F9a

# City of Hiawatha

## Engineering Department

**101 Emmons St., Hiawatha Iowa, 52233-1697**
**PHONE (319) 393-1515 ext. 511 FAX (319) 393-1516**

**To:** **Mayor and City Council** **Date:** **November 10, 2016**

**From: John Bender PE, City Engineer**

**Re:** **Emmons Street/North Center Point Road/Robins Intersection Phase II Paving Package**

**Description:** **Approval of Pay Application No. 2**

**Report:**

See attached partial payment No.2 to Rathje Construction from Marion for the Emmons Street/North Center Point Road/Robins Intersection Phase II Paving Package. This payment is for work completed through October 31st and shows the contractor has completed the west side of North Center Point Road and just started work on the east side. The goal is to have this section of North Center Point Road completed and open to traffic to south of Fisher Street before winter shut down.

**Recommendation**:

Engineering recommends approval of Partial Payment No. 2 to Rathje Construction in the amount of $_$188,443.47__.

If you need any further information, please let me know.

# APPLICATION FOR PAYMENT
## APPLICATION NO. 02

**Project:** EMMONS STREET / NORTH CENTER POINT ROAD / ROBINS ROAD INTERSECTION IMPROVEMENTS, PHASE 2 - ROADWAY PACKAGE
HIAWATHA, LINN COUNTY , IOWA

**Contractor:** RATHJE CONSTRUCTION
305 4th Street
Marion, IA 52302

**Owner:** City of Hiawatha, Iowa

**Original Contract Amount:** $2,813,734.76

**Revised Contract Amount:** $2,813,734.76

**Date:** November 8, 2016

**The Contractor noted above, in accordance with the provisions of the contract documents, hereby requests approval of this application for payment on the following estimates of contract work completed:**

| | | |
|---|---|---|
| **Original Contract Work Completed** | | $ 236,718.29 |
| **Materials Stored On Site** | | $ - |

**Change Orders:**

| Change Order No. | Date Approved | Amount |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| **Total Change In Contract Amount from Change Orders** | | $ - |

| | | |
|---|---|---|
| **Total Change Order Work Completed** | | $ - |
| **Total Complete and Stored to Date** | | $ 236,718.29 |
| **Retainage** | 5% | $ 11,835.91 |
| **Total Complete and Stored to Date Less Retainage** | | $ 224,882.38 |
| **Less Previous Payments** | | $ 36,438.90 |
| **Current Payment Due** | | $ 188,443.47 |

Distribution: Owner _____ Engineer _____ Contractor _____ Other _____

**CONTRACTOR'S CERTIFICATION:**

The undersigned Contractor certifies, to the best of the Contractor's knowledge, that the above information and estimated values of completed work covered on this Application for Payment have been completed in accordance with the provisions of the Contract Documents, that all amounts have been paid by the Contractor for work for which previous Applications for Payment have been made and payments received from the Owner, and that the current payment billing requested is now due.

Contractor's Authorized Representative:

By: Jan Coonrod Date: 11-9-2016

**ENGINEER'S/ARCHITECT'S RECOMMENDATION:**

In accordance with the provisions of the Contract Documents and based on the Engineer's/Architect's on-site observations of the work included in this Application for Payment and based on the Engineer's/Architect's review of this Application for Payment including the accompanying supporting data, and to the best of the Engineer's knowledge, information and belief, the work included in this Application for Payment is completed substantially in conformance with the Contract Documents and payment by the Owner is hereby recommended.

Engineer's/Architect's Authorized Representative:

By: _____ Date: _____

**CITY OF HIAWATHA PAYMENT RECOMMENDATION:**

Payment to the Contractor is hereby recommended based on the Application for Payment submitted by the Contractor and the Engineer's/Architect's recommendation.

City of Hiawatha Authorized Representative:

By: _____ Date: _____

**ATTACHMENTS REQUIRED:**

1. Line Item Schedule of Contract Values Summary, Amounts Completed This Period, and Amounts Completed To Date. Recommend use of AIA Document G703.
2. Line Item Schedule of Contract Materials Stored and Values (if applicable).

