               | 0.00                    | \$ 110.00     | \$1,760.00     |
| 66       | GROOVES CUT FOR SYMBOLS AND LEGENDS                              | EACH | 32.00      | 12.00      | 12.00               | 0.00                    | \$ 110.00     | \$1,320.00     |
| 67       | TEMPORARY TRAFFIC CONTROL                                        | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 133,600.00 | \$133,600.00   |
| 68       | SPECIAL SIGNAGE                                                  | EACH | 23.00      | 10.00      | 10.00               | 0.00                    | \$ 250.00     | \$2,500.00     |
| 69       | FILTER SOCK, INSTALLATION, MAINTENANCE, AND REMOVAL              | LF   | 3,000.00   | 12,334.00  | 12,334.00           | 0.00                    | \$ 2.50       | \$30,835.00    |
| 70       | TEMPORARY ROLLED EROSION CONTROL PRODUCT (RECP, TYPE 2 OR        | SY   | 6,000.00   | 70,784.00  | 70,784.00           | 0.00                    | \$ 1.44       | \$101,928.96   |
| 71       | TEMPORARY EARTH DIVERSION STRUCTURE, ALL TYPES, 18" HEIGHT       | LF   | 400.00     | 0.00       | 0.00                | 0.00                    | \$ 26.00      | \$0.00         |
| 72       | RIP RAP, CLASS B                                                 | TON  | 7,510.00   | 5,441.69   | 5,441.69            | 0.00                    | \$ 74.15      | \$403,501.31   |
| 73       | RIP RAP, CLASS E                                                 | TON  | 20,086.00  | 19,912.40  | 19,912.40           | 0.00                    | \$ 69.00      | \$1,373,955.60 |
| 74       | RIP RAP REMOVE                                                   | TON  | 5,900.00   | 4,700.00   | 4,700.00            | 0.00                    | \$ 18.50      | \$86,950.00    |
| 75       | SILT FENCE, INSTALLATION, MAINTENANCE, AND REMOVAL               | LF   | 15,000.00  | 15,990.00  | 15,990.00           | 0.00                    | \$ 1.85       | \$29,581.50    |
| 76       | STABILIZED CONSTRUCTION ENTRANCE                                 | SY   | 1,960.00   | 1,187.22   | 1,187.22            | 0.00                    | \$ 36.00      | \$42,739.92    |
| 77       | DUST CONTROL, WATER                                              | MGAL | 200.00     | 84.00      | 84.00               | 0.00                    | \$ 125.00     | \$10,500.00    |
| 78       | INLET PROTECTION DEVICE, DROP-IN INTAKE PROTECTION               | EACH | 2.00       | 2.00       | 2.00                | 0.00                    | \$ 190.00     | \$380.00       |
| 79       | INLET PROTECTION DEVICE, SURFACE-APPLIED INTAKE PROTECTION       | EACH | 6.00       | 0.00       | 0.00                | 0.00                    | \$ 75.00      | \$0.00         |
| 80       | INLET PROTECTION DEVICE, MAINTENANCE                             | EACH | 8.00       | 1.00       | 1.00                | 0.00                    | \$ 20.00      | \$20.00        |
| 81       | TEMPORARY CHAIN LINK FENCE, 5'                                   | LF   | 1,200.00   | 730.00     | 730.00              | 0.00                    | \$ 7.15       | \$5,219.50     |

