



**Roll Call Number**

**Agenda Item Number**

174

DATE July 24, 2017

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT  
FOR 2015 ROADWAY RECONSTRUCTION PROGRAM, 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 2015 Roadway Reconstruction Program, 06-2015-008, in accordance with the contract approved between Grimes Asphalt and Paving Corporation, Kurt Rasmussen, President, 5550 NE 22nd Street, Des Moines, IA 50313, under Roll Call No. 16-0348, of February 22, 2016, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$985,600.82 is the total cost, of which \$956,032.80 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 \$29,568.02 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 Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

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

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool  
Deputy City Attorney

Robert L. Fagen  
Des Moines Finance Director

*see* Funding Source: 2017-2018 CIP, Page Street - 30, Roadway Reconstruction, ST260, Being: \$500,000 G.O. Bonds; (Page Street - 24, Neighborhood Infrastructure Rehabilitation Program, ST205), \$100,000 Gaming funds for E. Court Avenue (Page Street - 39, Special City-wide Street Improvements ST217), and the remaining \$385,600.82 in Road Use Tax Funds for (Roadway Reconstruction, ST260)

★ **Roll Call Number**

Agenda Item Number

17A

DATE July 24, 2017

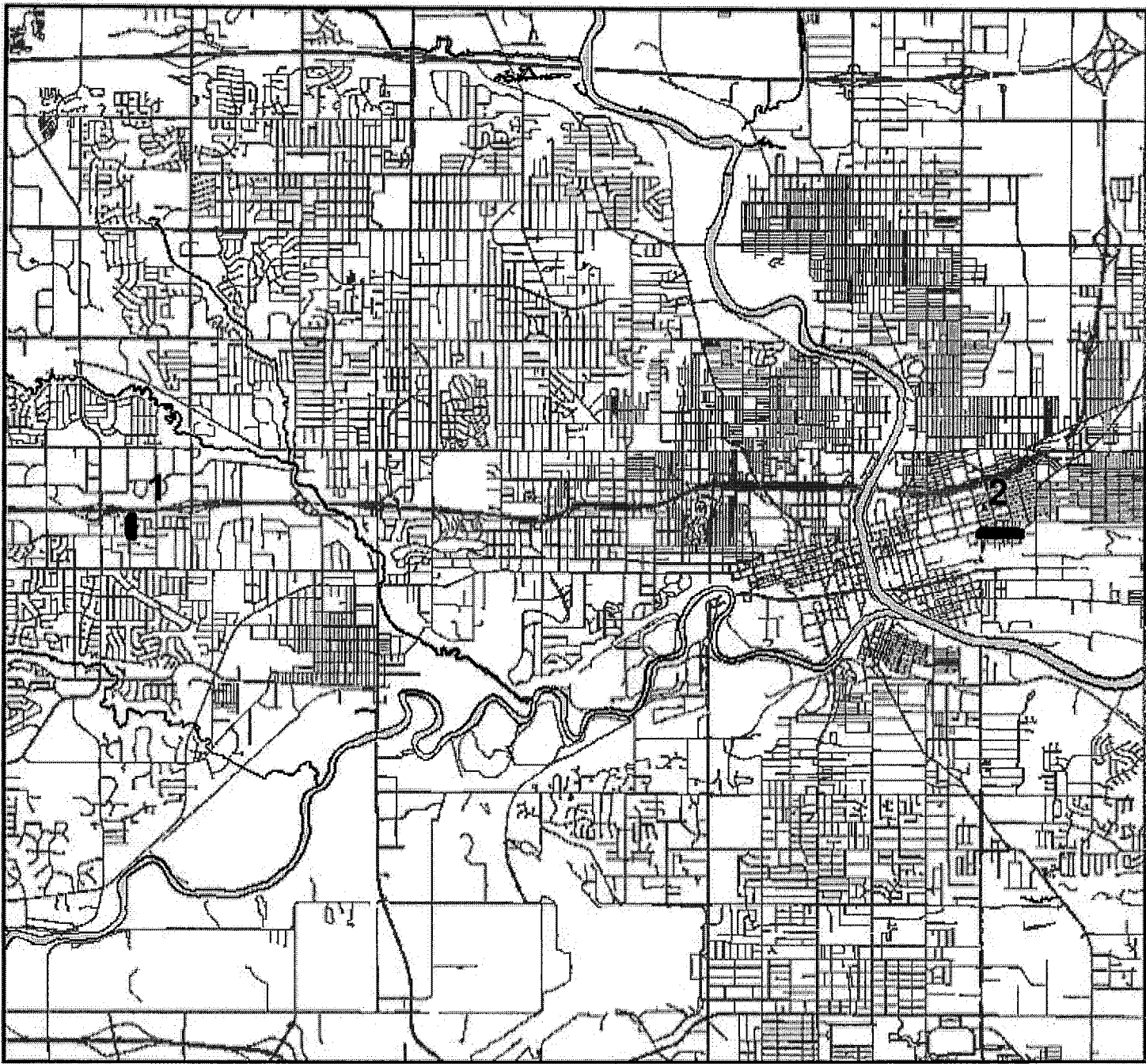
| COUNCIL ACTION | YEAS | NAYS     | Pass | ABSENT |
|----------------|------|----------|------|--------|
| COWNIE         |      |          |      |        |
| COLEMAN        |      |          |      |        |
| GATTO          |      |          |      |        |
| GRAY           |      |          |      |        |
| HENSLEY        |      |          |      |        |
| MOORE          |      |          |      |        |
| WESTERGAARD    |      |          |      |        |
| TOTAL          |      |          |      |        |
| MOTION CARRIED |      | APPROVED |      |        |
|                |      |          |      | Mayor  |

