



City of Arts & Innovation

Transportation Board

TO: TRANSPORTATION BOARD **DATE: FEBRUARY 6, 2019**

FROM: PUBLIC WORKS DEPARTMENT **WARD: 1**

**SUBJECT: ALLEY BETWEEN MISSION INN AND UNIVERSITY AVENUES AND
ORANGE STREET AND THE MAIN STREET PEDESTRIAN MALL –
CONVERSION OF PORTION TO ONE-WAY TRAVEL**

ISSUE:

Consideration of conversion of the alley located between Mission Inn and University Avenues and Orange Street and the Main Street Pedestrian Mall from two-way traffic operations to one-way northbound travel only within the portion of the alley located north of the Imperial Hardware Lofts entrance driveway.

RECOMMENDATION:

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

1. Converting the alley located between Mission Inn and University Avenues and Orange Street and the Orange Street Pedestrian Mall from two-way traffic operations to one-way northbound travel only within the portion of the alley located north of the Imperial Hardware Lofts entrance driveway; and
2. Revising Section 10.76.020 of the Riverside Municipal Code to reflect the one-way northbound travel designation for the alley located between Mission Inn and University Avenues and Orange Street and Main Street Pedestrian Mall only within the portion of the alley located north of the Imperial Hardware Lofts entrance driveway.

BACKGROUND:

The Public Works Department can designate traffic on select roadways and alleyways within the City to move only in one direction. Streets or alleys specified for one-way travel are appropriately signed, striped, and/or marked to indicate the lawful direction of traffic movement. One-way streets and alleys are adopted into and reflected in the City's Municipal Code Section 10.76.020.

DISCUSSION:

In May 2015, the Public Works Department Traffic Engineering Division performed a review of the Traffic Impact Analysis (TIA) submitted for the proposed mixed-use Imperial Hardware Lofts (IHL) development project located on the northeast corner of University Avenue and Main Street. The project would entail construction of 8,841 square feet of retail space along with 91 apartment units. As part of the analysis, staff reviewed the alleyway just east of and immediately adjacent to the IHL building located between Mission Inn and University Avenues and Orange Street and the Main Street Pedestrian Mall. Post construction of the IHL building, the portion of the alley located to the north of the IHL entrance driveway would retain its narrow 14 foot width while the segment from the IHL entrance driveway southerly to University Avenue would be 20 feet in width. Due to the width and anticipated increased travel within the alleyway post completion of the IHL project, staff designated that the project conditions of approval would include contractor installation of required signs and pavement legends to convert the alleyway from the prior two-way travel operations to one-way northbound only north of the IHL entrance driveway as part of the construction project.

Additionally, due to constricted geometry, limited corner sight distance, and use of the alleyway north of the project by vehicles involved in loading and unloading activities for the nearby adjacent businesses, IHL was required to install an approved video feedback system. This video system enables motorists exiting the IHL parking garage to view the alleyway north of the IHL exit driveway to determine if the northerly portion of the alleyway is occupied allowing the driver to make the decision to turn right towards University Avenue to avoid any delays while commercial loading and unloading is occurring to the north.

Changing the vehicular travel path within the alley from two-way to one-way northbound only within the narrower portion of the alley north of the Imperial Hardware Lofts entrance driveway requires approval and adoption of an ordinance to officially specify this segment of the alleyway as northbound only travel.

FISCAL IMPACT:

Required sign and arrow legend improvements and the video feedback system to be implemented by the contractor in conjunction with the Imperial Hardware Lofts construction project at no cost to the City.

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Approved by: Kris Martinez, Public Works Director

Attachments:

1. Site Map
2. Aerial Map