

**PUBLIC TRAFFIC/SAFETY COMMISSION  
AGENDA REPORT**

**TO:** Public/Traffic Safety Commission

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

**DATE:** December 9, 2021

**SUBJECT:** Carleton Way Traffic Calming

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**PREPARED BY:** Erick Escobedo, Associate Engineer II

**RECOMMENDATION:** That the Public/Traffic Safety Commission recommend staff implement advanced warning signs and centerline striping at the knuckle intersections of Carleton Way.

**BACKGROUND:** Staff received a request from the Promenade of Temecula HOA to evaluate the vehicular speeds and cut through traffic on Carleton Way and to consider traffic calming features to address these traffic concerns. The residents expressed concerns that excess speeding is occurring throughout the day in the neighborhood and noise levels have increased due to cut through traffic.

Carleton Way is a thirty-six (36) foot wide residential roadway that functions as a residential collector for the Promenade of Temecula residents to the arterial roadway network. The Average Daily Traffic (ADT) on Carleton Way is approximately 563 ADT. Carleton Way is currently posted at a prima facie speed limit of 25 MPH with signs and pavement legends.

Staff conducted a field review of Carleton Way and gathered vehicular speed and volume data along the street over a seven (7) day period with the Armadillo radar data collection device. The radar device was installed on a mid-block street light pole facing east for incoming westbound traffic and it also collected outbound eastbound traffic for Carleton Way. The device yielded the following results:

- The Incoming 85<sup>th</sup> percentile speed was 21 mph with ADT of 216.
- The Outbound 85<sup>th</sup> percentile speed was 22 mph with ADT of 347 vehicles.
- Combined ADT of 563 vehicles is well within the approx. range of 1,800 to 2,400 ADT of a residential collector, thus indicating no excess cut thru traffic.
- The speeds were 3-4 mph below the posted 25 mph speed limit.

Although speeding and cut through traffic were determined to not be an issue at this time, staff did notice vehicles making sharp turns and cutting through the knuckles to maintain higher speeds.

Staff recommends the following measures be implemented:

- Install centerline striping around the knuckle intersection (Exhibit B)
- Install advanced warning signs prior to entering knuckles (Exhibit B)

**FISCAL IMPACT:** None.

**ATTACHMENTS:** Exhibit A – Location Map  
Exhibit B – Knuckle Improvements