**ACCOUNTING USE ONLY:**

_____-_____-_____ $_____
_____-_____-_____ $_____
_____-_____-_____ $_____
_____-_____-_____ $_____
_____-_____-_____ $_____
_____-_____-_____ $_____

# APPLICATION FOR PAYMENT
## APPLICATION NO. 2

Project: EMMONS STREET / NORTH CENTER POINT ROAD / ROBINS ROAD INTERSECTION INTERSECTION IMPROVEMENTS, PHASE 2 - ROADWAY PACKAGE
HIAWATHA, LINN COUNTY, IOWA
Contractor: Rathje Construction
Engineer: Shive Hattery INC
Revised Contract Amount: $2,813,734.75
Date: October 3, 2016

| Item | Item Description | Units | Bid Quantities | Bid Prices | | Pay Application #1 through August 2016 | | This Period - September & October 2016 | | To Date | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Unit Price | Total | Quantity | Amount | Quantity | Amount | Quantity | Amount | % Complete |
| 1 | MOBILIZATION | LS | 1.00 | $243,000.00 | $243,000.00 | 0.05 | $12,150.00 | [illegible] | $12,150.00 | 0.10 | $24,300.00 | 10.00% |
| 2 | CONSTRUCTION SURVEY | LS | 1.00 | $19,550.00 | $19,550.00 | 0.05 | $977.50 | [illegible] | $977.50 | 0.10 | $1,955.00 | 10.00% |
| 3 | TRENCH COMPACTION TESTING | LS | 1.00 | $1,200.00 | $1,200.00 | 0.00 | $0.00 | [illegible] | $120.00 | 0.10 | $120.00 | 10.00% |
| 4 | SUBGRADE AND SUBBASE COMPACTION TESTING | LS | 1.00 | $2,850.00 | $2,850.00 | 0.00 | $0.00 | [illegible] | $285.00 | 0.10 | $285.00 | 10.00% |
| 5 | CONCRETE MATURITY TESTING FOR PCC PAVEMENT | LS | 1.00 | $1,100.00 | $1,100.00 | 0.00 | $0.00 | [illegible] | $110.00 | 0.10 | $110.00 | 10.00% |
| 6 | TRAFFIC CONTROL | LS | 1.00 | $19,750.00 | $19,750.00 | 0.10 | $1,975.00 | [illegible] | $3,950.00 | 0.30 | $5,925.00 | 30.00% |
| 7 | TEMPORARY PAVEMENT MARKINGS AND SYMBOLS | LS | 1.00 | $9,500.00 | $9,500.00 | 0.10 | $950.00 | [illegible] | $950.00 | 0.20 | $1,900.00 | 20.00% |
| 8 | TEMPORARY ROADWAY SURFACES | SY | 1,894.00 | $41.50 | $78,586.00 | 331.78 | $13,768.67 | [illegible] | $19,368.81 | 798.45 | $33,135.68 | 42.38% |
| 9 | FILTER SOCKS | LF | 2,566.00 | $2.50 | $6,415.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 10 | FILTER SOCKS AT STORM SEWER STRUCTURES | EA | 32.00 | $100.00 | $3,200.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 11 | CLEARING AND GRUBBING | LS | 1.00 | $4,200.00 | $4,200.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 12 | REMOVAL OF EXIST.PAVT. & CURB AND GUTTER | SY | 15,697.00 | $7.40 | $116,157.80 | 772.33 | $5,715.24 | [illegible] | $14,412.76 | 2,720.00 | $20,128.00 | 17.33% |
| 13 | REMOVAL OF EXISTING SIDEWALK | SY | 1,692.00 | $8.50 | $14,382.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 14 | REMOVAL OF EXISTING RETAINING WALL | LF | 92.00 | $14.00 | $1,288.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 15 | REMOVAL OF EXIST. STORM SEWERS STRUCTURES | EA | 18.00 | $250.00 | $4,500.00 | 0.00 | $0.00 | [illegible] | $250.00 | 1.00 | $250.00 | 5.56% |
| 16 | REMOVAL OF STORM SEWER AND CULVERT PIPE | LF | 1,389.00 | $10.00 | $13,890.00 | 0.00 | $0.00 | [illegible] | $930.00 | 93.00 | $930.00 | 6.70% |
