

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: September 12, 2011
	Agenda Item No. 43 Roll Call No. [_____] Communication No. <u>11-588</u> Submitted by: Jeb E. Brewer, P.E., City Engineer

AGENDA HEADING:

Hearing on Euclid Avenue Intersection Improvements at 11th Street: Resolution approving plans, specifications, form of contract documents, engineer’s estimate, receive and file bids and designating lowest responsible bidder as Concrete Technologies, Inc., Brad Baumler, President, 3809 109th Street, Suite D, Urbandale, IA, 50322, \$237,313.

SYNOPSIS:

This is a public hearing to allow for input on the Euclid Avenue Intersection Improvements at 11th Street and take the necessary actions, as required by Iowa Code, to authorize a contract for construction of the proposed project. This project consists of intersection improvements at Euclid Avenue and 11th Street including new traffic signals, 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, led by Traffic and Transportation staff.

FISCAL IMPACT:

Amount: \$237,313 Construction Contract (\$250,000 City Engineer's Estimate)

Funding Source: 2011-2012 CIP, Euclid Avenue Intersection Improvements, STR243, Page Street - 23, Being: \$237,313 in IDOT 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, at which time the crash statistics were reviewed and various alternatives were discussed. The crash rate along this corridor for the five-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.

On August 8, 2011, under Roll Call No. 11-1346, the City Council received and filed plans, specifications, form of contract documents and City Engineer's estimate for the construction of the Euclid Avenue Intersection Improvements at 11th Street. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, form of contract documents and 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 Portland Cement Concrete (PCC) pavement widening, 2" Hot Mix Asphalt (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.

Sealed bids for said improvement were submitted by the following bidders:

Concrete Technologies, Inc., Urbandale, IA
T K Concrete Inc., Pella, IA
Elder Corporation, Des Moines, IA

The bids were received and opened at a public meeting presided over by the City Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, IA 50309, at 11:00 a.m. on August 30, 2011.

The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Concrete Technologies, Inc. in the amount of \$237,313, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement, as stated above.

PREVIOUS COUNCIL ACTION(S):

Date: August 8, 2011

Roll Call Number: [11-1346](#)

Action: Ordering construction of the following: (A) [Euclid](#) Avenue Intersection Improvements at 11th Street: Receiving of bids, (8-30-11), Setting date of hearing, (9-12-11), Construction estimate, \$250,000. ([Council Communication No. 11-512](#)) Moved by Mahaffey to adopt. Motion Carried 7-0.

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:

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.