| ITEM NO. | DESCRIPTION                                                    | UNIT | QUANTITIES |            |                     |                         | UNIT PRICE      | TOTAL AMOUNT   |
|----------|----------------------------------------------------------------|------|------------|------------|---------------------|-------------------------|-----------------|----------------|
|          |                                                                |      | ESTIMATED  | AUTHORIZED | CONSTRUCTED TO DATE | CONSTRUCTED THIS PERIOD |                 |                |
| 82       | REMOVAL & REINSTALLATION OF EXISTING FENCE, CHAIN LINK, 6' HE  | LF   | 530.00     | 868.00     | 868.00              | 0.00                    | \$ 34.00        | \$29,512.00    |
| 83       | REMOVAL OF EXISTING FENCE, CHAIN LINK, 4' HEIGHT               | LF   | 810.00     | 810.00     | 810.00              | 0.00                    | \$ 4.00         | \$3,240.00     |
| 84       | TEMPORARY FENCE, CONSTRUCTION, ORANGE WARNING 3'-5'            | LF   | 4,000.00   | 4,665.00   | 4,665.00            | 0.00                    | \$ 6.00         | \$27,990.00    |
| 85       | DEMOLITION WORK, REMOVAL OF RAILROAD BRIDGE ABUTMENT NE        | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 25,500.00    | \$25,500.00    |
| 86       | REMOVE AND RELOCATE EXISTING SIGN                              | EACH | 5.00       | 8.00       | 8.00                | 0.00                    | \$ 450.00       | \$3,600.00     |
| 87       | REMOVE SALVAGE AND STOCKPILE GARDEN PLANTERS, HYDRANTS &       | LS   | 1.00       | 0.00       | 0.00                | 0.00                    | \$ 5,265.00     | \$0.00         |
| 88       | REMOVE GUARD RAIL AND SIGN                                     | LF   | 20.00      | 0.00       | 0.00                | 0.00                    | \$ 29.00        | \$0.00         |
| 89       | REMOVE AND RELOCATE CONCRETE PAD                               | EACH | 3.00       | 1.00       | 1.00                | 0.00                    | \$ 1,495.00     | \$1,495.00     |
| 90       | REMOVE AND DISPOSE DEBRIS (FROM PIPES AND GATEWELLS)           | TON  | 110.00     | 0.00       | 0.00                | 0.00                    | \$ 140.00       | \$0.00         |
| 91       | REMOVE AND DISPOSE DEBRIS (CONTAMINATED FROM PIPES AND G       | TON  | 55.00      | 0.00       | 0.00                | 0.00                    | \$ 215.00       | \$0.00         |
| 92       | REMOVE AND DISPOSE MISC DEBRIS                                 | TON  | 150.00     | 0.00       | 0.00                | 0.00                    | \$ 140.00       | \$0.00         |
| 93       | CONSTRUCTION SURVEY AND AS-BUILT SURVEY                        | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 97,000.00    | \$97,000.00    |
| 94       | MOBILIZATION                                                   | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 868,000.00   | \$868,000.00   |
| 95       | CONCRETE WASHOUT                                               | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 2,100.00     | \$2,100.00     |
| 96       | TREE PROTECTION FENCE                                          | LF   | 1,410.00   | 830.00     | 830.00              | 0.00                    | \$ 3.25         | \$2,697.50     |
| 97       | STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (PHASE C SIT     | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 8,000.00     | \$8,000.00     |
| 98       | STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (CITY BORRO      | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 8,000.00     | \$8,000.00     |
| 99       | LEEVE SEEPAGE RELIEF TRENCH AND PIPE, DIRECTIONALLY DRILLED, P | LF   | 224.00     | 230.00     | 230.00              | 0.00                    | \$ 270.00       | \$62,100.00    |
| 100      | LEEVE SEEPAGE RELIEF TRENCH AND PIPE, TRENCHED, CPEP, 15" (INC | LF   | 6.00       | 0.00       | 0.00                | 0.00                    | \$ 915.00       | \$0.00         |
| 101      | LEEVE SEEPAGE RELIEF TRENCH AND PIPE, TRENCHED, CPEP SLOTTED   | LF   | 1,592.00   | 962.00     | 962.00              | 0.00                    | \$ 215.00       | \$206,830.00   |
| 102      | LEEVE SEEPAGE RELIEF TRENCH AND PIPE, TRENCHED, CPEP SLOTTED   | LF   | 5,891.00   | 5,467.00   | 5,467.00            | 0.00                    | \$ 265.00       | \$1,448,755.00 |
| 103      | LEEVE SEEPAGE RELIEF TRENCH AND PIPE, TRENCHED, DIP, 10" (INCL | LF   | 6.00       | 16.00      | 16.00               | 0.00                    | \$ 1,400.00     | \$22,400.00    |
| 104      | LEEVE SEEPAGE RELIEF TRENCH AND PIPE, TRENCHED, ALL SIZES (INC | LF   | 600.00     | 2,500.00   | 2,500.00            | 0.00                    | \$ 46.00        | \$115,000.00   |
| 105      | FLOATING BALL CHECK VALVE                                      | EACH | 10.00      | 4.00       | 4.00                | 0.00                    | \$ 18,500.00    | \$74,000.00    |
| 106      | MANHOLE, LEEVE SEEPAGE RELIEF, PVC, 24" DIAMETER               | EACH | 31.00      | 30.00      | 30.00               | 0.00                    | \$ 4,450.00     | \$133,500.00   |
| 107      | FLOOD CONTINGENCY PLAN                                         | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 187,500.00   | \$187,500.00   |
| 108      | COFFER AND DEWATER, DEWATERING, CONTROL OF WATER               | LS   | 1.00       | 0.65       | 0.65                | 0.00                    | \$ 1,280,000.00 | \$832,000.00   |
| 109      | STEEL SHEET PILING                                             | SF   | 4,000.00   | 4,000.00   | 4,000.00            | 0.00                    | \$ 54.90        | \$219,600.00   |
| 110      | STEEL OR VINYL SHEET PILING                                    | SF   | 36,900.00  | 37,172.43  | 37,172.43           | 0.00                    | \$ 31.05        | \$1,154,203.95 |
| 111      | GATEWELL #286 RAISE                                            | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 31,000.00    | \$31,000.00    |
| 112      | GATEWELL #290 RAISE                                            | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 148,000.00   | \$148,000.00   |
| 113      | GATEWELL #305 RAISE                                            | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 22,500.00    | \$22,500.00    |
| 114      | GATEWELL #340, #340A & #340B RAISE                             | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 92,000.00    | \$92,000.00    |
| 115      | GATEWELL #410A & #410B RAISE                                   | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 112,000.00   | \$112,000.00   |
| 116      | GATEWELL #415 RAISE                                            | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 219,000.00   | \$219,000.00   |
| 117      | ROAD SIGNAGE                                                   | EACH | 40.00      | 31.00      | 31.00               | 0.00                    | \$ 450.00       | \$13,950.00    |
| 118      | SWING GATE                                                     | EACH | 5.00       | 5.00       | 5.00                | 0.00                    | \$ 6,000.00     | \$30,000.00    |
| 119      | CONCRETE PAD FOR RECREATIONAL FEATURE                          | EACH | 3.00       | 0.00       | 0.00                | 0.00                    | \$ 2,500.00     | \$0.00         |
| 120      | GRANULAR FILTER BLANKET                                        | TON  | 4,200.00   | 3,763.69   | 3,763.69            | 0.00                    | \$ 25.00        | \$94,092.25    |
| 121      | REMOVAL GRANULAR FILTER BLANKET                                | TON  | 2,000.00   | 1,733.00   | 1,733.00            | 0.00                    | \$ 12.25        | \$21,229.25    |
| 122      | PRESTRESSED CONCRETE CYLINDER PIPE (PCCP) WATERMAIN PROTEC     | LS   | 1.00       | 1.00       | 1.00                | 0.00                    | \$ 25,800.00    | \$25,800.00    |
| 123      | PROJECT SIGN                                                   | EACH | 6.00       | 5.00       | 5.00                | 0.00                    | \$ 900.00       | \$4,500.00     |
| 124      | PROJECT SIGN (LEEVE RIGHT-OF-WAY SIGNS)                        | EACH | 20.00      | 0.00       | 0.00                | 0.00                    | \$ 300.00       | \$0.00         |
| 125      | FINE FILTER AGGREGATE (TOE FILTER AT 48" PCCP)                 | CY   | 150.00     | 150.00     | 150.00              | 0.00                    | \$ 49.85        | \$7,477.50     |
| 126      | FINE FILTER AGGREGATE (BUTTRESS ATOP SRT)                      | CY   | 2,000.00   | 1,000.00   | 1,000.00            | 0.00                    | \$ 50.55        | \$50,550.00    |





