

COUNCIL ACTION FORM

**SUBJECT: 2014/15 COLLECTOR STREET PAVEMENT IMPROVEMENTS
(WEST STREET & WOODLAND STREET)**

BACKGROUND:

This annual program is for reconstruction or rehabilitation of collector streets to restore structural integrity, serviceability, and rideability. The 2014/15 program locations are West Street (Sheldon Avenue to Hillcrest Avenue) and Woodland Street (West Street to Forest Glen). This project will include removal of the existing pavement and replacement with new concrete pavement, storm sewer improvements, water main improvements, sanitary sewer repairs, and installation of ADA compliant pedestrian facilities. Construction is anticipated during late spring/summer 2015.

City staff and the design consultant, Civil Design Advantage (CDA), held a project informational meeting including area residents, business owners, and Iowa State University (ISU). Coordination with these stakeholders was vital to developing a construction schedule that will minimize the impacts on ISU, businesses, and residents.

On January 21, 2015, bids for this project were received as follows:

<i>Bidder</i>	<i>Base Bid</i>	<i>Bid Alternate</i>	<i>Total Bid (Base + Alternate)</i>
Engineer's estimate	\$1,093,661.50	\$15,780.00	\$1,109,441.50
Con-Struct, Inc.	\$1,265,495.25	\$22,143.00	\$1,287,638.25

In analyzing the bid received, the increase in cost is mostly associated with traffic control, mobilization (likely due to utility work and staging) and the general costs of concrete pavement. The economic recovery and increased construction activity has created an increase in construction projects for the contractors, which has led to an escalation in bid prices. The bid alternate component provides for the replacement of a brick and mortar arch pipe beneath Woodland Street constructed most likely with the original street in the 1930s. Although this pipe is functioning today, the newly installed concrete pavement will have a life expectancy of 40-50 years, and staff determined this would be an opportune time to replace the section of pipe beneath the street. This would eliminate the potential need to remove newly installed concrete pavement to maintain this pipe in the future.

With the sole total bid (base + alternate) of \$1,287,638.25 along with estimated engineering and construction administration costs of \$230,000, **total estimated costs are \$1,517,638.25.**

Funding for this project was programmed in the amount of **\$1,205,000** from General Obligation Bonds (G.O. Bonds) and **\$35,000** from the Electric Utility Fund. Additional funding in the amount of **\$31,000** from the 2014/15 Water System Improvement Program (Water Utility fund), **\$88,000** from the 2014/15 Sanitary Sewer Rehabilitation Program (Sewer Utility fund), **\$11,000** from the 2014/15 Sidewalk Safety Program, **\$42,000** from 2014/15 Storm Sewer Improvements (Storm Utility fund) and **\$150,000** from savings on 2011/12 Asphalt Pavement Improvement Program will be utilized, bringing **total program funding to \$1,562,000**.

Staff anticipates approximately \$750,000 in savings in the 2011/12 Asphalt Pavement Improvements Program which was planned for Ironwood Court. The project was originally planned as a full depth replacement with complicated construction phasing. Staff was able to implement a different construction technique (cold in place pavement recycling) which also allowed traffic to be maintained, thereby saving significant cost.

The previous staff report identifies that a future (re)design change order and additional construction costs would be added in the future in order to implement the customer's request for a larger turning radius. The parking meters that were discussed only have revenue implications and will not be an additional cost to this project.

ALTERNATIVES:

1. a. Accept the report of bids for the 2014/15 Collector Street Pavement Improvements (West Street & Woodland Street).

b. Approve the final plans and specifications for this project.

c. Award the total bid (base + alternate) for the 2014/15 Collector Street Pavement Improvements (West Street & Woodland Street) to **Con-Struct, Inc. of Ames, Iowa**, in the amount of **\$1,287,638.25**.
2. a. Accept the report of bids for the 2014/15 Collector Street Pavement Improvements (West Street & Woodland Street).

b. Do not award the project and direct staff to modify the project for a future bid letting.
3. Do not proceed with the project at this time.

MANAGER'S RECOMMENDED ACTION:

Awarding this project now will make it possible to improve West Street and Woodland Street during the 2015 construction season. This schedule is based on combined coordination with ISU, local businesses, and property owners. In order to complete this project by fall semester move-in, ISU officials requested that the project be initiated during the spring semester. Delay of award could result in construction on West Street

continuing into the fall ISU semester and impacting students or the project being delayed an additional year.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as described above.