

ITEM 13
MANAGER'S REPORT NO. 11
COUNCIL MEETING 89/02/06

RE: WORK ORDER:

NO. 60-14-123 - FIRST STREET AT SIXTEENTH AVENUE TRAFFIC SIGNAL

MUNICIPAL MANAGER'S RECOMMENDATION:

1. THAT the recommendation of the Director Engineering be adopted.

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TO: MUNICIPAL MANAGER 1989 JANUARY 31

FROM: DIRECTOR ENGINEERING

SUBJECT: WORK ORDER NO. 60-14-123 - FIRST STREET AT
SIXTEENTH AVENUE TRAFFIC SIGNAL INSTALLATION

PURPOSE: TO REQUEST APPROVAL FOR THE SUBJECT WORK ORDER

RECOMMENDATION:

1. THAT Council approve Work Order No. 60-14-123, First Street at Sixteenth Avenue, Installation of a fully-actuated traffic signal.

REPORT

Council, at its meeting of 1989 January 16, approved the Traffic Safety Committee's recommendation for a pedestrian actuated traffic signal at the intersection of First Street and Sixteenth Avenue. Our recommendation above is that Council approve a fully-actuated traffic signal rather than a pedestrian actuated only traffic signal. The following paragraph is extracted from the Traffic Safety Committee's report of 1989 January 16 to Council regarding the conversion of the pedestrian actuated signal at Hastings Street and Gamma Avenue:

"One suspected reason for pedestrian actuated signals not being as effective as vehicle actuated signals is that they are actuated less frequently which can create a complacency in motorists who seldom are required to stop. Another reason is that motorists on the cross street attempt to use the pedestrian actuated signal as if it were a full signal. Since these motorists do not have an amber warning light to alert them to a pending signal change, they can be within the intersection when the through street is given the green light."

During discussion of this matter at the Traffic Safety Committee meeting, a question arose as to the difference in cost between a pedestrian actuated and a fully actuated signal. The current estimate for each type of signal is as follows:

Pedestrian Actuated Signal	\$26,000
Vehicle Actuated Signal	35,000

These estimates are lower than usual as we have current purchase orders for traffic signal equipment that can be expanded in quantity and thereby take advantage of volume purchasing.

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The Committee's desire is to improve the safety of the subject intersection and we feel that a full traffic signal is better able to accomplish this aim. Therefore we are recommending that Council approve the Work Order No. 60-14-123 in the amount of \$35,000, the funds for which are provided in the 1989 Capital Budget under Traffic Management, Code 14.



E. E. Olson, P. Eng.
DIRECTOR ENGINEERING

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cc: Traffic Supervisor