| 17 | REMOVAL OF SANITARY SEWER STRUCTURES | EA | 1.00 | $450.00 | $450.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 18 | REMOVAL OF SANITARY SEWER PIPE | LF | 411.00 | $10.00 | $4,110.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 19 | REMOVAL OF EXISTING WATER MAIN | LF | 625.00 | $10.00 | $6,250.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 20 | REMOVAL OF EXISTING PAVEMENT MARKINGS | LS | 1.00 | $3,800.00 | $3,800.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 21 | REMOVAL OF TRAFFIC CONTROL SIGNS | EA | 20.00 | $65.00 | $1,300.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 22 | REMOVAL OF TRAFFIC SIGNAL | LS | 1.00 | $3,000.00 | $3,000.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 23 | UNCLASSIFIED EXCAVATION AND EMBANKMENT | CY | 4,288.00 | $15.75 | $67,584.50 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 24 | STRIP AND RESPREAD TOPSOIL | CY | 525.00 | $33.00 | $17,325.00 | 0.00 | $0.00 | [illegible] | $10,643.38 | 675.77 | $10,643.38 | 15.77% |
| 25 | SUBGRADE STABILIZATION WITH CRUSHED ROCK M. | CY | 750.00 | $42.50 | $31,875.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 26 | GEOGRID | SY | 13,148.00 | $1.50 | $19,722.00 | 0.00 | $0.00 | [illegible] | $1,912.50 | 45.00 | $1,912.50 | 6.00% |
| 27 | MODIFIED SUBBASE, 8" | SY | 13,148.00 | $8.50 | $111,758.00 | 0.00 | $0.00 | [illegible] | $2,443.11 | 1,828.74 | $2,443.11 | 12.39% |
| 28 | MODIFIED SUBBASE, 6" | SY | 2,147.00 | $8.50 | $18,249.50 | 331.78 | $2,820.13 | [illegible] | $15,360.10 | 1,810.60 | $15,360.10 | 13.77% |
| 29 | MODIFIED SUBBASE, 4" | SY | 2,170.00 | $5.75 | $12,512.00 | 0.00 | $0.00 | [illegible] | $0.00 | 331.78 | $2,820.13 | 15.45% |
| 30 | STORM SEWER, HDPE, 12" | LF | 132.00 | $27.75 | $3,663.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 31 | STORM SEWER, RCP, 15" | LF | 1,163.00 | $56.75 | $66,418.75 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 32 | STORM SEWER, RCP, 18" | LF | 410.00 | $49.00 | $20,090.00 | 0.00 | $0.00 | [illegible] | $21,515.63 | 382.50 | $21,515.63 | 32.89% |
| 33 | STORM SEWER, RCP, 24" | LF | 271.00 | $75.00 | $20,325.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 34 | STORM SEWER, RCP, 30" | LF | 78.00 | $90.00 | $6,750.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 35 | SUBDRAIN, 6" | LF | 3,369.00 | $13.00 | $43,797.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 36 | SUBDRAIN CLEANOUT | EA | 9.00 | $1,125.00 | $10,125.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 37 | STORM SEWER MANHOLES, SW-401, 48" | EA | 4.00 | $2,125.00 | $8,500.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 38 | STORM SEWER MANHOLES, SW-401, 60" | EA | 2.00 | $3,100.00 | $6,200.00 | 0.00 | $0.00 | [illegible] | $2,125.00 | 1.00 | $2,125.00 | 25.00% |
| 39 | STORM SEWER MANHOLES, SW-401, 84" | EA | 1.00 | $4,675.00 | $4,675.00 | 0.00 | $0.00 | [illegible] | $3,100.00 | 1.00 | $3,100.00 | 50.00% |
| 40 | SRTORM SEWER INTAKE, SW-501 | EA | 1.00 | $2,375.00 | $2,375.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 41 | STORM SEWER INTAKE, SW-505 | EA | 1.00 | $3,500.00 | $3,500.00 | 0.00 | $0.00 | [illegible] | $2,375.00 | 1.00 | $2,375.00 | 100.00% |
| 42 | STORM SEWER INTAKE, SW-506 | EA | 7.00 | $3,000.00 | $21,000.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 43 | STORM SEWER INTAKE, SW-510 | EA | 3.00 | $3,700.00 | $11,100.00 | 0.00 | $0.00 | [illegible] | $3,000.00 | 1.00 | $3,000.00 | 14.29% |
| 44 | STORM SEWER INTAKE, SW-512 | EA | 1.00 | $1,100.00 | $1,100.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 45 | STORM SEWER INTAKE, SW-541 | EA | 1.00 | $4,900.00 | $4,900.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 46 | CONNECTION TO STORM SEWER STRUCTURES | EA | 4.00 | $500.00 | $2,000.00 | 0.00 | $0.00 | [illegible] | $4,900.00 | 1.00 | $4,900.00 | 100.00% |