**CERTIFICATE**

I, DIANE RAUH, 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



**Legend**

— Project Locations



- 1. 31st St. - Woodland Ave to I-235
- 2. E. Court Ave. - E. 14th St. to Redhead Rd.

17A

## PROJECT SUMMARY

### 2015 Roadway Reconstruction Program

#### Activity ID 06-2015-008

On February 22, 2016, under Roll Call No. 16-0348, the Council awarded the contract for the above improvements to Grimes Asphalt and Paving Corporation, in the amount of \$1,048,914.40. Tabulated below is a history of project change orders.

| <b>Change Order No.</b>                              | <b>Initiated By</b> | <b>Description</b>  | <b>Amount</b>  |
|--|---------------------|---|----------------|
| 1  | Engineering         | 5/17/2016<br>Change 470 tons of HMA base to roller compacted concrete base on section of E. Court Avenue. | \$12,270.00    |
| 2  | Engineering         | 11/4/2016<br>Add an item for Hydro-seeding, Mulch and Fertilizer on E Court Ave instead of sod.           | \$6,863.92     |
| 3  | Engineering         | 6/13/2017<br>Adjust contract quantities to match as-built quantities.                                     | \$(84,547.50)  |
| 4  | Engineering         | 6/26/2017<br>Add a manhole adjustment.  | \$2,100.00     |
| <b>Original Contract Amount</b>                      |                     |   | \$1,048,914.40 |
| <b>Total Change Orders</b>                           |                     |   | \$(63,313.58)  |
| <b>Percent of Change Orders to Original Contract</b> |                     |   | (6.04)%        |
| <b>Total Contract Amount</b>                         |                     |   | \$985,600.82   |

17A

July 24, 2017



**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the 2015 Roadway Reconstruction Program, 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: \$985,600.82 As-Built Contract Cost

Funding Source: 2017-2018 CIP, Page Street - 30, Roadway Reconstruction, ST260, Being: \$500,000 G.O. Bonds; (Page Street – 24, Neighborhood Infrastructure Rehabilitation Program, ST205), \$100,000 Gaming funds for E. Court Avenue (Page Street – 39, Special City-wide Street Improvements ST217), and the remaining \$385,600.82 in Road Use Tax Funds for (Roadway Reconstruction, ST260)