| ITEM NO. | DESCRIPTION                  | UNIT | QUANTITIES       |            |                     |                         | UNIT PRICE | TOTAL AMOUNT |
|----------|------------------------------|------|------------------|------------|---------------------|-------------------------|------------|--------------|
|          |                              |      | ESTIMATED        | AUTHORIZED | CONSTRUCTED TO DATE | CONSTRUCTED THIS PERIOD |            |              |
|          | PARTIAL PAYMENT 9            |      | \$ 937,310.26    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 10           |      | \$ 329,356.91    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 11           |      | \$ 342,081.33    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 12           |      | \$ 193,525.33    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 13           |      | \$ 225,931.86    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 14           |      | \$ 449,266.43    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 15           |      | \$ 947,751.39    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 16           |      | \$ 281,808.66    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 17           |      | \$ 382,767.74    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 18           |      | \$ 1,282,759.91  |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 19           |      | \$ 571,817.18    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 20           |      | \$ 825,023.81    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 21           |      | \$ 388,551.33    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 22           |      | \$ 110,506.62    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 23           |      | \$ 150,228.75    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 24           |      | \$ 389,489.17    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 25           |      | \$ 450,247.41    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 26           |      | \$ 230,733.87    |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 27           |      | \$ 71,108.48     |            |                     |                         |            |              |
|          | PARTIAL PAYMENT 28           |      | \$ 521,025.80    |            |                     |                         |            |              |
|          | THIS PARTIAL PAYMENT 29      |      | \$ -             |            |                     |                         |            |              |
|          | TOTAL PARTIAL PAYMENTS       |      | \$ 14,766,651.82 |            |                     |                         |            |              |
|          | BALANCE                      |      | \$ 456,700.57    |            |                     |                         |            |              |
|          | APPROXIMATE PERCENT COMPLETE |      | 100.0%           |            |                     |                         |            |              |

PREPARED BY:

*Scott Kruse*

Project Inspector

CHECKED BY:

*Luke Johnson*

Project Engineer



|                       |                  |
|-----------------------|------------------|
| TOTAL                 | \$15,223,352.39  |
| RETAINAGE             | \$ 456,700.57    |
| TOTAL LESS RETAINAGE  | \$ 14,766,651.82 |
| LESS PREVIOUS PAYMENT | \$ 14,766,651.82 |
| AMOUNT DUE            | \$ -             |

PARTIAL PAYMENT NO. 29 (FINAL)