

COUNCIL ACTION FORM

**SUBJECT: 2008/09 ARTERIAL STREET PAVEMENT IMPROVEMENTS PROJECT
(NORTH DAKOTA AVENUE – 600' SOUTH OF DELAWARE AVENUE
TO ONTARIO STREET)**

BACKGROUND:

The annual Arterial Street Rehabilitation program utilizes current repair techniques to rehabilitate arterial streets with asphalt or concrete. This rehabilitation of arterial streets is needed to restore structural integrity, serviceability, and rideability. Targeted streets are reaching a point of accelerated deterioration.

The 2008/09 program location was identified as North Dakota Avenue from 600 feet south of Delaware Avenue to Ontario Street. The project included reconstruction of the portion of pavement south of Delaware Avenue and placing a concrete overlay from that point north to Ontario Street. This project also included reconstruction of the retaining wall adjacent to the cemetery, reconstruction of the shared use path, and in-fill of sidewalk along the west side as part of the Pedestrian Walkway Program.

On November 24, 2009 Council awarded the contract to Wicks Construction, Inc. of Decorah, Iowa in an amount not to exceed \$1,355,004.18.

Change order No. 1 in the amount of \$7,149.99 was administratively approved by staff. Items in the change order included adjustments to funding for items related to removals required for the project, thickening of sidewalk adjacent to the street and additional traffic control required to maintain a safe construction zone. The plan required all removed pavement, driveways, and sidewalks were to be delivered to the City of Ames. As such, the Federal Highway Administration determined that the hauling of these items will not be paid for with federal funding; therefore, a change order was required to adjust the contract unit prices.

Change order No. 2 in the amount of \$13,107.60 was administratively approved by staff. The item in this change order was for costs incurred for the City of Ames Electric Services by drilling a new power pole shaft as part of the relocation of a power pole at the cemetery wall. These costs are the responsibility of the City of Ames Electric Department as part of the costs of the utility relocation.

Change order No. 3 in the amount of \$5,225.00 was approved by the City Manager's Office. Items in this change order include costs for removing the existing retaining wall at the cemetery, as well as costs for boring electrical conduit for the City of Ames Electric Department. During construction it was discovered that an electrical crossing was too shallow to remain as a direct bury line and was required to be installed in

conduit. These boring costs are the responsibility of the City's Electric Services Department.

Change order No. 4 in the amount of \$25,847.04 includes costs for modifications to the water main configuration (as shown in the plan), labor and equipment necessary to repair substandard sections of storm sewer, and additional special signage required for the project detour.

To date, the costs associated with this project include:

Howard R. Green (Engineering Services)	\$ 190,500.00
Wicks Construction, Inc. (Construction Contract)	\$1,355,004.18
Wicks Construction, Inc. (Change Orders No. 1, 2, 3 and 4)	
	\$ 51,329.63
ROW Acquisition (403/411 North Dakota Ave)	\$ 3,000.00
Engineering and Construction Administration (estimate)	\$ 99,000.00
Estimated liquidated damages (to date)	<u>\$ (13,250.00)</u>
Total Cost	\$1,685,583.81

This program is shown in the 2008/09 Capital Improvements Plan with \$467,573 from General Obligation Bonds and \$782,000 in Metropolitan Planning Organization Surface Transportation Program funds. This project will also use 2007/08 and 2008/09 Pedestrian Walkway Program funding in the amount of \$313,000 from Local Option Sales Tax, \$50,000 from Local Option Sales Tax as part of the 2008/09 Shared Use Path Pavement Improvements, \$20,000 from Water System Improvements, and \$52,000 in Road Use Tax from the 08/09 and 09/10 Retaining Wall Reconstruction Program. In order to cover the costs of electric items within the Change Orders, \$14,482.60 from Electric Utility Funds has been added to this project. This brings total revenue available for this project to \$1,699,055.60.

ALTERNATIVES:

1. Approve Change Orders No. 1, 2, 3, and 4 in the amount not to exceed \$51,329.63 for the 2008/09 Arterial Street Pavement Improvements Project (North Dakota Avenue – 600' South of Delaware Avenue to Ontario Street).
2. Direct Staff to pursue modifications to the project.

MANAGER'S RECOMMENDED ACTION:

This majority of work on this project has now been completed, and the street was re-opened to traffic on November 30, 2010. It will remain substantially open to traffic when the remainder of the work is completed in spring 2011. At that time, single lane closures will be utilized to install sidewalk along the west side.

Remaining work to be completed on this project includes sidewalk installation along the west side of the roadway from just north of Delaware Avenue to the southern project limits, as well as pavement smoothness correction as required by specification. The final grading and vegetative restoration will also need to be completed in that area. This work is scheduled to be completed in spring 2011 as weather permits. Working day count will resume April 1, 2011 unless the contractor begins work prior to that date.

Since the work covered by these changes orders has been completed, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving Change Orders No. 1, 2, 3, and 4 in the amount not to exceed \$51,329.63.