

# **Roll Call Number**

Moved by \_\_\_\_\_ to adopt.

Agenda Item Number

Second by

DATE December 12, 2022

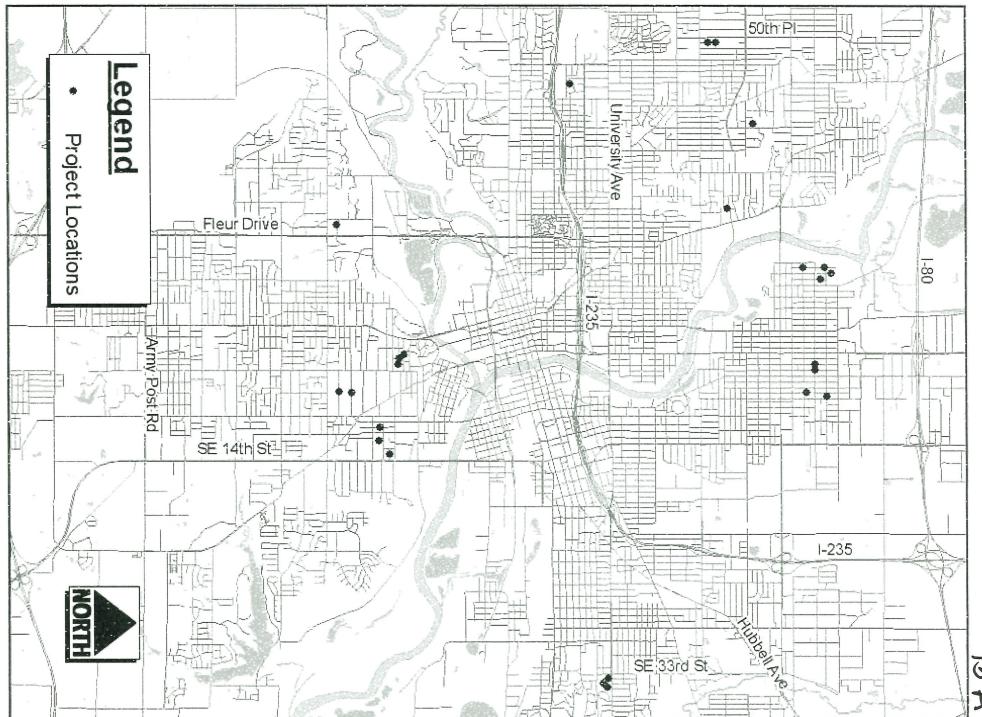
## ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2020 HMA RESIDENTIAL PAVING PROGRAM CONTRACT 1, GRIMES ASPHALT AND **PAVING CORPORATION**

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 2020 HMA Residential Paving Program Contract 1, 062020005, in accordance with the contract approved between Grimes Asphalt and Paving Corporation, Timothy Mallicoat, President, 5550 NE 22nd Street, Des Moines, IA 50313, under Roll Call No. 20-0687, of April 20, 2020, 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 \$2,191,308.82 is the total cost, of which \$2,125,569.56 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 \$65,739.26 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 Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

| FORM APPROVED:                              |          |      |           |          | FUNDS AVAILABLE  |
|---|----------|------|-----------|----------|--|
| si Kathleen Va                              | enderp   | ool  |           |          | May May (8   |
| Kathleen Vanderpool<br>Deputy City Attorney |          |      | treet Imp |          | Nickolas J. Schaul Director of Finance  - LOSST, ST800, LOSST Monies                           |
| COUNCIL ACTION                              | YEAS     | NAYS | PASS      | ABSENT   | I I am Daniel City Clady of said City  |
| COWNIE                                      |          |      |           | 11002111 | I, Laura Baumgartner, City Clerk of said City Council, hereby certify that at a meeting of the |
| BOESEN                                      | -        |      |           |          | City Council, held on the above date, among  |
| GATTO                                       | <u> </u> |      |           | <u> </u> | other proceedings the above was adopted.   |
|   |          |      |           |          |  |
| MANDELBAUM                                  |          |      |           |          | IN WITNESS WHEREOF, I have hereunto set  |
| SHEUMAKER                                   |          |      |           |          | my hand and affixed my seal the day and year   |
| VOSS  |          |      |           |          | first above written.   |
| WESTERGAARD                                 |          |      |           |          |  |
| TOTAL                                       |          |      |           |          | •  |
| MOTION CARRIED                              |          |      | L         | APPROVED |  |
|   |          |      |           |          |  |
|   |          |      |           |          |  |
|   |          |      |           |          |  |
|   |          |      |           | Mayo     | r City Clerk   |