**CERTIFICATION OF COMPLETION:**

On February 22, 2016, under Roll Call No. 16-0348, the City Council awarded a contract to Grimes Asphalt and Paving Corporation, Kurt Rasmussen, President, 5550 NE 22nd Street, Des Moines, IA 50313 for the construction of the following improvement:

2015 Roadway Reconstruction Program, 06-2015-008

The improvement includes reconstruction of E. Court Avenue from S.E. 14th Street to Redhead Road with new full-depth Hot Mix Asphalt (HMA) including new curb & gutter, resurfacing of 31st Street from Woodland Avenue to I-235 with full-depth patching and sidewalk reconstruction. These projects will include scarification/pavement removal, furnish and place HMA, pavement markings, sidewalk ramps, and miscellaneous associated work including cleanup; in accordance with the contract documents, including Plan File Nos. 571-115/164, at two locations: E. Court Avenue from S.E. 14th Street to Redhead Road and 31st Street from Woodland Avenue to I-235, Des Moines, Iowa

I hereby certify that the construction of said 2015 Roadway Reconstruction Program, Activity ID 06-2015-008, 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 April 12, 2016, and was completed on July 11, 2017.

17A

I further certify that \$985,600.82 is the total cost of said improvement, of which \$956,032.80 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 \$29,568.02 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.



Pamela S. Cooksey, P.E.  
Des Moines City Engineer

ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED  
FOR WORK DONE FROM 07/01/17 to 07/07/17  
FINAL PAYMENT (Partial Payment NO. 8)

PROJECT: 2015 Roadway Reconstruction Program  
CONTRACTOR: Grimes Asphalt & Paving

