

**PUBLIC TRAFFIC/SAFETY COMMISSION
AGENDA REPORT**

TO: Public/Traffic Safety Commission

FROM: Patrick Thomas, Director of Public Works/City Engineer

DATE: May 26, 2022

SUBJECT: Rancho Vista Road and Pauba Road Traffic Calming

PREPARED BY: Erick Escobedo, Associate Engineer II
Nick Minicilli, Senior Traffic Engineer

RECOMMENDATION: That the Public/Traffic Safety Commission receive and file the report.

BACKGROUND: In December 2021, City of Temecula staff received a request from Councilman and Mayor Pro Tem Schwank to consider the feasibility of implementing traffic calming measures to address concerns of excessive speeding on Rancho Vista Road from Ynez Road to Margarita Road. Councilman Schwank referenced concerns with speeding on Rancho Vista Road, specifically during peak morning and afternoon traffic, that coincides with school pickup and dropoff times. In early 2022, staff conducted speed and volume data collection, and performed several field reviews of conditions on Rancho Vista Road. Staff found that while speeds were in range of the posted speed limit of 50 MPH, they are excessive for a roadway that runs adjacent to several schools and city facilities. While conducting the analysis of Rancho Vista Road, staff determined that the review of Pauba Road, from Ynez Road to Margarita Road, should also be considered due to similar speeding concerns received from residents and its similar roadway nature. To address concerns about excessive vehicular speeds, staff reviewed potential traffic calming measures that have been proven effective at other locations in the City. Due to the lower volumes, varying street widths, and varying lane configurations found on Rancho Vista Road and Pauba Road, a “Road Diet” striping adjustment is being considered as an appropriate alternative.

Rancho Vista Road is a sixty-four (64) foot wide secondary arterial providing access to numerous single-family residences west of Ynez Road. The posted speed limit on Rancho Vista Road, from Ynez Road to Margarita Road, is 50 MPH and the Average Daily Traffic (ADT) volume on is approximately 9,700 ADT.

Pauba Road is a sixty-four (64) foot wide secondary arterial providing access to numerous single-family residences west of Ynez Road. The posted speed limit on Pauba Road, from Ynez Road to Margarita Road, varies from 40 - 45 MPH and the Average Daily Traffic (ADT) volume on is approximately 11,600 ADT.

A conceptual “road diet” design is being put together by staff utilizing available striping alternatives such as buffered bike lanes and striped medians to visually reduce the width of the

roadway. The proposed striping design on Rancho Vista Road and Pauba Road would reduce traffic to one lane in each direction with turn lanes by utilizing striped medians, parking shoulders and bike lanes with buffer areas. In addition, appropriate signing, markings, and high visibility bike lane pavement legends would be implemented to enforce adjusted striping layout. Installation of these proposed improvements would be included with a future pavement rehabilitation project and a completed design would be brought before this commission at that time for consideration.

FISCAL IMPACT: Installation of striping and pavement markings are to be included in a future CIP Pavement Rehabilitation Program

ATTACHMENTS: None.