

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: August 8, 2011
	<p style="text-align: right;">Agenda Item No. 7A Roll Call No. <u>11-1346</u> Communication No. <u>11-512</u> Submitted by: Jeb E. Brewer, P.E., City Engineer</p>

AGENDA HEADING:

Ordering construction of the following: Euclid Avenue Intersection Improvements at 11th Street - Receiving bids, (8-30-11), and Setting date of hearing, (9-12-11). (Construction Estimate - \$250,000).

SYNOPSIS:

Recommend the City Council proceed with construction of these 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 intersection improvements at Euclid Avenue and 11th Street including new traffic signals and an increased turning radius for bus turning movements and removal of site vision obstructions in the clear zones at both the 11th Street and 12th Street intersections with Euclid Avenue. This project is funded by State of Iowa Traffic Safety Funds which resulted from the analysis of a multi-disciplinary team of City and Iowa Department of Transportation (IDOT) engineering, law enforcement, neighborhood and school representatives that was led by Traffic and Transportation staff.

FISCAL IMPACT:

Amount: \$250,000 (City Engineer's Estimate)

Funding Source: 2011-2012 CIP, Page Street - 23, Euclid Avenue Intersection Improvements, STR243, Other, Being: \$250,000 in Iowa DOT Traffic Safety Funds under IDOT Agreement No. 2011-TSF-21 (Maximum \$270,000) for 100% construction contract costs only.

ADDITIONAL INFORMATION:

Traffic and Transportation staff worked with a “multi-disciplinary” team to review the Euclid Avenue corridor between the Des Moines River and E. 14th Street. The team consisted of City and IDOT engineering, law enforcement, neighborhoods, schools, and Traffic Safety Committee representatives. Meetings were held during which time the crash statistics were reviewed and various alternatives were discussed. The crash rate along this corridor for the 5-year period 2003-2007 was determined to be considerably higher than the statewide average for similar roadways. This segment has a crash rate of 942 crashes per hundred million vehicle miles (HMVM). The statewide average for similar roadways is 297 crashes per HMVM for the same time period. There were also five fatalities along Euclid Avenue during this time. As a result of these meetings and the high crash history, the multi-disciplinary team recommended that three projects be submitted to IDOT for Traffic Safety Funding: Euclid Avenue Intersection Improvements at 11th Street; Euclid Avenue and Oxford Street Intersection; and Euclid Avenue and Cornell Street intersection. This is the first of three projects.

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Euclid Avenue Intersection Improvements at 11th Street, 06-2011-001. The improvement includes construction of traffic signals, 10" thick PCC pavement widening, 2" HMA overlay, pavement markings and other incidental items; all in accordance with the contract documents, including Plan File Nos. 534-118/144, located at the intersection of Euclid Avenue (US Highway 6) at 11th Street, Des Moines, Iowa.

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: May 23, 2011

Roll Call Number: [11-0865](#)

Action: Approving Iowa Department of Transportation Agreements for the following: (B) [Euclid Avenue Intersection Improvements at Cornell and Oxford Streets](#). ([Council Communication No. 11-305](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: September 13, 2010

Roll Call Number: [10-1438](#)

Action: [Approving](#) execution of Iowa Department of Transportation Agreements for Euclid Avenue Intersection Improvements. ([Council Communication No. 10-546](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S):

Board: Traffic Safety Committee

Date: May 12, 2009

Resolution Number: N/A

Action: A motion was made by Jim Windsor to approve the combination of staff's recommendations from the Euclid Avenue Traffic Study and approve the submittal of Euclid Avenue at 11th/12th Streets; Euclid Avenue at Oxford – Widening and Traffic Signals; and Euclid Avenue at Cornell – Widening and Signal Upgrading projects to the Iowa Department of Transportation in June 2009 for Traffic Safety Funding consideration; seconded by Kevin Williamson. Motion passed unanimously.

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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