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## MEMORANDUM

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**TO:** RANDY HILL  
**FROM:** JIM HARDER  
**SUBJECT:** 2009/2010 STREET IMPROVEMENTS PROJECT ACCEPTANCE  
**DATE:** NOVEMBER 29, 2010

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In 2009 the Muscatine City Council authorized the final phase of a three year Street Improvement Program. This project work is complete and approved. On April 2, 2009 the City of Muscatine entered into a contract with Illowa Investments, Inc. of Blue Grass Iowa for the 2009 Street Improvements project. Contract price for this project was \$2,557,601.61 based on the original bid documents of the estimated work. This program was divided into three distinct categories: City Streets (Estimate = \$1,830,134.05); Greenwood Cemetery Roads (Estimate = \$402,065.62); and Downtown TIF District Streets, Alleys and Parking Lots (Estimate = \$544,912.65). Illowa's final amount was \$2,903,688.41 (explanation below).

### City Streets

The original estimate for this work was \$1,830,134.05; the final cost was \$1,889,041.75. The city street work is somewhat fluid because of unexpected issues after milling or other streets not on the list unexpectedly deteriorating, the list was modified. As work progressed the goal was to address as many areas as possible yet not spend over the \$2,000,000 authorized by the City Council for this portion of the project. Additional city street projects completed that were not included in the initial contract were:

- Cedar – from Houser to ByPass
- Newell Avenue – from Logan to Lucas
- Greenwood Drive
- Airport Improvement
- Mad Creek Levee Project
- Trail from Clermont to Baton Rouge

### Greenwood Cemetery Roads

The original estimate for this work was \$402,065.62; the final cost was \$609,466.26. The cemetery work turned out to be very challenging. Numerous unusual problems were encountered creating massive soft spots. Everything from road bases, once milled, just turning into quagmires for no understandable reason, to discovering leaking water lines once exposed to milling. The leaking water lines had saturated hundreds of feet of sub-base.

### Downtown TIF District

The original estimate for this work was \$544,912.65; the final cost was \$405,180.40. Some of the parking lot work was similar to the cemetery but on a much smaller scale. Much of the Sycamore Lot base had to be redone. The Alley work was much cheaper and easier than expected and with many fewer manholes needing adjustment.

### 2009/2010 Street Improvement Summary

	<u>Estimated</u>	<u>Actual</u>
City Streets	\$1,830,134.05	\$1,889,041.75 (\$2,000,000 Authorized)
Greenwood Cemetery	\$402,065.62	\$609,466.26
Downtown TIF	\$544,912.65	\$405,180.40

### Other Non-Related Illowa Work

(Some of which were charged unnecessary retainage)

Bidwell Rd. = \$124,048.32 (\$5,923.42 retainage)

Dick Drake Way R/R = \$13,627.00

Weed Park = \$26,031.35

Orange St. Sewer = \$3,281.89

Mad Creek Sewer = \$1,532.70 (\$76.64 retainage)

Sewer Department Manholes = \$32,860.00 (\$527.00 retainage)

Clay Street Bridge = \$6,036.88 (\$301.84 retainage)

Curb & Gutter = \$207.54 (\$10.38)

The Contract for the Street Improvement Program required a 5% retainage be held until the work is completed and approved. Because Illowa did some other non-related City roadway work but billed it on the same invoices as the Street Improvement Program, some of the non-related work was charged an unnecessary retainage, but not charged to the Street Improvement Program account. The non-related work is also complete and approved and Illowa is requesting payment of the \$6,839.28 retainage under this same request. Retainage will be processed as normal which will be 30 days after the Resolution Accepting Completed Work is signed by Council.

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

**RESOLUTION ACCEPTING COMPLETED WORK FOR THE  
2009 STREET IMPROVEMENTS PROJECT  
AND AUTHORIZING FINAL PAYMENT**

WHEREAS, the City of Muscatine approved the Plans, Specifications, and Form of Contract for the 2009 Street Improvements Project; and

WHEREAS, the City of Muscatine entered into a contract for said project with Illowa Investment, Inc. for \$2,557,601.61 with additional change orders, for a total contract amount of \$3,111,314.09; and

WHEREAS, all work under the contract has been completed by Illowa Investment, Inc. and approved and accepted by the City of Muscatine Public Works Department and appears to meet the requirements of the Plans and Specifications heretofore adopted by this Council; and

WHEREAS, the amount of \$2,946,010.35 has been previously paid to Illowa Investment, Inc. and a balance of \$165,303.74 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 \$19,324.97 to Illowa Investment, Inc. for completed and accepted work under the 2009 Street Improvements Project thereafter make an additional payment of \$145,978.77 which represents the 5% retainage thirty (30) days from the date of this acceptance.

PASSED, APPROVED, ADOPTED THIS 2<sup>nd</sup> DAY OF DECEMBER, 2010.

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

BY: \_\_\_\_\_  
Richard W. O'Brien, Mayor

ATTEST:

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Gregg Mandsager, City Administrator

10-Nov	Invoice #7522	\$ 26,010.00	\$ 1,300.50	\$ 24,709.50
19-Nov	Invoice #7536	\$ 20,342.08	\$ 1,017.11	\$ 19,324.97

\$ 3,219,322.64	\$ 145,978.78	\$ 3,073,343.86
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