



# Council Communication

Office of the City Manager

Date

July 27, 2009

Agenda Item No. 6C  
Roll Call No. 09-  
Communication No. 09-533  
Submitted by: **Jeb E. Brewer, P.E.,**  
City Engineer

## AGENDA HEADING:

Ordering construction of the following: 2009 Expanded Street Resurfacing Program - Contract 3 - Receiving bids, (8-11-09), and Setting date of hearing, (8-24-09). (Construction Estimate - \$128,720).

## SYNOPSIS:

Recommend the City Council proceed with construction of this improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. This program provides for full depth patching, scarification of existing streets and Warm Mix Asphalt (WMA) overlay on two streets. The program addresses citizen concerns regarding the condition of city streets by rehabilitating deteriorating surfaces.

The project is a demonstration project for the emerging, environment-enhancing, WMA technology. WMA utilizes additives or processes that reduce the temperatures required for plant production over conventional Hot Mix Asphalt (HMA), and subsequently also reduces the temperatures for placement, and compaction of the asphalt paving materials. WMA has many potential benefits over conventional HMA including reduced fuel consumption, reduced plant emissions, improved worker health and safety, recycled asphalt pavement usage, increased haul distances, extended pavement life, and related cost reductions. City engineering staff has evaluated recent Polk County WMA projects and anticipates overlay quality and performance similar to conventional HMA.

## FISCAL IMPACT:

Amount: \$128,720 City Engineer's Estimate

Funding Source: 2009-2010, Page Street-42, Special City-wide Street Improvements, STR217, being: Gaming monies from the agreement with Polk County and The Racing Association of Central Iowa

## ADDITIONAL INFORMATION:

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the 2009 Expanded Street Resurfacing Program - Contract 3,

06-2009-021. The improvement includes scarification of existing asphalt streets, furnish and place Warm Mix Asphalt (WMA), and other incidental items in accordance with the contract documents, including Plan File Nos. 506-145/149 at the following locations in Des Moines, Iowa:

- Carrie Avenue from S.W. 12th Street to S.W. 14th Street
- Watrous Avenue from Dead End East of S.W. 28th Street to S.W. 30th Street.

The estimated construction cost is \$128,720. The proposed plans, specifications, and form of contract documents are available for public inspection in the City Engineer's Office.

**PREVIOUS COUNCIL ACTION(S): NONE**

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Anticipated actions include public hearing, receive and file bids, designate lowest bidder, and approve contract and bond; also partial payments to the contractor and final acceptance of work.

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the second floor of City Hall, 400 Robert D. Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to [cityclerk@dmgov.org](mailto:cityclerk@dmgov.org).