

COUNCIL ACTION FORM

**SUBJECT: 2010/11 ARTERIAL STREET PAVEMENT IMPROVEMENTS
(DUFF AVENUE FROM LINCOLN WAY TO 7TH STREET)**

BACKGROUND:

The annual Arterial Street Pavement Improvements program utilizes current repair techniques to improve arterial streets with asphalt or concrete. These pavement improvements are needed to restore structural integrity, serviceability, and ride-ability. Targeted streets are reaching a point of accelerated deterioration. By improving these streets prior to excessive problems, the service life will be extended.

The 2010/11 program location is Duff Avenue from Lincoln Way to 7th Street. This project includes curb and gutter repairs and a hot mixed asphalt overlay of the roadway. Construction is scheduled to be completed through an Iowa Department of Transportation contract during 2011. During construction, the roadway will be narrowed to one lane in each direction.

City staff held a public meeting, which included area businesses, to discuss the staging of the project. Businesses expressed a preference for the section from Lincoln Way to the Union Pacific Railroad (UPRR) tracks to be completed at night to minimize the affects on their business operations. Discussions were also held with the UPRR about replacing the crossing. However, the detection loops must be left in service for the roadway to remain open, so this would require closing Duff Avenue for two to three weeks. Therefore, it was decided to not impact the loops at this time and to perform the work at night to keep Duff open to through traffic.

The railroad crossing must still be replaced at some date by UPRR maintenance crews according to the availability of their schedules. This will likely occur on short notice, and will require the closing of Duff Avenue at that time.

Plans and specifications for this project have been completed with a construction estimate in the amount of \$605,000. Engineering and construction administration costs are estimated at \$95,000, bringing total estimated costs to \$700,000. This program is funded in the 2010/11 Capital Improvements Plan with \$275,000 from General Obligation Bonds and \$688,000 from Metropolitan Planning Organization Surface Transportation Program funds, bringing total project funding to \$963,000. This project also has \$40,000 in Electric funding to lower the electrical vault at Sixth and Duff.

ALTERNATIVES:

1. Approve plans and specifications for the 2009/10 Arterial Street Pavement Improvements (Duff Avenue from Lincoln Way to 7th Street) by establishing September 21, 2010, as the date of letting and September 28, 2010, 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 the rehabilitation of Duff Avenue during the 2011 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, thereby approving plans and specifications for the 2010/11 Arterial Street Pavement Improvements (Duff Avenue from Lincoln Way to 7th Street) by establishing September 21, 2010, as the date of letting and September 28, 2010, as the date for report of bids.