



City of Arts & Innovation

Transportation Board

TO: TRANSPORTATION BOARD **DATE: OCTOBER 5, 2016**

FROM: PUBLIC WORKS DEPARTMENT **WARDS: 2 & 4**

SUBJECT: SPEED LIMIT ZONE ESTABLISHMENT – HIGHRIDGE STREET, LURIN AVENUE AND OLD 215 FRONTAGE ROAD

ISSUES:

Consideration of: 1) Establishment of a 25 MPH speed limit zone on Highridge Street from Washington Street to Golden Star Avenue; 2) Establishment of a 25 MPH speed limit zone on Lurin Avenue from Wood Road to Taft Street; 3) Establishment of a 30 MPH speed limit zone on Lurin Avenue from Barton Street to Wood Road; and, 4) Establishment of a 50 MPH speed limit zone on Old 215 Frontage Road southbound from Alessandro Boulevard to the northerly City limits.

RECOMMENDATIONS:

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

1. Establish a 25 MPH speed limit zone on Highridge Street from Washington Street to Golden Star Avenue;
2. Establish a 25 MPH speed limit zone on Lurin Avenue from Wood Road to Taft Street;
3. Establish a 30 MPH speed limit zone on Lurin Avenue from Barton Street to Wood Road; and,
4. Establish a 50 MPH speed limit zone on Old 215 Frontage Road southbound from Alessandro Boulevard to the northerly City limits.

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:

Highridge Street:

Highridge Street between Washington Street and Golden Star Avenue is a two-lane local roadway with no existing posted speed limit. Single family residential properties are situated along the roadway. As the street segment does not 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 Highridge Street from Washington Street to Golden Star Avenue to determine the appropriate speed limit. The survey concluded the current 85th percentile speed to be 27 MPH. As a result of the survey findings, the Public Works Department is proposing establishment of a 25 MPH speed limit.

Lurin Avenue:

Lurin Avenue between Wood Road and Taft Street is a two-lane local roadway with no existing posted speed limit. A mixture of single-family residential properties and vacant lots are positioned along the roadway. As the street segment does not 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 Lurin Avenue from Wood Road to Taft Street to determine the appropriate speed limit. The survey concluded the current 85th percentile speed to be 32 MPH. As a result of the survey findings and noted unusual conditions including variations in road width, predominant narrow road width, roadway slope, and segments with dirt shoulders and without sidewalk improvements, the Public Works Department is proposing establishment of a 25 MPH speed limit.

Lurin Avenue between Barton Street and Wood Road is also a two-lane local roadway with no existing posted speed limit. A mixture of single-family and commercial properties and vacant lots are positioned along this portion of the roadway. As the street segment does not 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 Lurin Avenue from Barton Street to Wood Road to determine the appropriate speed limit. The survey concluded the current 85th percentile speed to be 36 MPH. As a result of the survey findings and noted unusual conditions including variations in road width and segments with dirt shoulders and without sidewalk improvements, the Public Works Department is proposing establishment of a 30 MPH speed limit.

Old 215 Frontage Road Southbound:

Old 215 Frontage Road is a four-lane divided roadway with commercial properties and vacant lots fronting the street. The southbound lanes are within the City of Riverside and the northbound lanes are in the City of Moreno Valley. The entire segment of roadway is currently posted with a 50 MPH speed limit, however, there is no existing speed survey on file to support the posted speed limit for the southbound lanes within the City of Riverside jurisdiction. As a result, the Public Works Department conducted a Traffic and Engineering Survey to determine the appropriate speed limit. The survey concluded the current 85th percentile speed to be 52 MPH. As a result of the updated survey findings and in accordance with the survey on file with the City of Moreno Valley for the northbound lanes, the Public Works Department is proposing establishment of a 50 MPH speed limit zone on Old 215 Frontage Road Southbound from Alessandro Boulevard to the northerly City limits.

FISCAL IMPACT:

The cost of sign removal plus fabrication and installation of new signs is estimated at \$1,300.00. 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

Attachments:

1. Site Map – Highridge Street
2. Aerial Map – Highridge Street
3. Site Map – Lurin Avenue
4. Aerial Map – Lurin Avenue
5. Site Map – Old 215 Frontage Road Southbound
6. Aerial Map – Old 215 Frontage Road Southbound