Federhart & Associates
2845 Nimitz Blvd.
Suite G
San Diego, CA 92106
(619) 226-0625

EIR no. 08-02007

TRAFFIC AND PARKING STUDIES

JF1204
January 24, 2013

Mr. Ivan Fox
San Dieguito Engineering
4407 Manchester Ave, #105
Encinitas, CA 92024

Re: TM 5553

Dear Ivan,

With your plan for widening Sunnycrest Lane at Winterhaven Road along its east side, and then installing a four foot wide raised median from Winterhaven towards the north, all sight distances at the Sunnycrest / Winterhaven intersection will more than meet County of San Diego standards.

As you remember, in the Traffic Impact Study for TM 5553 (revised September 20, 2012) the intersection of Sunnycrest / Winterhaven was found in the TIS, to have an existing, sight distance problem to the east of Sunnycrest, due to a slight sag in the surface of Winterhaven Road. After speed studies for the TIS, by County standards it was determined that 450 feet of sight distance was required both east and west of Sunnycrest along Winterhaven Road.

In the TIS, you have proposed a modification to the intersection of Sunnycrest / Winterhaven, which moves the eastern curb (and roadway) to the east so that all vehicles entering or leaving Winterhaven Road, will have good sight distances in all directions. With implementation of these project proposals, the existing , and future, sight distance problems, are eliminated at this "project access" intersection. Figure 11(from the TIS) shows the preliminary plan for the Sunnycrest Lane widening along with the proposed median.

Figure 12 (from the TIS) shows that from the drivers position about 22 feet from the Winterhaven centerline and along the median, the outbound vehicles on Sunnycrest at Winterhaven will have clear sight distances of 600 feet to the right (west) and over 600

feet to the left (east). These distances are well beyond the 450 foot County Standard required by the measured speeds.

It is recommended that the intersection of Sunnycrest / Winterhaven and the widening of Sunnycrest Lane, as shown on Figure 11, be implemented in order that the existing sight distance can be improved to County Standards.

James W. Federhart

Federhart & Associates