Activity ID: 06-2015-008  
Date: 07/07/17

| LINE NO. | DESCRIPTION                              | UNIT | UNITS     |            |                     | UNIT PRICE  | TOTAL AMOUNT |
|----------|--|------|-----------|------------|---------------------|-------------|--------------|
|          |  |      | ESTIMATED | AUTHORIZED | CONSTRUCTED TO DATE |             |              |
| 1        | TOPSOIL, OFF - SITE                      | CY   | 310.000   | 110.000    | 110.000             | \$80.00     | \$8,800.00   |
| 2        | SUBGRADE TREATMENT - GEOGRID             | SY   | 960.000   | 0.000      | 0.000               | \$6.00      | \$0.00       |
| 3        | INTAKE, TYPE SW-507                      | EACH | 1.000     | 1.000      | 1.000               | \$9,000.00  | \$9,000.00   |
| 4        | INTAKE, REMOVE                           | EACH | 1.000     | 1.000      | 1.000               | \$3,000.00  | \$3,000.00   |
| 5        | MANHOLE ADJUSTMENT, PCC DIAMOND          | EACH | 8.000     | 7.000      | 7.000               | \$2,100.00  | \$14,700.00  |
| 6        | CLEANING AND PREPARATION OF BASE         | MILE | 0.330     | 0.330      | 0.330               | \$8,000.00  | \$2,640.00   |
| 7        | CURB AND GUTTER, PCC                     | LF   | 4,827.000 | 4,883.900  | 4,883.900           | \$25.00     | \$122,097.50 |
| 8        | BEAM CURB, PCC                           | LF   | 145.000   | 139.900    | 139.900             | \$35.00     | \$4,896.50   |
| 9        | CONCRETE MEDIAN, 8 INCH                  | SY   | 32.000    | 43.940     | 43.940              | \$211.00    | \$9,271.34   |
| 10       | TRAFFIC SIGNAL POLES, FURNISH ONLY       | LS   | 1.000     | 1.000      | 1.000               | \$20,000.00 | \$20,000.00  |
| 11       | HMA (3M ESAL) BASE, 3/4" MIX             | TON  | 2,140.000 | 1,604.930  | 1,604.930           | \$101.00    | \$162,097.93 |
| 12       | HMA (3M ESAL) LEVELING, 1/2" MIX         | TON  | 210.000   | 0.000      | 0.000               | \$110.00    | \$0.00       |
| 13       | HMA (3M ESAL) SURFACE, 1/2" MIX, NO FRIC | TON  | 1,630.000 | 1,669.820  | 1,669.820           | \$110.00    | \$183,680.20 |
| 14       | REMOVAL OF SIDEWALK                      | SY   | 510.000   | 502.600    | 502.600             | \$18.00     | \$9,046.80   |
| 15       | REMOVAL OF DRIVEWAY                      | SY   | 273.000   | 273.000    | 273.000             | \$40.00     | \$10,920.00  |
| 16       | SIDEWALK, PCC, 4 INCH THICK              | SY   | 150.000   | 55.270     | 55.270              | \$88.00     | \$4,863.76   |
| 17       | SIDEWALK, PCC, 6 INCH THICK              | SY   | 490.000   | 585.330    | 585.330             | \$106.00    | \$62,044.98  |
| 18       | DETECTABLE WARNING                       | SF   | 468.000   | 282.000    | 282.000             | \$36.00     | \$10,152.00  |
| 19       | DRIVEWAY, PCC                            | SY   | 460.000   | 474.060    | 474.060             | \$90.00     | \$42,665.40  |
| 20       | FULL DEPTH PATCH, PCC                    | SY   | 30.000    | 115.150    | 115.150             | \$206.00    | \$23,720.90  |
| 21       | FULL DEPTH PATCH, HMA (3M ESAL)          | SY   | 350.000   | 334.720    | 334.720             | \$76.00     | \$25,438.72  |
| 22       | SUBBASE OVER-EXCAVATION                  | TON  | 400.000   | 167.580    | 167.580             | \$56.00     | \$9,384.48   |
| 23       | PAVEMENT SCARIFICATION                   | SY   | 7,740.000 | 7,740.000  | 7,740.000           | \$5.00      | \$38,700.00  |
| 24       | PAVEMENT REMOVAL                         | SY   | 6,270.000 | 6,360.150  | 6,360.150           | \$11.50     | \$73,141.73  |
| 25       | SOD                                      | SQ   | 325.000   | 15.850     | 15.850              | \$66.00     | \$1,046.10   |
| 26       | FILTER SOCK, 9 INCH DIA.                 | LF   | 500.000   | 168.000    | 168.000             | \$2.40      | \$403.20     |
| 27       | FILTER SOCK, REMOVAL                     | LF   | 500.000   | 168.000    | 168.000             | \$0.60      | \$100.80     |
| 28       | EROSION CONTROL MULCHING, HYDROMULCHING  | ACRE | 1.000     | 0.870      | 0.870               | \$2,100.00  | \$1,827.00   |
| 29       | EROSION CONTROL                          | LS   | 1.000     | 1.000      | 1.000               | \$2,100.00  | \$2,100.00   |
| 30       | CONCRETE STEPS, TYPE B                   | SF   | 46.000    | 46.000     | 46.000              | \$187.00    | \$8,602.00   |

