

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: June 13, 2011
	Agenda Item No. 8B Roll Call No. <u>11-970</u> Communication No. <u>11-383</u> Submitted by: Jeb E. Brewer, P.E., City Engineer

AGENDA HEADING:

Ordering construction of the following: City-wide Fixed Time Traffic Signal Upgrade - Receiving bids, (6-21-11), and Setting date of hearing, (7-11-11). (Construction Estimate - \$440,000).

SYNOPSIS:

Recommend the City Council proceed with construction of the 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 project consists of upgrading the traffic signal operation at twenty-one existing intersections that currently operate as fixed time signals. The project includes the installation of vehicle detectors on the side streets and left-turning phases, along with adding pedestrian push buttons, thereby maximizing the amount of green time available for the major roadways.

FISCAL IMPACT:

Amount: \$440,000 (City Engineer's Estimate)

Funding Source: 2011-2012, Page Street-46, City-wide Signals, Channelization, and School Crossing Protection Program, TFC091, being: \$320,000 in Iowa Clean Air Attainment Program (ICAAP) funding (max 80% of eligible items) under agreement STP-A-1945(781)--86-77; \$80,000 in Iowa DOT Traffic Safety Funds for 100% of construction contract costs only (Max \$80,000) under pending agreement CS-TSF-1945(784)—85-77; \$40,000 in City of Des Moines G. O. Bonds from TFC091.

ADDITIONAL INFORMATION:

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer’s estimate for the construction of the City-wide Fixed Time Traffic Signal Upgrade, 04-2011-002. The improvement includes the upgrading of existing signals and installation of detectors at various locations; all in accordance with the contract documents, including Plan File Nos. 530-001/021, at the following locations within the City of Des Moines, Iowa:

- 2nd Avenue at College Avenue
- 2nd Avenue at Holcomb Avenue
- 2nd Avenue at New York Avenue
- 2nd Avenue at Hull Avenue
- 2nd Avenue at Euclid Avenue
- 2nd Avenue at University Avenue
- University Avenue at 9th Street
- University Avenue at 13th Street

University Avenue at 19th Street
University Avenue at ML King Jr. Parkway
University Avenue at 24th Street
University Avenue at 25th Street
University Avenue at 28th Street
University Avenue at Polk Blvd
Grand Avenue at E 9th Street
Grand Avenue at E 12th Street
Grand Avenue at 28th Street
Grand Avenue at 35th Street
Grand Avenue at 42nd Street
Keosauqua Way at 12th Street.

The estimated construction cost is \$440,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

PREVIOUS COUNCIL ACTION(S):

Date: February 28, 2011

Roll Call Number: [11-0284](#)

Action: [Approving](#) the execution of Iowa Department of Transportation Agreement No. 2011-ICAAP-004 for the Citywide Fixed-Time Traffic Signal Upgrading Project. ([Council Communication No. 11-106](#)) Moved by Coleman to adopt. Motion Carried 7-0.

Date: June 14, 2010

Roll Call Number: [10-884](#)

Action: [Approving](#) FY2012 Traffic Safety Fund Applications to the Iowa Department of Transportation. ([Council Communication No. 10-336](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: August 24, 2009

Roll Call Number: [09-1522](#)

Action: [Approving](#) submittal of Iowa Clean Air Attainment Program (ICAAP) Fund applications to the Iowa Department of Transportation (IDOT) for Citywide Fixed-time Signal Upgrade, \$320,000 and Des Moines River Trail Phase 1, \$500,000. ([Council Communication No. 09-603](#)) Moved by Hensley to adopt; refer the comments regarding trees to the City Manager for review and recommendation. Motion Carried 7-0.

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.

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