



# Council Communication

Office of the City Manager

Date

July 13, 2009

Agenda Item No. 7A  
Roll Call No. 09-  
Communication No. 09-467  
Submitted by: Jeb E. Brewer, P.E.  
City Engineer

## AGENDA HEADING:

Ordering construction of the following: E. Indianola Avenue Widening - S.E. 14th Street to S.E. 16th Court - Receiving bids, (7-21-09), and Setting date of hearing, (8-10-09). (Construction Estimate - \$4,056,872).

## 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 is the first phase of the E. Indianola Avenue Widening project, which will reconstruct E. Indianola Avenue to increase traffic capacity, improve safety and provide pedestrian and bicycle accommodations. This project has been designed as a "complete street" that includes facilities for not only vehicular traffic, but also pedestrians, commuter and recreation bicyclists and other recreational users.

## FISCAL IMPACT:

Amount: \$4,056,872, City Engineer's Estimate

Funding Source: 2009-2010 CIP, Page Street-14, East Indianola Avenue Widening - S.E. 14th to Army Post, STR213, Being:

Various funding sources as follows:

- \$701,530 in City G.O. Bonds from STR213;
- \$200,000 in Iowa Department of Transportation (IDOT) Traffic Safety Funds under IDOT Agreement No. 2009-TS-014 (Maximum \$500,000) for 100% construction contract costs only, which includes both 06-2009-002, S.E. 14th Street Widening at E. Indianola Avenue, estimated at \$300,000, and 06-2009-003, E. Indianola Avenue Widening - S.E. 14th Street to S.E. 16th Court, estimated at \$200,000 under IDOT Project No. CS-TSF-1945(744)--85-77;
- \$500,000 in IDOT Traffic Safety Funds for 100% construction contract costs only under IDOT Agreement No. 2009-TS-015 (Maximum \$500,000) under IDOT Project No. CS-TSF-1945(749)--85-77;
- \$2,118,252 in Federal Surface Transportation Program (STP) funds being: 80% eligible construction costs only (Maximum \$2,118,252) and 80% of eligible real estate costs including labor (Maximum \$631,748) under IDOT Project No. STP-U-1945(704)--70-77;
- \$500,000 maximum in Federal funds from Iowa Clean Air Attainment Program (ICAAP) for 80% eligible construction costs under IDOT Project No. STP-A-69-4(91)--86-77.
- \$37,090 from Des Moines Water Works for water main construction.

**ADDITIONAL INFORMATION:**

On October 8, 2007, by Roll Call No. 07-1994, the City Council approved the East Indianola Avenue Corridor Study. On March 10, 2008, by Roll Call No. 08-435, the City Council approved the design concept for bicycle and pedestrian accommodations on the East Indianola Avenue Widening – S.E. 14<sup>th</sup> Street to Army Post Road project.

East Indianola Avenue from S.E. 14<sup>th</sup> Street to E. Army Post Road is intended to be reconstructed as a “complete street” design. A “complete street” design includes accommodation for not only vehicular traffic, but also mass transit, pedestrians, commuter and recreational bicyclists and other recreational users. Providing facilities for all users helps reduce the number of single-occupant vehicles using the roadway, and also encourages alternative commuting options and recreational activities. The bicycle features, in particular, are an important part of the City’s effort to gain recognition as a bike-friendly community.

The design concept includes a four foot sidewalk on the east side of the roadway and an eight foot multi-purpose trail (side path) on the west side. Both the sidewalk and side path will provide a safe route for students walking or biking to either Jackson Elementary School or Weeks Middle School at Indianola Avenue and Park Avenue. The eight foot side path will also provide a continuous connection to the ten foot trail through Ewing Park, and will accommodate pedestrians, recreational bikers and in-line skaters.

From S.E. 14<sup>th</sup> Street to Ewing Park, the proximity of existing homes and the limited available right-of-way width make a “complete street” design much more challenging. Two traffic lanes in each direction are still required to handle the anticipated traffic. A raised median will not be included in this section, but a two-way left-turn lane will be provided from Jackson Elementary School to Ewing Park. From Evergreen Avenue to Jackson Elementary School, the center turn lane will not be included, in order to minimize the total roadway width and the impacts to adjacent homes and businesses. From Evergreen Avenue north to S.E. 14<sup>th</sup> Street, turn lanes will again be provided to accommodate the heavy turning traffic.

The Engineering Department has prepared plans, specifications, form of contract documents and City Engineer’s estimate for the construction of the E. Indianola Avenue Widening - S.E. 14<sup>th</sup> Street to S.E. 16<sup>th</sup> Court, 06-2009-003. The improvement includes reconstruction of E. Indianola Avenue with ten inch thick full-depth portland cement concrete; together with pavement removal, excavation, utility conduits, water main construction, storm drainage, subdrain, sub-base placement, driveways, sidewalks, sodding and miscellaneous associated work, including cleanup; in accordance with the contract documents, including Plan File Nos. 505-001/199, on E. Indianola Avenue from S.E. 14<sup>th</sup> Street to S.E. 16<sup>th</sup> Court, Des Moines, Iowa.

The estimated construction cost is \$4,056,872. The proposed plans, specifications and form of contract documents are available for public inspection in the City Engineer’s Office.

**PREVIOUS COUNCIL ACTION(S):**

Date: May 4, 2009

Roll Call Number: 09-712

Action: Approving execution of Iowa Department of Transportation Agreement for E. Indianola Avenue Widening - SE 14<sup>th</sup> Street to SE 16<sup>th</sup> Court. (Council Communication No. 09-275) Moved by Hensley to adopt. Motion Carried 7-0.

Date: September 22, 2008

Roll Call Number: 08-1641

Action: Approving Iowa Department of Transportation Agreement for E. Indianola Avenue Widening – S.E. 14<sup>th</sup> Street to S.E. 16<sup>th</sup> Court. (Council Communication No. 08-569) Moved by Hensley to adopt. Motion Carried 7-0.

Date: August 25, 2008

Roll Call Number: 08-1487

Action: Approving Iowa Department of Transportation Agreement for S.E. 14<sup>th</sup> Street and E. Indianola Avenue Intersection Improvements. (Council Communication No. 08-509) Moved by Vlassis to adopt. Motion Carried 6-1.

Date: March 10, 2008

Roll Call Number: 08-435

Action: E. Indianola Avenue Widening – SE 14<sup>th</sup> Street to Army Post Road Design Concept from public input meeting. (Council Communication No. 08-115) Moved by Meyer to adopt. 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. 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.