

AGENDA NO. 3

PLANNING COMMISSION



STAFF REPORT

DATE: December 16, 2013
TO: Chairperson and Members of the Planning Commission
FROM: Development Services Department/Transportation Section
SUBJECT: **PROPOSED STOP CONTROLS ON ALVARADO STREET AT KELLY STREET**

SYNOPSIS

Staff recommends that the Planning Commission recommend that the City Council approve the proposed installation of stop controls on Alvarado Street at Kelly Street.

BACKGROUND

City staff received a traffic request from a resident for the installation of stop controls at the intersection of Alvarado Street and Kelly Street to aid in establishing the right-of-way at this intersection.

ANALYSIS

Alvarado Street at Kelly Street is a four-leg residential intersection with no existing stop controls (Refer to Exhibit A). In the past year, there have been no reported collisions at the subject intersection and the minimum stopping sight distance was met. Staff analyzed and reviewed the traffic volumes approaching this intersection which do not meet All Way Stop control volume requirements. Traffic volume data shows that a majority of motorists are traveling east and westbound on Kelly Street. During a field investigation it was observed that there are cross gutter dips located across Alvarado Street at the intersection of Kelly Street which, in addition to facilitating drainage, help reduce motorist's speeds as they traverse the intersection. Vehicular scuffing marks can be seen at both approaches to these cross gutter dips which show that if motorists do not significantly reduce speeds approaching this intersection vehicles bottom out on the pavement.

Although the traffic volumes, traffic collision history, and corner sight visibility requirements for an All Way Stop were not met at this intersection, it is staff's recommendation to install stop controls on Alvarado Street at Kelly Street to help improve motorists decisions on whether to enter the intersection or not. These stop controls will be consistent with existing adjacent controlled intersections in the neighborhood and coincides with the cross gutter dips across Alvarado Street which already force motorists to significantly reduce their speeds. Stop controls on Alvarado Street at Kelly Street would not create an adverse traffic condition as it will only stop minor street traffic volumes.

FISCAL IMPACT

The installation of the proposed stop controls would cost approximately \$500 with an increase in annual maintenance of one work hour.

CITY ATTORNEY'S ANALYSIS

Does not apply.

RECOMMENDATION

Staff recommends that the Planning Commission recommend that the City Council approve the proposed installation of stop controls on Alvarado Street at Kelly Street.

PREPARED BY:



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SUBMITTED BY:



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City Traffic Engineer

DDP/DW/fil

Attachment:

Exhibit A – Location Map



PROJECT:

PROPOSED STOP CONTROLS ON ALVARADO STREET AT KELLY STREET

EXHIBIT
A

