



City of Arts & Innovation

Transportation Board

TO: TRANSPORTATION BOARD **DATE: NOVEMBER 4, 2020**

FROM: PUBLIC WORKS DEPARTMENT **WARD: 4**

SUBJECT: SPEED LIMIT ZONE ESTABLISHMENT – GREEN ORCHARD PLACE

ISSUES:

Consideration of establishment of a 35 miles per hour (MPH) speed limit on Green Orchard Place from Crystal View Terrace to Kingdom Drive.

RECOMMENDATIONS:

That the Transportation Board recommend that the City Council adopt an ordinance to:

1. Establish a 35 miles per hour speed limit zone on Green Orchard Place from Crystal View Terrace to Kingdom Drive.

BACKGROUND:

The Public Works Department performs speed surveys to establish appropriate speed limits on City street segments including those classified as collector or arterial roadways and local roadways which do not meet the California Vehicle Code (CVC) definition of a “Residence District”. These surveys include consideration of prevailing speeds as determined by traffic engineering measurements, accident data, unusual conditions not readily apparent to motorists, residential density, and pedestrian and bicyclist safety. These surveys are performed in accordance with the CVC and California Manual on Uniform Traffic Control Devices (CA MUTCD) and enable both establishment and enforcement of the posted speed limit on City streets.

DISCUSSION:

Green Orchard Place is a two-lane collector roadway with residential properties fronting the road. Even though residential properties front the roadway, it does not have the residential density to meet the California Vehicle Code (CVC) definition of a residential district. To establish an enforceable speed limit, the Public Works Department conducted a Traffic and Engineering Survey on Green Orchard Place from Crystal View Terrace to Kingdom Drive, which concluded the current 85th percentile speed to be 38 MPH. As a result of the survey

findings, the Public Works Department is proposing establishment of a 35 MPH speed limit on Green Orchard Place from Crystal View Terrace to Kingdom Drive.

To supplement the proposed establishment of a posted speed limit, the Public Works Department is also recommending the installation of “35 MPH” pavement markings at key locations along Green Orchard Place to reinforce the speed limit and deter speed limit violations.

FISCAL IMPACT:

The cost to furnish and install the proposed signage and pavement markings is estimated to be \$1700. Funding is available in the existing Public Works Department budget, Signing Supplies account number 4110100-424143, to cover this cost.

Prepared by: Nathan Mustafa, P.E., T.E. AICP, City Traffic Engineer and Mobility Planning Manager

Approved by: Kris Martinez, Public Works Director

Attachments:

1. Site Map
2. Aerial Map