| 47 | ADJUSTMENT OF EXISTING STRUCTURES | EA | 8.00 | $225.00 | $1,350.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 48 | VALVE BOX ADJUSTMENT | EA | 23.00 | $225.00 | $5,175.00 | 0.00 | $0.00 | [illegible] | $225.00 | 1.00 | $225.00 | 15.67% |
| 49 | PCC PAVEMENT, CLASS C, 7" | SY | 418.00 | $47.45 | $19,834.10 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 50 | PCC PAVEMENT, CLASS C,9" | SY | 4,850.00 | $43.04 | $208,744.00 | 0.00 | $0.00 | [illegible] | $18,012.02 | 378.80 | $18,012.02 | 80.81% |
| 51 | PCC PAVEMENT, CLASS C, 9" | SY | 5,928.00 | $48.40 | $286,915.20 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 52 | PCC DRIVEWAY, CLASS M, 6" | SY | 1,752.00 | $34.97 | $61,287.44 | 0.00 | $0.00 | [illegible] | $53,066.26 | 1,086.39 | $53,066.26 | 18.50% |
| 53 | PCC SIDEWALK, 4" | SY | 994.00 | $33.00 | $32,802.00 | 0.00 | $0.00 | [illegible] | $1,188.88 | 34.00 | $1,188.88 | 1.94% |
| 54 | PCC TRAIL 6" | SY | 2,175.00 | $35.75 | $77,792.00 | 0.00 | $0.00 | [illegible] | $273.90 | 8.30 | $273.90 | 0.84% |
| 55 | PCC SIDEWALK RAMP | SY | 32.00 | $54.66 | $1,748.12 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 56 | COLORED CROSSWALK PAVEMENT, CLASS C,9" | SY | 771.00 | $98.00 | $26,664.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 57 | COLORED SIDEWALK PAVEMENT, 6" | SY | 501.00 | $75.00 | $37,575.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 58 | COLORED INTERSECTION PAVEMENT, CLASS C, 9" | SY | 887.00 | $110.00 | $75,570.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 59 | HMA DRIVEWAY, 6" | SY | 343.00 | $48.00 | $16,464.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 60 | PAVEMENT MARKINGS, PAINTED | STA. | 128.00 | $60.00 | $7,680.00 | 0.00 | $0.00 | [illegible] | $4,669.60 | 87.70 | $4,669.60 | 28.46% |
| 61 | PAVEMENT SYMBOLS, PAINTED | EA | 23.00 | $80.00 | $1,840.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 62 | HYDROSEEDING WITH LIQUID MULCH BINDER | SY | 6,256.00 | $1.00 | $6,256.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 63 | IMPORTED TOPSOIL | CY | 800.00 | $48.20 | $38,560.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 64 | SODDING | SY | 4,333.00 | $7.00 | $30,331.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 65 | ROCK MULCH | SY | 922.00 | $9.00 | $8,298.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 66 | TREE PLANTING, PER PLANS | EA | 41.00 | $450.00 | $18,450.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 67 | SHRUB & GRASS PLANTING, PER PLANS | EA | 1,539.00 | $15.15 | $23,315.85 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 68 | LANDSCAPE IRRIGATION | LS | 1.00 | $64,400.00 | $64,400.00 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 69 | LIGHTED BOLLARD | EA | 18.00 | $567.10 | $9,073.80 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 70 | STREET LIGHTING SYSTEM | LS | 1.00 | $413,586.60 | $413,586.60 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 71 | TRAFFIC SIGNAL, PER PLAN | LS | 1.00 | $267,356.10 | $267,356.10 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| 72 | PAVER EDGING | LF | 362.00 | $5.60 | $2,027.20 | 0.00 | $0.00 | [illegible] | $0.00 | 0.00 | $0.00 | 0.00% |
| | COMPUTED TOTAL BID (ITEMS 1 THROUGH 72) = | | | | $2,813,734.75 | | $38,356.74 | | $198,361.55 | | $236,718.29 | 8.41% |

