

## MEMO TO CITY COUNCIL

**DATE:** MAY 7, 2007

**TO:** HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

**FROM:** GREG RAMIREZ, CITY MANAGER

**BY:** JAYANT P. PATEL, ACTING CITY ENGINEER  
NATHAN HAMBURGER, ASSISTANT CITY MANAGER

**SUBJECT:** ADDITIONAL INFORMATION REGARDING POSSIBLE TRAFFIC IMPROVEMENTS AT REYES ADOBE ROAD AND LAKE LINDERO DRIVE (YERBA BUENA SCHOOL)

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*This memo is being provided as additional information to item no. 8 on the City Council agenda for the May 9, 2007 meeting.*

City Traffic Engineers at Willdan and Associates completed their traffic warrants study this past week the results are attached for your review. The study consisted of twenty-four hour approach counts on Reyes Adobe Road at Lake Lindero Drive and pedestrian counts that were conducted in the AM and PM periods. A radar speed survey was conducted on Reyes Adobe Road at approximately 470' south of Lake Lindero Drive and the 85<sup>th</sup> percentile approach speed was determined to be 42 mph.

Only one collision report of hitting a fixed object was reported over the past five years at this intersection. The accident occurred on February 26, 2005 with the driver being cited for driving under the influence. No other accidents have been recorded at this location during this time period.

The study reveals that the volume of traffic exceeds 300 vehicles per hour for any eight hours of an average day with both streets having about the same amount of traffic. These results lend credibility to a higher level of intersection control that is being recommended. According to the California Manual of Uniform Traffic Control Devices guidelines the intersection does satisfy two of the warrants for the installation of 4-way stop signs: 1) Need to control left turn conflicts; 2) Visibility obstruction after stopping on Lake Lindero Drive (Minor Street) approach due to intersection geometry.

Due to visibility obstructions on northbound Reyes Adobe Road for the motorists stopped at Lake Lindero Drive and to control left turn conflicts the installation of 4-way stop signs on Reyes Adobe Road and Lake Linero Drive is recommended at this time. Currently, Peak Average Delay on the minor street at the intersection is well within 30 second limit but expected to increase when the traffic volume on Reyes Adobe Road increases.

## RECOMMENDATION

Staff respectfully recommends the City Council:

- 1) Approve the traffic changes as proposed to create a “4-way” stop at the intersection of Reyes Adobe Road and Lake Lindero Drive.

Attachments:   A) Traffic Study Report – Willdan Associates  
                      B) Intersection Diagram