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# **PROJECT SUMMARY**

# 2020 HMA Residential Paving Program Contract 1 Activity ID 062020005

On April 20, 2020, under Roll Call No. 20-0687, the Council awarded the contract for the above improvements to Grimes Asphalt and Paving Corporation, in the amount of \$1,771,333.50. Tabulated below is a history of project change orders.

| Change<br>Order No. | Initiated By | Description  | Amount   |  |  |  |  |
|---------------------|--------------|--|--|--|--|--|--|
| 1                   | City         | 9/17/2020  | \$40,000.00  |  |  |  |  |
|                     | ,            | Add items for replacing driveway approaches.   |  |  |  |  |  |
| 2                   | City         | 4/30/2021  | \$49,711.75  |  |  |  |  |
|                     |              | Added items for subgrade improvements, an asphalt stranditive, and removal and replacement of PCC pavement   |  |  |  |  |  |
| 3                   | City         | 5/19/2021  | \$49,979.50  |  |  |  |  |
|                     |              | Added items for an asphalt interlayer, Portland Cement subgrade stabilization, and adjust quantity for removal a replacement of PCC pavements.   | and  |  |  |  |  |
| 4                   | City         | 6/7/2021   | \$49,973.00  |  |  |  |  |
|                     |              | Added Portland Cement subgrade stabilization.  |  |  |  |  |  |
| 5                   | City         | 7/19/2021  | \$49,984.00  |  |  |  |  |
|                     |              | Added Portland Cement subgrade stabilization, and adjugantity for PCC curb and gutter removal.   | Added Portland Cement subgrade stabilization, and adjust quantity for PCC curb and gutter removal. |  |  |  |  |
| 6                   | City         | 8/9/2021   | \$49,555.20  |  |  |  |  |
|                     |              | Added removal and replacement of PCC pavements at t intersection of 55th Street and Douglas Avenue, culvert Simms Drive, and added a concrete drainage flume on 8 8th Street.  | s on   |  |  |  |  |
| 7                   | City         | 10/19/2021   | \$49,640.80  |  |  |  |  |
|                     |              | Added removal and replacement of culvert and drivewa approach on Simms Drive, removal of storm sewer inta and replacement with new manhole, sewer pipe, and into on E. Rose Avenue, and adjust quantity for PCC curb argutter removal. | ke<br>ake  |  |  |  |  |
| 8                   | City         | 9/29/2022  | \$49,882.00  |  |  |  |  |
|                     |              | Added mobilizations, flaggers, patch removal and replacement, and traffic control, and adjust quantity for curb and gutter removal. Added removal and replacement HMA pavements on SE 30th Street RR Crosssing.                        |  |  |  |  |  |

| 9 | City | 11/14/2022 Added Retaining Wall and Sod at 111 Olinda adjusted final quantities to as-built quantities. | ,   | 13 A |
|---|------|---|-----|------|
|   |      |   | *** |      |

| Original Contract Amount                      | \$1,771,333.50 |
|---|----------------|
| <b>Total Change Orders</b>                    | \$419,975.32   |
| Percent of Change Orders to Original Contract | 23.71%         |
| <b>Total Contract Amount</b>                  | \$2,191,308.82 |



December 12, 2022

### **CERTIFICATION OF COMPLETION**

#### **AGENDA HEADING:**

Accepting completed construction and approving final payment for the 2020 HMA Residential Paving Program Contract 1, Grimes Asphalt and Paving Corporation.

#### SYNOPSIS:

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

#### **FISCAL IMPACT:**

Amount: \$2,191,308.82 As-Built Contract Cost

Funding Source: 2022-23 CIP, Page 167, Street Improvements - LOSST, ST800, LOSST Monies

#### CERTIFICATION OF COMPLETION:

On April 20, 2020, under Roll Call No. 20-0687, the City Council awarded a contract to Grimes Asphalt and Paving Corporation, Timothy Mallicoat, President, 5550 NE 22nd Street, Des Moines, IA 50313 for the construction of the following improvement:

2020 HMA Residential Paving Program Contract 1, 062020005

The improvements include furnishing labor, equipment, and materials for the removal of existing Hot Mix Asphalt (HMA) pavement and surfacing materials by milling/scarifying to an average depth of four inches, prepare subgrade/subbase, and reconstruct four inches HMA pavement with two lifts, replace sections of Portland Cement Concrete (PCC) curb and gutter, and replace existing sidewalk ramps with ADA-compliant ramps, all as directed by the engineer at the following sites within the City of Des Moines, Iowa:

S.W. 1st Street from Olinda Avenue to Davis Avenue

S.E. 7th Street from Pioneer Road south to dead end

13th Street from Madison Avenue to Shawnee Avenue

14th Street from Shawnee Avenue north to dead end

15th Street from Madison Avenue north to dead end

S.W. 22nd Street from Willowmere Drive south to dead end

25th Street from Sheridan Avenue to Prospect Road

E. 33rd Court from E. University Avenue to Simms Drive

E. 35th Street from E. University Avenue to Simms Drive

49th Place from Hickman Road to Holcomb Avenue

Amherst Street from E. Douglas Avenue north to dead end

Anita Avenue from S.E. 8th Court east to dead end

Boston Avenue from 38th Street west to dead end

E. Broad Street from South Union Street to S.E. 5th Street

California Drive from Crocker Street north to Chamberlain Avenue

Cambridge Street from E. Douglas Avenue to E. Aurora Avenue

Highland Street from Olinda Avenue to Davis Avenue

Holcomb Avenue from 49th Street to 50th Street

Kirkwood Avenue from S.E. 10th Street to S.E. 14th Street
Olinda Avenue from South Union Street to S.W. 9th Street
Oxford Street from E. Douglas Avenue to E. Aurora Avenue
E. Pleasant View Drive from South Union Street to S.E. 5th Street
Seneca Avenue from 14th Street to 16th Street
Shawnee Avenue from 14th Street to 15th Street
E. Shawnee Avenue from North Union Street to Amherst Street
Simms Drive from E. 33rd Court to E. 35th Street

I hereby certify that the construction of said 2020 HMA Residential Paving Program Contract 1, Activity ID 062020005, 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 August 28, 2020, and was completed on November 16, 2022.

I further certify that \$2,191,308.82 is the total cost of said improvement, of which \$2,125,569.56 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 \$65,739.26 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

# ESTIMATE OF CONSTRUCTION COMPLETED FOR WORK DONE FROM 08/19/2021 to 11/16/2022 FINAL PAYMENT (PARTIAL PAYMENT NO. 9)

CITY OF DES MOINES ENGINEERING DEPARTMENT

PROJECT: 2020 HMA RESIDENTIAL PAVING PROGRAM CONTRACT 1  $\,$ 

CONTRACTOR: Grimes Asphalt and Paving

ACTIVITY ID: 06-2020-005

| LONTRACI | OR: Grimes Asphalt and Paving                                      |      |            |                |                        |                  | DATE:                | 11/17/2022                |
|----------|--|------|------------|----------------|------------------------|------------------|----------------------|---------------------------|
|          |  |      | QUANTITIES |                |                        |                  |                      |                           |
| ITEM NO. | DESCRIPTION  | UNIT | ESTIMATED  | AUTHORIZED     | CONSTRUCTED<br>TO DATE | CONSTRUCTED      | IINITE DDICE         | MOMAL ANGOLYNYM           |
|          | NEW STOP BOX HOUSING   | EA   | 4.00       | 0.00           | 0.00                   | THIS PERIOD 0.00 | UNIT PRICE           | TOTAL AMOUNT              |
|          | NEW STOP BOX ROD   | EA   | 4.00       | 0.00           | 0.00                   |                  |                      | \$0.00                    |
|          | MANHOLE ADJUSTMENT, MINOR, WITH BOXOUT                             | EA   | 87.00      | 74.00          | 74.00                  | 0.00             |                      | \$0.00                    |
|          | CURB AND GUTTER 2' PCC   | LF   | 2,840.00   |                |                        |                  | -                    | \$74,148.00               |
|          | HMA LIGHT TRAFFIC (LT), 1/2" MIX, NO FRIC, PG 58-28S               | TON  | 14,450.00  | 8,059.20       | 8,059.20               | 0.00             | 1                    | \$298,190.40              |
|          | DECTECTABLE WARNING DEVICES, CAST IRON                             | SF   | 368.00     | 0.00<br>194.00 | 0.00<br>194.00         |                  | \$ 72.00<br>\$ 53.00 | \$0.00                    |
|          | SUBBASE OVER-EXCAVATION  | TON  | 260.00     | 0.00           | 0.00                   | 0.00             | \$ 40.00             | \$10,282.00               |
|          | MILLING, 4" AVERAGE DEPTH  | SY   | 66,454.00  | 53,573.27      | 53,573.27              | 0.00             | \$ 40.00             | \$0.00                    |
|          | REMOVE CURB AND GUTTER 2' PCC                                      | LF   | 2,840.00   | 7,969.20       | 7,969.20               | 0.00             | \$ 16.00             | \$227,686.40              |
|          | TRAFFIC CONTROL  | LS   | 1.00       | 1.00           | 1.00                   | 0.00             | \$ 17,700.00         | \$127,507.20              |
|          | MOBILIZATION   | LS   | 1.00       | 1.00           | 1.00                   | 0.00             | \$ 29,000.00         | \$17,700.00               |
|          | SIDEWALK, 4" PCC CLASS 'B', REMOVE AND REPLACE                     | SY   | 299.00     | 64.95          | 64.95                  | 0.00             | \$ 95.00             | \$29,000.00<br>\$6,170.25 |
|          | SIDEWALK, 5" PCC CLASS 'A', REMOVE AND REPLACE                     | SY   | 150.00     | 0.00           | 0.00                   | 0.00             | \$ 100.00            | \$0.00                    |
|          | SIDEWALK, ADA COMPLIANT RAMP, 6" PCC, REMOVE AND REPLACE           | SY   | 276.00     | 160.28         | 160.28                 | 0.00             |                      | \$16,829,40               |
|          | SIDEWALK, 7" PCC THROUGH ALLEY, REMOVE AND REPLACE                 | SY   | 15.00      | 0.00           | 0.00                   | 0.00             |                      | \$10,829.40               |
|          | BRICK SIDEWALK, with SAND BASE                                     | SY   | 15.00      | 0.00           | 0.00                   | 0.00             |                      | \$0.00                    |
|          | BRICK SIDEWALK, with CONCRETE BASE                                 | SY   | 15.00      | 0.00           | 0.00                   | 0.00             |                      | \$0.00                    |
|          | BRICK APPROACH, with CONCRETE BASE                                 | SY   | 20.00      | 0.00           | 0.00                   | 0.00             |                      |                           |
|          | TREE PROTECTION FENCE, 4' HIGH                                     | LF   | 625.00     | 0.00           | 0.00                   | 0.00             |                      | \$0.00<br>\$0.00          |
| 20       | TREE ROOT GRINDING   | EA   | 10.00      | 0.00           | 0.00                   | 0.00             |                      | \$0.00                    |
| 21       | SOD, NURSERY IN PLACE  | SQ   | 12.00      |                | 14.42                  | 0.00             |                      | \$12,141.64               |
| 22       | HYDRAULIC SEEDING  | SQ   | 12.00      | 0.00           | 0.00                   | 0.00             | \$ 421.00            | \$12,141.04               |
| 23       | SEGMENTAL BLOCK RETAINING WALL                                     | SF   | 25.00      | 0.00           | 0.00                   | 0.00             | ·                    | \$0.00                    |
| 24       | TRAFFIC CONTROL SIGN, REMOVE AND REPLACE                           | EA   | 5.00       | 0.00           | 0.00                   | 0.00             | \$ 211.00            | \$0.00                    |
| 25       | LOOP DETECTOR, REPLACEMENT, 6'x8'                                  | EA   | 2.00       | 0.00           | 0.00                   | 0.00             | \$ 1,500.00          | \$0.00                    |
| 26       | LOOP DETECTOR, REPLACEMENT, 6'x20'                                 | EA   | 2.00       | 0.00           | 0.00                   | 0.00             |                      | \$0.00                    |
| 27       | PROJECT SIGN - LOSST   | EA   | 6.00       | 6.00           | 6.00                   | 0.00             |                      | \$630.00                  |
|          |  |      | 0.00       | 0.00           | 0.00                   | 0.00             | φ 203.00             | 7030.00                   |
|          |  |      |            |                |                        |                  |                      |                           |
|          | Change Order Items   |      |            |                |                        |                  |                      |                           |
| 1.01     | Removal of Sidewalk, Shared Use Path, or Driveway                  | SY   | 0.00       | 697.88         | 597.88                 | 0.00             | \$ 20.00             | \$13,957.60               |
|          | 7030-108-H-1 Driveway, Paved, PCC, 6"                              | SY   | 0.00       | 704.88         | 704.88                 | 0.00             |                      | \$56,390.40               |
|          | Subgrade Treatment, Geogrid, Type 2                                | SY   | 0.00       |                |                        | 0.00             |                      | \$1,120.93                |
|          | Granular Subbase, Modified Subbase                                 | TON  | 0.00       | 444.03         | 444.03                 | 0.00             |                      | \$17,095.16               |
|          | New Road Asphalt Strength Additive @ 3 lbs Additive/Ton of Asphalt | TON  | 0.00       | 2,407.36       | 2,407.36               | 0.00             |                      | \$23,832.86               |
| 2.04     | PCC Pavement Removal and Replacement                               | SY   | 0.00       |                | 81.72                  | 0.00             |                      | \$8,948.34                |
| 3.01     | Asphalt Interlaver   | TON  | 0.00       |                | 189.00                 | 0.00             |                      | \$20,412.00               |
|          | Portland Cement Subgrade Stabilization                             | TON  | 0.00       |                | 226.74                 | 0.00             |                      | \$93,643.62               |
| 3.03     | Portland Cement Subgrade Stabilization Mobilization                | EA   | 0.00       |                | 5.00                   | 0.00             |                      | \$19,800.00               |
|          | Remove & Replace PCC Pavements on 55th & Douglas                   | LS   | 0.00       |                | 1.00                   | 0.00             | \$ 20,865.00         | \$20,865.00               |
|          | Remove 3 CMP Culverts and Replace RCP Culverts on Simms            | LS   | 0.00       |                | 1.00                   | 0.00             | \$ 27,315.20         | \$20,863.00               |

