

## 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 ride-ability. 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 includes 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 includes 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. Construction through an Iowa Department of Transportation contract will be completed between April and September of 2010. During construction, the roadway will be closed in two phases with detours redirecting traffic to County Line Road and Delaware Avenue.

Due to the deterioration of the retaining wall adjacent to the cemetery, as well as the impacts that construction will have on the retaining wall, this project will include reconstruction of this retaining wall. The new retaining wall has been structurally designed to not require tie-backs, which would not be possible due to the location of graves above the wall. This portion of the project will be funded from the 2009/10 Retaining Wall Reconstruction program, which is a project location variation from the Capital Improvements Plan (CIP). Due to this location reprioritization, the current 2009/10 location will be rescheduled as part of the 2010-2015 CIP preparation.

In order to in-fill the sidewalk along the west side, some tree removal will be necessary. The number of trees (estimate of eight trees) being removed has been minimized by designing a six-foot sidewalk adjacent to the back of curb in some locations. Two property owners through the corridor have expressed concern with in-fill of the sidewalk. Their primary concern is snow clearing during the winter months. One property owner has asked us to consider installing a 5-inch (instead of a standard 4-inch) thick sidewalk so that he can use equipment to clear snow. Once bids are received and compared to the budget, staff can evaluate the feasibility of this option.

In-fill of the sidewalk and relocation of electric poles have made it necessary to acquire Right-of-Way and Public Utility Easements, respectively. Right-of-Way has been successfully negotiated with the owners of 403/411 North Dakota Avenue at a cost of \$3,000. Public Utility Easements have been acquired from 1231 North Dakota Avenue, 1218 Delaware Avenue, and 1103/1201 North Dakota Avenue. Following standard procedures, temporary construction easements have been acquired from numerous properties.

Howard R. Green has completed plans and specifications with construction estimated in the amount of \$1,360,039. Engineering, construction administration, and land acquisition are estimated in the amount of \$272,000. This brings total estimated costs to \$1,632,039.

This program is shown in the 2008/09 CIP with \$467,573 from General Obligation Bonds and \$782,000 in Metropolitan Planning Organization Surface Transportation Program (STP) 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 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. This brings total project funding to \$1,684,573.

#### **ALTERNATIVES:**

- 1a. Accept Public Utility Easements from the owners of properties at 1231 North Dakota Avenue, 1218 Delaware Avenue, and 1103/1201 North Dakota Avenue.
  - b. Accept transfer of land from Robert Lee and Lois Jean Humphrey and approve the warranty deed for the pedestrian walkway program project, valued in the amount of \$3,000.
  - c. Approve plans and specifications for the 2008/09 Arterial Street Pavement Improvements project (North Dakota Avenue – 600' South of Delaware Avenue to Ontario Street) by establishing November 17, 2009, as the date of letting and November 24, 2009, as the date for report of bids.
2. Reject the project.

#### **MANAGER'S RECOMMENDED ACTION:**

By approving plans and specifications and setting the letting date, it will be possible to move forward with reconstruction of North Dakota Avenue during the 2010 construction season. Delay of approval could delay the reconstruction by at least one year. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as described above.