

**CITY OF TEMECULA
AGENDA REPORT**

TO: Public/Traffic Safety Commission

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

DATE: May 28, 2020

SUBJECT: Proposed Traffic Calming Measures at Harveston Drive

PREPARED BY: Ali Shahzad, Senior Traffic Engineer
Anissa Sharp, Office Specialist II

RECOMMENDATION: That the Public/Traffic Safety Commission:

1. Direct Staff to review and install crosswalk striping improvements with a RRFB and warning signs at a pedestrian path. The location will enable connectivity from the Harveston Center Sports Park to the Harveston Paseo Path (See Exhibit A);
2. Direct Staff to conduct a Warrant Analysis with traffic volume data collection for the feasibility of Stop Signs at the identified locations (See Exhibit B);
3. Provide direction to staff regarding proposed “Road Diet” narrowed lane striping depending on available budget (see Exhibits E – H).

BACKGROUND: The Public/Traffic Safety Commission considered a request to reduce vehicular speeds and provide right-of-way control and a safer pedestrian crossing. The Commission directed Staff to schedule a traffic calming study for the Harveston community, to discuss and develop traffic calming alternatives and to bring this item back for further discussion. The public has been notified of the Public/Traffic Safety Commission’s consideration of this issue through the agenda notification process.

Posted Speed Limits

The existing conditions for the Harveston community include 85th percentile prima facia speed limits adopted by City Council Ordinance 17-10. The fore mentioned ordinance established speeds at 25 MPH at the North loop, 30 MPH approaching the school north bound and 35 MPH at the South loop along Harveston Drive (See Exhibit C).

Existing and Proposed Signing & Striping

The original street striping plans were approved on August 28, 2002 and January 26, 2004 for the neighborhood with lane lines, bike lanes and median and left turn lane striping.

The effectiveness of reducing vehicular speeds by “Road Diet” narrowed lane striping has been proven on other streets in the City. The Traffic Engineering Department is proposing to narrow lanes by adding Bike Lane Buffers on the Harveston loop. A few concepts/sample exhibits are provided for three (3) locations:

1. Harveston Drive @ Augustine Place (just north of park/proposed RRFB location)
2. Harveston Drive @ Lakeview Drive
3. Harveston Drive @ Harveston School Road (fronting Ysabel Barnett Elementary)

The City’s Neighborhood Traffic Calming Program was established to address concerns in a two (2) stage process, which includes Stage 1, Education and Enforcement followed by Stage 2, Roadway Features. Staff will develop Stage 2 traffic calming alternatives, which may reduce vehicular speeds and provide some relief for crossing the street at the pedestrian path from the Harveston Community Park to the Harveston Lake Path for the residents.

It is understood that the implementation of this alternative is not likely to reduce vehicular volumes, but will significantly reduce vehicular speeds and may promote a safer crossing on Harveston Drive.

FISCAL IMPACT: To be determined based on selected alternatives.

ATTACHMENTS:

1. Exhibit A – Pedestrian Crossing and Path location
2. Exhibit B – Existing and Proposed Stop Signs on Harveston Drive
3. Exhibit C – Posted Speed Limit segments on Harveston Drive
4. Exhibit D – RRFB Pedestrian crossing
5. Exhibit E – Areas of Conceptual Bike Lanes
6. Exhibit F – Location 1
7. Exhibit G – Location 2
8. Exhibit H – Location 3