

COUNCIL ACTION FORM

SUBJECT: 2005/06 ANNUAL RESIDENTIAL STREET LOW POINT DRAINAGE IMPROVEMENTS – SHELDON AVENUE (LINCOLN WAY TO WEST STREET)

BACKGROUND:

This is the annual program for drainage improvements to decrease flooding at low points. Low point drainage improvements are not focused on residential street locations, but rather on those locations most in need of the improvements as affected by standing water, flooding, and insufficient pipe capacity. During heavy rain, some areas become flooded and damage to private property occasionally occurs. This program provides for installation of drainage improvements to decrease this flooding at low points. These improvements may include construction of detention areas, new pipe systems, and replacement systems for increasing the ability to control the runoff so that it can be carried by downstream systems.

The 2005/06 program includes the installation of two new intakes and a new 15-inch storm sewer pipe along the west side of Sheldon Avenue from Lincoln Way to West Street. This is needed since current storm facilities in the area are connected to a deficient and abandoned storm sewer. This work was discussed with Iowa State University staff to avoid any conflicts with their proposed growth in that corridor. Coordination with the church located at 159 Sheldon Avenue has exposed items to incorporate into the design plans.

Staff has completed plans and specifications with estimated construction costs of \$141,000. Engineering and construction administration costs are estimated at \$10,000. This project is shown in the 2005/06 approved budget with financing in the amount of \$100,000 from the Storm Sewer Utility Fund. Approximately \$42,000 from this program was expended repairing a deficient storm sewer on the 2006/07 CyRide Route Reconstruction Project (Jewel Drive). Remaining funds in the amount of \$120,000 from the 2005/06 Intake Rehabilitation Program will also be used for this project.

ALTERNATIVES:

1. Approve the 2005/06 Annual Residential Street Low Point Drainage Improvements–Sheldon Avenue (Lincoln Way to West Street) by establishing June 4, 2008, as the date of letting and June 10, 2008, as the date for report of bids.
2. Reject the project.

MANAGER'S RECOMMENDED ACTION:

By approving the plans and specifications, intake and pipe installation can be accomplished to alleviate storm water concerns in the corridor.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving the 2005/06 Annual Residential Street Low Point Drainage Improvements – Sheldon Avenue (Lincoln Way to West Street) by establishing June 4, 2008, as the date of letting and June 10, 2008, as the date for report of bids.

CAF APPROVAL

SS JS BK _____ SL _____

DM JS JP JS SR _____

To be sent to _____

