



City of Arts & Innovation

Transportation Board

TO: TRANSPORTATION BOARD **DATE: SEPTEMBER 6, 2017**

FROM: PUBLIC WORKS DEPARTMENT **WARDS: 1, 5 AND 6**

SUBJECT: SPEED LIMIT ZONE ESTABLISHMENTS AND REVISION – CITRUS STREET, CITRUS HEIGHTS DRIVE, AND HARRISON STREET

ISSUES:

Consideration of: 1) establishment of a 35 MPH speed limit zone on Citrus Street from 800' east of Iowa Avenue to the easterly City limits; 2) establishment of a 45 MPH speed limit zone on Citrus Heights Drive from Van Buren Boulevard to the westerly City limits; 3) revise the existing 35 MPH speed limit zone on Harrison Street north of Magnolia Avenue to change the northerly zone boundary; and 4) reduce the existing speed limit on Harrison Street from Garfield Street to California Avenue from 35 MPH to 30 MPH.

RECOMMENDATIONS:

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

1. Establish a 35 MPH speed limit zone on Citrus Street from 800' east of Iowa Avenue to the easterly City limits;
2. Establish a 45 MPH speed limit zone on Citrus Heights Drive from Van Buren Boulevard to the westerly City limits;
3. Change the boundaries of the existing 35 MPH speed limit zone on Harrison Street from "Magnolia Avenue to California Avenue" to "Magnolia Avenue to Garfield Street"; and
4. Reduce the existing speed limit on Harrison Street from Garfield Street to California Avenue from 35 MPH to 30 MPH.

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 roadway designated with a prima facie speed limit. 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 Manual on Uniform Traffic Control Devices (MUTCD) and enable both establishment and enforcement of the posted speed limit on many of our City streets.

DISCUSSION:

Citrus Street

Citrus Street east of Iowa Avenue is a two-lane collector street with commercial/industrial properties fronting the roadway. There is currently no adopted or posted speed limit for this segment of Citrus Street. A Traffic and Engineering Survey was conducted on Citrus Street from 800' east of Iowa Avenue to the easterly City limits which concluded the current 85th percentile speed to be 40 MPH. As a result of the survey findings and noted unusual conditions including commercial truck activity and segment of roadway without sidewalk improvements, the Public Works Department is proposing establishment of a 35 MPH speed limit on Citrus Street from 800' east of Iowa Avenue to the easterly City limits. The immediately adjacent segment of Citrus Street to the east is located within the County of Riverside and County Transportation has been consulted and concurs with the proposed 35 MPH speed limit zone establishment.

Citrus Heights Drive

Citrus Heights Drive from Van Buren Boulevard to the City limits is a new two-lane roadway which is currently fronted by undeveloped vacant lots. Roadway classification for this new stretch of road will be designated upon update of the City's General Plan. A Traffic and Engineering Survey was conducted on Citrus Heights Drive from Van Buren Boulevard to the westerly City Limits to determine the appropriate speed limit for this new corridor. Survey results concluded the current 85th percentile speed to be 52 MPH. As a result of the survey findings and noted unusual conditions including lack of street lighting and sidewalk improvements, and unexpected bicyclist activity, the Public Works Department is proposing establishments of a 45 MPH speed limit on Citrus Heights Drive from Van Buren Boulevard to the westerly City limits. The immediately adjacent segment of Citrus Heights Drive to the west is located within the County of Riverside and County Transportation has been consulted and concurs with the proposed 45 MPH speed limit zone establishment.

Harrison Street

Harrison Street from Magnolia Avenue to Garfield Street is a four-lane collector street with a combination of commercial properties, Riverside County Probation Department / Juvenile Hall, and multi-unit residential properties fronting the roadway which changes to two-lanes north of Garfield Street with single family residential and senior housing properties fronting. The current 35 MPH speed limit zone encompasses the entire stretch of Harrison Street between Magnolia Avenue and California Avenue, however, due to the upcoming expiration of the current survey on file the street segment was re-evaluated. Due to the change in roadway configuration and characteristics at Garfield Street, updated Traffic and Engineering Surveys were conducted on two separate segments of Harrison Street from Magnolia Avenue to Garfield Street and from Garfield Street to California Avenue, which concluded the current 85th percentile speeds to be 37 MPH and 36 MPH respectively. As a result of the survey findings the proposal also includes a change in the northerly boundary for the existing 35 MPH speed limit zone on Harrison Street from "California Avenue" to "Garfield Street" and establishment of a 30 MPH speed limit zone on Harrison Street from Garfield Street to California Avenue given noted unusual conditions including senior housing, segments without sidewalk improvements, and residential density.

FISCAL IMPACT:

The cost of sign fabrication, removal, and installation is estimated at \$1,100. Funding is available in the existing Public Works Department budget, Signing Supplies account number 4110100-424143, to cover this cost.

Prepared by: Gilbert Hernandez, P.E., T.E., City Traffic Engineer

Approved by: Kris Martinez, Public Works Director

1. Site Map – Citrus Street
2. Aerial Map – Citrus Street
3. Site Map – Citrus Heights Drive
4. Site Map – Harrison Street
5. Aerial Map – Harrison Street