

ITEM # 26
DATE: 09-11-07

COUNCIL ACTION FORM

SUBJECT: FINAL ACCEPTANCE OF THE 2004/2005 ANNUAL TRAFFIC SIGNAL REPLACEMENT PROGRAM (DUFF AVENUE/6TH STREET)

BACKGROUND:

The Annual Traffic Signal Program involves the removal and replacement of existing traffic signal systems. This replacement of the existing traffic signal system is needed to restore structural integrity, and improve safe and reliable operation. The targeted traffic signal location has reached and exceeded its practicable life cycle. General wear and tear has left this facility in a deteriorated state.

This project included modifying the signal installation to include all new underground and overhead equipment. The signal replacement was needed to enhance safety and provide a more reliable operation by replacing older equipment. The existing signal poles, signal heads, and wiring were in poor condition and susceptible to problems. The loop detectors were not functional. The new installation has traffic signal pole setback distances in excess of ten feet to meet the Iowa Department of Transportation's (IDOT) clear zone requirements.

Construction of the new signal has been completed by KWS, Inc. of Cedar Falls, Iowa, in the amount of \$136,857.83. Engineering costs are estimated in the amount of \$6,765, bringing total project costs to \$143,622.83. This project was included in the 2004/2005 CIP with funding in the amount of \$50,000 from Road Use Tax and \$65,000 from Traffic Safety Improvement Grant program. Total project funding is in the amount of \$115,000. Remaining funds from the 2005/06 Annual Traffic Signal Replacement Program will be used to cover costs associated with this project. As a result of the IDOT directly funding the 2005/06 Traffic Engineering Study (ITS Architecture), remaining Road Use Tax funds in the amount of \$40,000 will also be used to supplement this project funding.

ALTERNATIVES:

1. Accept the 2004/2005 Traffic Signal Replacement Program (Duff Avenue/6th Street).
2. Direct staff to pursue modifications to the project.

MANAGER'S RECOMMENDED ACTION:

It is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby accepting the 2004/2005 Traffic Signal Replacement Program (Duff Avenue/6th Street) as completed by KWS, Inc. of Cedar Falls, Iowa, in the amount of \$136,857.83.