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**Public Works**

**City Transit**  
**263-8152**

**MEMORANDUM**

**Equipment Maintenance**  
**Roadway Maintenance**  
**Collection & Drainage**  
**Building & Grounds**  
**Engineering**

To: Randy Hill, Public Works Director  
FROM: Jon Lutz, City Engineer  
DATE: October 10, 2012  
RE: Harrison Street Extension Project – Accept completed work

**INTRODUCTION:**

Construction plans and specifications for the Harrison Street Extension Project were prepared by Martin & Whitacre Surveyors & Engineers, Inc. The project was bid on May 14, 2012. The City of Muscatine entered into an agreement with Heuer Construction Co. in the amount of \$510,999.30 for construction of Harrison Street from Park Ave to Bandag Drive on June 7, 2012. Construction began on June 18, 2012. All work has been completed and the project is ready to close out ahead of the November 1, 2012 completion date.

**BACKGROUND:**

This street project was undertaken to provide the following:

1. Traffic access to Bandag Drive.
2. Provide local infill opportunities with legal frontage.
3. Provide Colorado School drop off location with legal access.
4. Control drainage affecting Colorado School and downstream properties.
5. Provide a detour route during Colorado Street Reconstruction.

Two change orders were necessary to complete the project.

Change order 1 totaling \$65,400.00 included all paving, sidewalk, fence reconstruction, seeding clearing and grading necessary for construction of the Colorado School drop off area. The School and City representatives cooperated to obtain a functional drop off area for the first day of school in August. After initial adjustment to new conditions, the drop off area operates in a safe and organized manner. The School district will reimburse the city for change order 1.

Change order 2 addressed items encountered during construction that could not be accounted for using existing pay items. Such items included new curb and gutter, additional depth on asphalt milling, manhole adjustments, non-slipform 8" concrete pavement, and manhole boxouts in the

asphalt area. Change order 2 totaled \$81,707.78 but did not account for reduction in existing bid items.

Remaining bid item adjustments of -\$37,259.37 brings the total contract amount to \$620,847.72. Subtracting \$65,400 to be reimbursed by the School District yields a net construction cost of \$555,447.72. The contractor has been paid \$582,044.39 for pay applications 1 through 7.

The city inspector and sewer department have examined the work and verified all punch list items have been corrected.

#### **RECOMMENDATION/RATIONALE:**

It is the City Engineer's recommendation to accept the completed improvements and issue final payment of \$7,760.00 with payment of 5% retainage in the amount of \$31,042.39 after 30 days.

#### **BACKUP INFORMATION:**

1. Pay Application 8

***RESOLUTION NO.*** \_\_\_\_\_

**RESOLUTION ACCEPTING COMPLETED WORK PERFORMED UNDER  
HARRISON STREET EXTENSION PROJECT  
AND AUTHORIZING FINAL PAYMENT**

WHEREAS, the City of Muscatine approved the Plans, Specifications, and Form of Contract for the Harrison Street Extension Project; and

WHEREAS, the City of Muscatine entered into a contract for said project with Heuer Construction Co. for \$510,999.30 with two change orders, for a total contract amount of \$620,847.72; and

WHEREAS, all work under the contract has been completed by Heuer Construction Co. and approved and accepted by the City Engineer and appears to meet the requirements of the Plans and Specifications heretofore adopted by this Council, as evidenced by the Project Engineer's Certificate; and

WHEREAS, the amount of \$582,044.39 has been previously paid to Heuer Construction Co. and a balance of \$38,803.33 including 5% retainage remains due and payable;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MUSCATINE, that the City of Muscatine make immediate payment of \$7,760.94 to Heuer Construction Co. for completed and accepted work under the Harrison Street Extension Project thereafter make an additional payment of \$31,042.39 which represents the 5% retainage thirty (30) days from the date of this acceptance.

PASSED, APPROVED, ADOPTED THIS 18<sup>th</sup> DAY OF OCTOBER, 2012.

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

BY: \_\_\_\_\_  
DeWayne M. Hopkins, Mayor

ATTEST:

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Gregg Mandsager, City Clerk