|   |   |      | QUANTITIES      |            |             |                  |              |   |
|---|---|------|-----------------|------------|-------------|------------------|--------------|---|
|   |   |      |                 |            | CONSTRUCTED | CONSTRUCTED      |              |   |
| ITEM NO.                                    | DESCRIPTION   | UNIT | ESTIMATED       | AUTHORIZED | TO DATE     | THIS PERIOD      | UNIT PRICE   | TOTAL AMOUNT                            |
|   | PCC Drainage Flume on SW 8th Street                             | LS   | 0.00            |            | 1.00        | 0.00             |              | \$1,375.00                              |
| 701   | Remove CMP Culvert and Replace RCP Culvert on SW 8th Street     | LS   | 0.00            | 1.00       | 1.00        | 0.00             |              | \$7,686.80                              |
| 702   | Remove Intake and Replace with new Manhole and Intake on E Rose | LS   | 0.00            | 1.00       | 1.00        | 0.00             |              | \$38,962.00                             |
| 8001  | Remove & Replace HMA Pavements on SE 30th St RR Crossing        | LS   | 0.00            | 1.00       | 1.00        | 0.00             | \$ 27,638.00 | \$27,638.00                             |
| 8002  | Extra Mobilizations for E Pleasant View Drive                   | EA   | 0.00            | 2.00       | 2.00        | 0.00             |              | \$5,000.00                              |
| 8003  | Flaggers for E Pleasant View Drive                              | DAY  | 0.00            |            | 5.87        | 0.00             | \$ 500.00    | \$2,935.00                              |
| 8004  | Additional Traffic Control for Simms Drive & E Rose Avenue      | LS   | 0.00            | 1.00       | 1.00        | 0.00             | \$ 4,000.00  | \$4,000.00                              |
| 8005  | 12" Patch Removal & Replacement for E Pleasant View Drive       | LS   | 0.00            | 1.00       | 1.00        | 0.00             | \$ 3,909.00  | \$3,909.00                              |
| 9001  | Retaining Wall & Sod at 111 Olinda Avenue                       | LS   | 0.00            | 1.00       | 1.00        | 0.00             | \$ 18,205.00 | \$18,205.00                             |
| 9002  | HMA LIGHT TRAFFIC (LT), 1/2" MIX, NO FRIC, PG 58-28S            | TON  | 0.00            | 10,300.34  | 10,300.34   | 0.00             | \$ 93.00     | \$957,931.62                            |
|   |   |      |                 |            |             |                  |              |   |
|   |   |      |                 |            |             |                  |              |   |
|   |   |      |                 |            |             |                  |              |   |
|   |   |      |                 |            |             |                  |              |   |
| <u></u>                                     |   |      |                 |            |             |                  |              |   |
|   | ORIGINAL CONTRACT AMOUNT  |      | \$ 1,771,333.50 |            |             |                  |              |   |
|   | TOTAL CHANGE ORDERS   |      | \$ 419,975.32   |            |             |                  |              |   |
| ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS |   |      | \$ 2,191,308.82 |            |             |                  |              |   |
| PARTIAL PAYMENT NO. 1                       |   |      | \$ 140,861.80   |            |             |                  |              |   |
|   | PARTIAL PAYMENT NO. 2   |      | \$ 186,057.49   |            |             |                  |              |   |
|   | PARTIAL PAYMENT NO. 3   |      | \$ 506,287.36   |            |             |                  |              |   |
|   | PARTIAL PAYMENT NO. 4   |      | \$ 377,903.52   |            |             |                  |              |   |
|   | PARTIAL PAYMENT NO. 5   |      | \$ 219,375.45   |            |             |                  |              |   |
| PARTIAL PAYMENT NO. 6                       |   |      | \$ 60,914.48    |            |             |                  |              |   |
|   | PARTIAL PAYMENT NO. 7   |      | \$ 47,157.52    |            |             |                  |              |   |
|   | PARTIAL PAYMENT NO. 8   |      | \$ 587,011.94   |            |             |                  |              |   |
|   | THIS PARTIAL PAYMENT  |      | \$ -            |            |             |                  |              |   |
|   | TOTAL PARTIAL PAYMENTS  |      | \$ 2,125,569.56 |            |             |                  |              |   |
|   | BALANCE   |      | \$ 65,739.26    |            |             |                  |              |   |
|   |   |      |                 |            |             |                  |              |   |
|   |   |      |                 |            |             | TOTAL            |              | \$2,191,308.82                          |
| PREPARED E                                  | ry: Tim Anderson  |      |                 |            |             | RETAINAGE        |              | \$ 65,739.26                            |
|   | 1   |      |                 |            | İ           |                  |              | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| CHECKED BY                                  | r: Tim Anderson  Joseph A. Elly                                 |      |                 |            |             | TOTAL LESS RETAI |              | \$ 2,125,569.56                         |
| CHECKED BY                                  |   |      |                 |            | }           | LESS PREVIOUS PA | YMENT        | \$ 2,125,569.56                         |
|   |   |      |                 |            |             | AMOUNT DUE       |              | \$ -                                    |

FINAL PAYMENT (PARTIAL PAYMENT NO. 9)