

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: September 13, 2010
	Agenda Item No. 10 Roll Call No. <u>10-1438</u> Communication No. <u>10-546</u> Submitted by: Jeb E. Brewer, P.E. City Engineer

AGENDA HEADING:

Approving and authorizing the execution of Iowa Department of Transportation Agreements for Euclid Avenue Intersection Improvements.

SYNOPSIS:

Recommend approval of the following Iowa Department of Transportation (IDOT) Agreements for Traffic Safety Improvement Program funding: No. 2011-TS-019 for \$485,000 for Euclid Avenue and Cornell Street, No. 2011-TS-020 for \$300,000 for Euclid Avenue and Oxford Street, and No. 2011-TS-021 for \$270,000 for Euclid Avenue and 11th Street.

FISCAL IMPACT:

Amount: \$1,210,000

Funding Source: Various funding sources as follows:

- \$1,055,000 Iowa DOT Traffic Safety Improvement Funds
- \$155,000 2010-11 CIP, Page Street-23, Euclid Avenue Intersection Improvements, STR243, G.O. Bonds

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 these three projects be submitted to IDOT for Traffic Safety Funding. In June of 2009, City Council authorized that three applications be submitted to the IDOT for Euclid Avenue Intersection Improvements. The IDOT has approved these three intersection improvement projects. The remaining costs, including

design, inspection, and construction administration, are to be funded by the City. The total City cost is estimated to be \$155,000.

1. Euclid Avenue and Cornell Street Intersection Improvements – This project would involve minor widening on Euclid Avenue between Cambridge Street and Columbia Street to allow installation of a left-turn lane on Euclid Avenue at Cornell Street. The existing traffic signals would be upgraded at the intersection of Euclid and Cornell. The estimated cost for this project is \$555,000. Traffic Safety Funds in the amount of \$485,000 covering the construction costs have been approved.
2. Euclid Avenue and Oxford Street Intersection Improvements – This project would involve minor widening of Euclid Avenue to allow installation of a left-turn lane on Euclid Avenue between Cambridge Street and 2nd Avenue. Traffic signals would be installed at the intersection of Oxford and Euclid. The estimated project cost is \$345,000. Traffic Safety Funds in the amount of \$300,000 covering the construction costs have been approved.
3. Euclid Avenue and 11th Street Intersection Improvements – This project would install traffic signals on Euclid Avenue at 11th Street. The new signals would be interconnected with those at 6th Avenue and Euclid Avenue. The estimated project cost is \$310,000. Traffic Safety Funds in the amount of \$270,000 covering the construction costs have been approved.

PREVIOUS COUNCIL ACTION(S):

Date: June 8, 2009

Roll Call Number: 09-959

Action: [Approving](#) 3 Traffic Safety Fund Applications to the Iowa Department of Transportation. ([Council Communication No. 09-376](#)) Moved by Vlassis to adopt. Motion Carried 7-0.

Date: November 10, 2008

Roll Call Number: 08-1988

Action: [From](#) John Morrissey, 2913 Oxford Street, regarding traffic on Euclid Avenue. Moved by Mahaffey to receive and file petition and refer to the City Manager for review and recommendation. Council will issue a letter of support to IDOT encouraging their consideration of these changes. Motion Carried 6-1

BOARD/COMMISSION ACTION(S): TRAFFIC SAFETY COMMITTEE

Date: May 12, 2009

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:

Normal actions for award of the construction contract for the work.

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