

## COUNCIL ACTION FORM

**SUBJECT: 2006/07 ANNUAL RESIDENTIAL STREET LOW POINT DRAINAGE IMPROVEMENTS (STANTON AVENUE AND CHAMBERLAIN STREET)**

### **BACKGROUND:**

This is the annual program for drainage improvements to decrease flooding at low points. Low point drainage improvements are not necessarily focused solely on residential street locations, but also on those locations most in need of the improvements 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 2006/07 project was at the intersection of Stanton Avenue and Chamberlain Street, which has experienced repeated events of localized flooding that impact private property in the area. A study was completed for the drainage area to find the best solution to prevent future flooding at this intersection. This project involved increasing the drainage capacity by installing additional storm sewer along Stanton Avenue from Chamberlain Street to a box culvert north of Lincoln Way on Iowa State University (ISU) property. This project included boring a 24-inch storm sewer under Lincoln Way to minimize traffic impacts. Staff coordinated the work with ISU and developed an easement for the installation of the storm sewer on their property.

On December 9, 2008, City Council awarded the contract to Con-Struct, Inc, of Ames, Iowa, in the amount of \$221,643.00. Construction was completed in the amount of \$240,074.75. Engineering, construction administration, and ISU project expenses were in the amount of \$64,793. Total project costs, as detailed above, are \$304,867.75.

This project was shown in the 2006/07 approved budget with financing in the amount of \$100,000 from the Storm Sewer Utility Fund. Additional funding for this project comes from Storm Sewer Utility Funds included in the 2007/08 Storm Sewer Intake Rehabilitation Program in the amount of \$122,000, \$18,220 from the 2005/06 Storm Sewer Intake Rehabilitation Program, and in the 2007/08 Storm Sewer Outlet Erosion Control Program in the amount of \$64,650. This brought total project funding to \$304,870.00.

**ALTERNATIVES:**

1. Accept the 2006/2007 Annual Residential Street Low Point Drainage Improvements (Stanton Avenue and Chamberlain Street) as completed by Con-Struct, Inc. of Ames, Iowa, in the amount of \$240,074.75.
2. Direct staff to pursue modifications to the project.

**MANAGER'S RECOMMENDED ACTION:**

The project engineer has certified this project as complete.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby accepting the 2006/2007 Annual Residential Street Low Point Drainage Improvements (Stanton Avenue and Chamberlain Street) as completed by Con-Struct, Inc. of Ames, Iowa, in the amount of \$240,074.75.