MATERIALS STORED ON SITE

| ITEM | DESCRIPTION | UNITS | QUANTITY | | | PRICE PER UNIT | TOTAL |
|---|---|---|---|---|---|---|---|
| | NONE | | | | | | NONE |
| | | | | | TOTAL MATERIALS STORED ON SITE | | $0.00 |

CHANGE ORDERS

| NO. | Description | Unit | Total Quantity | Unit Price | Total | | | This Period Quantity | This Period Amount | To Date Quantity | To Date Amount | % Complete |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NONE | | | | | | | | | 1 | | |
| | | | | | | | | | | 1 | | |
| | | | | | | | | | | 1 | | |
| | | | | | | | | | | 1 | | |
| | | | | | $0.00 | | | [illegible] | | 0.00 | | #DIV/0! |
| | CHANGE ORDER NO. | | TOTALS | | $0.00 | | | | $0.00 | | $0.00 | #DIV/0! |

| | | | |
|---|---|---|---|
| REVISED CONTRACT TOTAL AFTER ALL C.O. (IF ANY) | $2,813,734.75 | | |
| | | $236,718.29 | ORIGINAL CONTRACT WORK COMPLETED |
| | | $0.00 | MATERIALS STORED ON SITE |
| | | $0.00 | TOTAL CHANGE ORDER WORK COMPLETED |
| | 5.00% | $236,718.29 | TOTAL |
| | | $11,835.91 | RETAINAGE |
| | | $224,882.38 | TOTAL LESS RETAINAGE |
| | | $36,438.90 | LESS PREVIOUS PAYMENTS |
| | | $188,443.47 | CURRENT PAYMENT DUE |

**DRAFT**

**RESOLUTION NO. 16-**
City Council

**RESOLUTION APPROVING PARTIAL PAY ESTIMATE #2**
2016-2017 Emmons Street/North Center Point Road/Robins Road Intersection
Improvements Phase 2 Roadway Package Project
(Project #2151330)

WHEREAS, the City Council of the City of Hiawatha, Iowa, has contracted for the 2016-2017 Emmons Street/North Center Point Road/Robins Road Intersection Improvements Phase 2 Roadway Package Project with Rathje Construction Co., of Marion, Iowa, and

WHEREAS, application for Partial Pay Estimate #2 (two) in the amount of $188,443.47 has been received in the Clerk's Office, and

WHEREAS, the City of Hiawatha has received recommendation from the City Engineer to make payment, and

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA to approve application for Partial Pay Estimate #2 for the 2016-2017 Emmons Street/North Center Point Road/Robins Road Intersection Improvements Phase 2 Roadway Package Project, and direct City Clerk to make payment to Rathje Construction Co., of Marion, Iowa, in the amount of $188,443.47.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 16th day of November, 2016.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk