

COUNCIL ACTION FORM

SUBJECT: 2013/14 TRAFFIC SIGNAL PROGRAM (GRAND AVE. & 20TH ST.)

BACKGROUND:

The Traffic Signal Program is the annual program that provides for replacing older traffic signals by constructing new traffic signals in the City. This program will result in improved visibility, reliability, and signal aesthetics.

Although recent advances in technology have extended the normal, useful life for traffic signal installations well past the previously expected 25 years, some of the older generation traffic signals still in use exceed their functional age. Components at those installations (including conduits, wiring, signal heads, and poles) need to be completely replaced. In addition, this program provides for the necessary upgrades to the traffic signal system as technology continues to change. In recent years, the traffic signal replacements have included radar detection systems instead of the typical in-pavement loop detection system that frequently was the point of vehicle detection failure. Another advantage of the radar detection system is that it also detects bicycles.

Staff has completed plans and specifications with estimated construction costs of \$172,000 for the replacement of the traffic signal at 20th Street and Grand Avenue. Engineering and construction administration are estimated in the amount of \$12,000, which brings total project cost to **\$184,000**. The Capital Improvements Plan includes \$200,000 from the Road Use Tax Fund for this project.

ALTERNATIVES:

1. Approve the plans and specifications for the 2013/14 Traffic Signal Program (Grand Avenue & 20th Street) by establishing January 22, 2014, as the date of letting and January 28, 2014, as the date for report of bids.
2. Reject the project.

MANAGER'S RECOMMENDED ACTION:

Approval of the plans and specifications will initiate the letting process and should allow for the project to be completed by August 1, 2014.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving the plans and specifications for the 2013/14 Traffic Signal Program (Grand Avenue & 20th Street) by establishing January 22, 2014, as the date of letting and January 28, 2014, as the date for report of bids.