

**ORANGE COUNTY SHERIFF'S DEPARTMENT
INTERNAL MEMO**



TO: Kevin Canning
FROM: Lt. R. Wren
DATE: January 31, 2014
RE: Esperanza Hills Project

5.14 Traffic

In consideration of the Orange County Congestion Management Program, using the Intersection Capacity Utilization methodology for signalized intersections, and the Highway Capacity Manual for un-signalized intersections, peak hour operating conditions were analyzed to determine Level of Service ratings based on the wait time at each intersection during peak hours. Intersections are rated "A" through "F." Via Del Agua and Yorba Linda Blvd is the only intersection studied to receive an "F" rating. The study predicts that putting a traffic signal at Via Del Agua will improve that intersection to an "A" rating.

Traffic signal synchronization, while in controlling traffic during day to day conditions, is not utilized during an emergency evacuation.

5.12.1 Existing Conditions

No response

5.12.3 Project Impacts Prior to Mitigation

- *The noted response time standard is incorrect.*
- *The County did not allot six deputies to the Yorba Linda Police Services contract and they are not additional deputies and should not be considered as additional resources.*
- *It is unclear what is meant by... "beyond the personnel recently expanded and in place."*
- *It is not known if there will be the need for additional services from the Orange County Sheriff's Department. The Esperanza Hills project is in unincorporated Orange County and because it was not developed and did not generate any calls for service, it was not a factor during the development of the law enforcement services contract.*

5.12.5 Level of Significance After Mitigation

(2) Police Protection

"...resulting in the addition of several staff members to serve the City and the unincorporated areas" is not an accurate statement.

5.12.6 Cumulative Impacts



- "As noted, additional personnel has been added..." *is not an accurate statement.*
- It is assumed that by "Reverse 911" they mean "Alert OC." *That needs to be clarified.*

Appendix J – Fire Protection and Emergency Evacuation Plan

4.3.1 Partial Community Evacuation

"Since evacuation of the community at maximum usage may require in excess of 1.5 hours, a conservative trigger threshold is required in order to fully evacuate the community..." *These assumptions need to be explained. The concept of a partial community evacuation needs to be explained.*

4.3.2 Social Aspects of Wildfire Evacuation

The statement, "Typically, an organized population, like an HOA more readily accepts instruction..." *needs some type of validation.*

The statement, "There are two types of evacuation envisioned..." needs some type of validation. I have only seen one type of evacuation.

The statement, "Orderly movement...planning, training, education...pre-planned protocol...orderly movement during wildfire and other emergencies is not typically unmanageable" implies there is some training program envisioned to accomplish these things. This statement needs to be clarified.

4.3.3 Evacuation Trigger Threshold

The study indicates that the Esperanza Hills community will evacuate if there is a fire burning west of the 71 during Santa Ana winds, or if they are told to by public safety officials. The report implies there will be a community response that is unique to Esperanza Hills and the residents will know what to do because they are Esperanza Hills residents. This premise needs to be validated.

4.3.4.1 Wildfire Evacuation Scenario – Off Site Evacuation

The capabilities of Alert OC need to be explained further. People have to sign up for Alert OC in order to receive messages.

"Esperanza Hills residents receive warning within minutes of fire reporting" That will not occur with Alert OC. This needs to be clarified.

"Vehicles will be metered" that statement is not accurate.

"... it could take 90 minutes or more to move residents to the west" The direction in which cars will be directed is dependent on many factors and they may or may not be directed west.

4.3.5 On-site relocation



I am not familiar with this concept and have never seen it in use. This concept needs to be explained and clarified.

5.0 Implementation Conditions

The Project will not be treated differently than any other group of homes in the affected area. There will not be an immediate trigger as indicated in this section.

6.0 Conclusion

The assumption that the community will be READY, SET, and GO just because they live in Esperanza Hills needs to be further clarified.

The statement, "Orderly movement...planning, training, education...pre-planned protocol...orderly movement during wildfire and other emergencies is not typically unmanageable" implies there is some training program envisioned to accomplish these things. This statement needs to be clarified.

Cumulative Impacts

The project area includes the 112 home Cielo Vista project and the 340 home Esperanza Hills project. Together, these projects present significant evacuation issues because of their proximity to and the fire dangers associated with Chino Hills State Park. There are five potential entrance and exit points and it is recommended that as many of them as possible be built and that all of the homes from both of the developments have access to all of the exits during an emergency evacuation. The EIR identifies two access points for the Esperanza Hills project which would present evacuation challenges during less than ideal conditions.

