

Department of Public Works



COUNTY OF SAN MATEO

555 COUNTY CENTER, 5<sup>TH</sup> FLOOR • REDWOOD CITY • CALIFORNIA 94063-1665 • PHONE (650) 363-4100 • FAX (650) 361-8220

BOARD OF SUPERVISORS  
MARK CHURCH  
RICHARD S. GORDON  
JERRY HILL  
ROSE JACOBS GIBSON  
MICHAEL D. NEVIN

NEIL R. CULLEN  
DIRECTOR

March 14, 2002

Mr. Ed Everett, City Manager  
City of Redwood City  
1017 Middlefield Road  
Redwood City, California 94063

Dear Mr. Everett:

**Re: Proposed Traffic Signal at Edgewood Road / Cordilleras Road (West)**

The Board of Supervisors continued their consideration of our recommendation to install a traffic signal at the above referenced intersection until their regular meeting of March 26, 2002, and directed staff to respond to the City's concerns as expressed in your letter of March 4, 2002.

We explained in our original report that our traffic counts indicate that approximately 125 motorists per day, who currently make the left-turn at the Edgewood Road/Cordilleras Road west intersection, would be diverted. This would either increase the turn movements at Cordilleras east from approximately 800 to 925 turns per day, which is not considered excessive, or motorists will seek another route to access the area.

The following table summarizes the potential traffic diversion onto easterly Cordilleras Road from Edgewood Road due to the proposed traffic signal, using the volumes from our previous traffic counts:

	Existing Volume	Existing LOS	Projected Volume	Projected LOS
Left turn from Edgewood onto easterly Cordilleras for AM Peak Hour 8-9am	119	B	132	B
Left turn from Edgewood onto easterly Cordilleras for PM Peak Hour 5-6pm	98	B	109	B
Westbound on Cordilleras west of easterly Cordilleras intersection at Edgewood Road for AM Peak Hour	133	B	146	B
Westbound on Cordilleras west of easterly Cordilleras intersection at Edgewood Road for PM Peak Hour	108	B	119	B

Mr. Ed Everett, City Manager, City of Redwood City

**Re: Proposed Traffic Signal at Edgewood Road / Cordilleras Road (West)**

March 14, 2002

Page 2

The intersection of Edgewood Road and Easterly Cordilleras was analyzed using the 1997 Highway Capacity Manual (HCM) methodology using May 2001 intersection counts. We believe the average measured delay of 14.8 seconds during the peak A.M. period and 13.6 seconds during the peak P.M. period are within acceptable levels.

The City's other concern related to appropriate advance warning of the signal if it is installed. We agree that advance warning should be provided and will include advance warning signs in the proposed project if the project is approved by the Board of Supervisors.

Please call me at (650) 599-1421 if you have any questions.

Very truly yours,



Neil R. Cullen  
Director of Public Works

NRC:BCL:RWC:sdd

F:\USERS\ADMIN\Construction\TRAFFIC\2002\Everett 020311 Mar 13.doc

cc: Members, Board of Supervisors  
John Maltbie, County Manager  
Joel Patterson, Manager of Engineering & Construction, City of Redwood City  
Jon Lynch, City Engineer, City of Redwood City  
Richard Haygood, Traffic Engineer, City of Redwood City