

**CITY OF ENCINITAS
MEMORANDUM
Date: March 2, 2004**

TO: Peter Cota-Robles, Director of Engineering Services

FROM: *RB* Rob Blough, Traffic Engineer

SUBJECT: Selection of Location for Photo Enforcement: El Camino Real and Encinitas Blvd

DATA:

El Camino Real/Encinitas Blvd

Number of Intersection Collisions (2000-2002)	26
Ranking ¹	3 / 62
Citywide Average Number of Intersection Collisions (2000-2002)	8.2
Number of Red Light Violation Related Collisions (2000-2002)	6
Ranking ²	12 / 62
Citywide Average Number of Red Light Violation Related Collisions (2000-2002)	2.5
Accident Rate (2000-2002) per million entering vehicles (acc/mev)	0.37
Ranking ³	15 / 62
Citywide Average Signalized Intersection Accident Rate (2000-2002)	0.26
Number of Documented Red Light Violations per Direction ⁴	
Northbound	6
Northbound Left	7
Southbound	13
Southbound Left	47
Eastbound	6
Eastbound Left	3
Westbound	6
Westbound Left	21

- The yellow change intervals are per Caltrans Traffic Manual guidelines.
- The Sheriff's Department has concurred with Engineering for selection of this intersection for photo enforcement.
- An engineering field study of the signalized intersection has been conducted and it has been determined that no other feasible alternatives exist that would be effective in reducing the incidence of red light running.

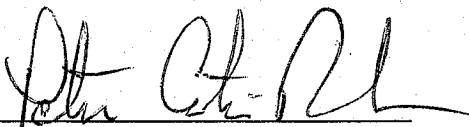
CONCLUSION:

The intersection of Encinitas Blvd and El Camino Real is recommended for red light photo enforcement.

Notes:

- ¹ Ranking out of 62 signalized intersections, a Ranking of 1 being worst and 64 being best.
- ² Ranking out of 62 signalized intersections based on number of collisions directly attributable to red light violations.
- ³ Ranking out of 62 signalized intersections.
- ⁴ Number of documented red light violations are from a study conducted on December 11-12, 2003, from 7 a.m. to 11 a.m. and 2 p.m. to 6 p.m.

Approved by:


Peter Cota-Robles
Director of Engineering Services

3/2/04
Date