



*City of Arts & Innovation*

# Transportation Board

**TO: TRANSPORTATION BOARD** **DATE: DECEMBER 7, 2016**  
**FROM: PUBLIC WORKS DEPARTMENT** **WARD: 5**  
**SUBJECT: FIRETHORN AVENUE – ESTABLISHMENT OF 5-TON WEIGHT LIMIT RESTRICTION**

**ISSUE:**

Consideration of establishment of a 5-ton weight limit restriction on Firethorn Avenue from the City limits to Irving Street.

**RECOMMENDATION:**

That the Transportation Board recommend that the City Council approve establishment of a 5-ton weight limit restriction on Firethorn Avenue from the City limits to Irving Street.

**BACKGROUND:**

The Public Works Department may establish weight limit or axle restrictions to prohibit use of select streets by larger commercial vehicles. These types of restrictions reduce commercial truck traffic on certain local, residential, and/or collector roadways by directing truck traffic onto arterial roadways. Weight limit restrictions assist in preserving the pavement and promoting safe use of streets which may have distinctive roadway conditions, are residential in nature, or experience cut-through truck traffic. Such restrictions do not prevent use for the purpose of delivering or picking up of materials/merchandise or the performance of services in connection with a property within the specific block.

**DISCUSSION:**

The Public Works Department is proposing establishment of a 5-ton weight limit restriction on Firethorn Avenue from the City limits to Irving Street due to the narrow, winding roadway configuration which makes it difficult for large trucks to traverse the street and sharp curve. The southerly portion of Firethorn Avenue including its intersection with Van Buren Boulevard is located within the County of Riverside. The City previously collaborated with the County of Riverside to install advance warning signs on Van Buren Boulevard approaching Firethorn Avenue cautioning larger trucks that use of Firethorn Avenue was not advised. Despite these warning signs, trucks continue to use Firethorn Avenue and larger trucks experience difficulty navigating the street.

As a result, the Public Works Department consulted the County of Riverside regarding the matter and the County supports the proposed 5-ton weight limit restriction and has agreed to remove the existing advisory signs on Van Buren Boulevard and replace them with signs

providing advance notice of the Firethorn Avenue 5-ton weight limit should the proposal be approved.

Implementation of the proposed 5-ton weight limit restriction would promote safer operations on Firethorn Avenue by limiting use of this narrow, winding roadway by larger trucks and keeping truck traffic on arterial roadways that are more appropriate for truck use including the connecting Van Buren Boulevard corridor.

**FISCAL IMPACT:**

The cost of sign installation is estimated to be \$213. Funding is available in the existing Public Works Department budget.

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

Approved by: Kris Martinez, Public Works Director

Attachments:

1. Site Map
2. Aerial Map