174

| LINE NO.                                 | DESCRIPTION   | UNIT | UNITS        |            |                     | UNIT PRICE  | TOTAL AMOUNT |
|--|---|------|--------------|------------|---------------------|-------------|--------------|
|  |   |      | ESTIMATED    | AUTHORIZED | CONSTRUCTED TO DATE |             |              |
| 31                                       | HANDRAIL, BLACK STEEL PIPE                                | LF   | 16.000       | 16.000     | 16.000              | \$42.00     | \$672.00     |
| 32                                       | REMOVAL OF CONCRETE STEPS                                 | SF   | 46.000       | 46.000     | 46.000              | \$24.00     | \$1,104.00   |
| 33                                       | REMOVAL OF RAILROAD TRACK                                 | TLF  | 40.000       | 17.500     | 17.500              | \$72.00     | \$1,260.00   |
| 34                                       | MOBILIZATION  | LS   | 1.000        | 1.000      | 1.000               | \$9,000.00  | \$9,000.00   |
| 35                                       | PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED     | STA  | 35.800       | 40.960     | 40.960              | \$21.00     | \$860.16     |
| 36                                       | INLAY PAVEMENT MARKINGS, PROFILED MARKING TAPE            | STA  | 48.000       | 55.960     | 55.960              | \$425.00    | \$23,783.00  |
| 37                                       | PERMANENT PAVEMENT MARKINGS, PROFILED MARKING TAPE        | STA  | 9.200        | 7.720      | 7.720               | \$400.00    | \$3,088.00   |
| 38                                       | PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED  | EACH | 4.000        | 0.000      | 0.000               | \$132.00    | \$0.00       |
| 39                                       | INLAY PRE-CUT SYMBOLS AND LEGENDS, INTERSECTION MARKING T | EACH | 4.000        | 4.000      | 4.000               | \$500.00    | \$2,000.00   |
| 40                                       | GROOVES CUT FOR PAVEMENT MARKINGS                         | STA  | 9.200        | 7.720      | 7.720               | \$133.00    | \$1,026.76   |
| 41                                       | LOOP DECTECTOR REPLACEMENT, 6' X 20'                      | EACH | 2.000        | 0.000      | 0.000               | \$1,100.00  | \$0.00       |
| 42                                       | TRAFFIC CONTROL   | LS   | 1.000        | 1.000      | 1.000               | \$13,000.00 | \$13,000.00  |
| 43                                       | FLAGGERS, UNIFORMED POLICE OFFICER                        | DAY  | 14.000       | 4.000      | 4.000               | \$550.00    | \$2,200.00   |
| 44                                       | FLAGGERS, CERTIFIED                                       | EACH | 12.000       | 3.000      | 3.000               | \$435.00    | \$1,305.00   |
| 45                                       | PROJECT SIGN, SMALL                                       | EACH | 4.000        | 4.000      | 4.000               | \$72.00     | \$288.00     |
| 1.01                                     | ROLLER COMPACTED CONCRETE PAVEMENT                        | TON  |              | 425.970    | 425.970             | \$112.00    | \$47,708.64  |
| 1.02                                     | RCC MOB & SET-UP  | LS   |              | 1.000      | 1.000               | \$7,100.00  | \$7,100.00   |
| 2.01                                     | HYDROSEEDING, MULCH AND FERTILIZER                        | SF   |              | 40,376.000 | 40,376.000          | \$0.17      | \$6,863.92   |
| TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS |   |      | \$985,600.82 |            |                     |             |              |
| PARTIAL PAYMENT #1                       |   |      | \$203,794.57 |            |                     |             |              |
| PARTIAL PAYMENT #2                       |   |      | \$188,404.31 |            |                     |             |              |
| PARTIAL PAYMENT #3                       |   |      | \$315,087.80 |            |                     |             |              |
| PARTIAL PAYMENT #4                       |   |      | \$217,235.10 |            |                     |             |              |
| PARTIAL PAYMENT #5                       |   |      | \$19,763.48  |            |                     |             |              |
| PARTIAL PAYMENT #6                       |   |      | \$9,710.54   |            |                     |             |              |
| PARTIAL PAYMENT #7                       |   |      | \$2,037.00   |            |                     |             |              |
| THIS PARTIAL PAYMENT                     |   |      | \$0.00       |            |                     |             |              |
| TOTAL PARTIAL PAYMENTS                   |   |      | \$956,032.80 |            |                     |             |              |
| BALANCE                                  |   |      | \$29,568.02  |            |                     |             |              |

PREPARED BY: Matthew D. Bednar

CHECKED BY: Matthew D. Bednar

|                       |              |
|-----------------------|--------------|
| TOTAL                 | \$985,600.82 |
| RETAINAGE             | \$29,568.02  |
| TOTAL LESS RETAINAGE  | \$956,032.80 |
| LESS PREVIOUS PAYMENT | \$956,032.80 |
| AMOUNT DUE            | \$0.00       |

FINAL PAYMENT (Partial Payment NO. 8)

177A