



Council
Communication
Office of the City Manager

Date July 9, 2007

Agenda Item No. 7
Roll Call No. 07-
Communication No. 07-396
Submitted by: **Jeb E. Brewer, P.E.**
City Engineer

AGENDA HEADING:

Approving and authorizing the execution of Iowa Department of Transportation Agreement for Traffic Safety Improvements on Hickman Road from 30th Street to Merle Hay Road.

SYNOPSIS:

Approval of Iowa Department of Transportation (IDOT) Agreement No. 2008-TS-006 for Traffic Safety Improvement Program project funding for Traffic Safety Improvements on Hickman Road from 30th Street to Merle Hay Road. IDOT funds in the amount of \$240,000 are available for the construction costs. A portion (\$170,000) of these funds will be used for the construction of new traffic signals at 48th and Hickman, and the replacement of the mid-block pedestrian signals on Hickman Road near 56th Street and near 44th Street. The City's portion of the signal project, including the design, inspection, and construction administration costs, is estimated to be \$25,000. The remaining \$70,000 of these funds will be used toward durable pavement markings as part of the Hickman Road Resurfacing Project.

FISCAL IMPACT:

Amount: \$265,000

Funding Source: Various funding sources as follows:

- \$240,000 Iowa DOT Traffic Safety Improvement Funds
- \$25,000 - 2007-08 CIP, Page Traffic Control-5, City-Wide Signals, Channelization, and School Crossing Protection Program, TFC091

ADDITIONAL INFORMATION:

In July of 2006, City Council authorized that an application be submitted to the IDOT for Hickman Road Restriping – 30th Street to Merle Hay Road, including a traffic signal at 48th Street and Hickman Road. The IDOT has approved \$240,000 for this project. \$170,000 of these funds will be used for the construction of new traffic signals at the intersection of 48th Street and Hickman Road, along with replacement of the mid-block pedestrian signals on Hickman Road near 56th Street and near 44th Street. The remaining costs, including the design, inspection, and construction administration, are to be funded by the City. The total City cost for the traffic signals is estimated to be \$25,000.

The remaining \$70,000 of these funds will be used toward the durable pavement markings included in the current Hickman Road Resurfacing Project. On May 7, 2007, under Roll Call No. 07-915, City Council awarded a contract to Des Moines Asphalt & Paving in the amount of \$1,293,958.90 for Hickman Road Resurfacing – 30th Street to Merle Hay Road. Included in the funding for the resurfacing project was \$70,000 in anticipated Traffic Safety Improvement Program funds from this agreement.

The traffic signal portion of this project will provide new traffic signals at the intersection of 48th Street and Hickman Road, including fiber optic interconnects east along Hickman Road to Beaver Avenue. This traffic signal, along with the two mid-block signal replacements, will involve new signal poles that will be installed outside the 10-foot clear zone. New mast arms with overhead signals and back plates will be installed. Construction of the traffic signal improvements will occur in 2008.

PREVIOUS COUNCIL ACTION(S):

Date: July 24, 2006

Roll Call Number: [06-1472](#)

Action: Approving Traffic Safety Fund Applications to the Iowa Department of Transportation for various projects, including Hickman Road Restriping between 30th Street and Merle Hay Road, including traffic signals at 48th Street and Hickman Road. ([Council Communication No. 06-464](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: November 21, 2005

Roll Call Number: 05-2758

Action: Approving implementation of the Hickman Road Traffic Study recommendations. ([Council Communication No. 05-662](#)) Moved by Vlassis to adopt. Motion Carried 7-0.

Date: May 7, 2007

Roll Call Number: 07-0271

Action: Hickman Road Resurfacing - 30th Street to Merle Hay Road: Resolution approving plans, specifications, form of contract documents, Engineer's estimate and designating lowest responsible bidder as Des Moines Asphalt & Paving Co., (Jim Gauger, President), \$1,293,958.90. ([Council Communication No. 07-271](#)) Moved by Vlassis to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): TRAFFIC SAFETY COMMITTEE

Date: May 8, 2007

Roll Call Number: N/A

Action: Approved 12-month follow-up review of 5-lane traffic concept on Hickman Road, recommending that the new lane arrangement be retained.

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Normal actions to award the construction contract for the work.