



Transportation Advisory Board Report

Date: May 19, 2009
To: Transportation Advisory Board
From: Ravi Seera, Transportation Engineer
Subject: Left Turn Prohibition
48th Street at Superstition Ranch Market Private Driveway

Purpose and Recommendation

To help alleviate congestion and traffic backup on 48th Street and Main Street and to reduce the potential for conflicts with cross traffic at the driveway, staff recommends prohibiting eastbound left turns from the driveway of Superstition Ranch Market located on the west side of 48th Street with centerline approximately fifty five (55') feet south of Main Street. See Figure 1.

Background

The Superstition Ranch Market is located on the southwest corner of the intersection of Main Street and 48th Street. Forty Eighth Street adjacent to the Superstition Ranch Market is a 35-foot wide collector street with one travel lane in each direction and an exclusive northbound left turn lane. The posted speed limit is 25 mph and parking is prohibited.

The Ranch Market has two driveways on Main Street and one driveway on 48th Street. The driveway on the west side of 48th Street is approximately 55-feet south of Main Street. The driveways on Main Street are 460-feet and 225-feet west of 48th Street.

Staff received a request from a citizen to review the traffic conditions at this driveway. Staff monitored traffic conditions during the Ranch Market's peak hours of activity. Staff observed that many drivers making an eastbound left turn block cross traffic on 48th Street while waiting for the signal at Main Street to turn green. This causes congestion and traffic back up on 48th Street which then overflows onto Main Street. The traffic overflows obstruct eastbound through traffic and westbound left turning traffic on Main Street.

Staff contacted the Superstition Ranch Market to discuss the proposed turn prohibition. The owner of the Ranch Market informed staff that eastbound vehicles at this driveway also create congestion onsite during the peak hours of activity. The owner of the Ranch Market concurs with staff's recommendation to prohibit eastbound left turns from the driveway on 48th Street.

In order for Police to enforce the turn prohibition at this driveway, the left turn must be prohibited in City Code, and "No Left Turn" signs properly posted.

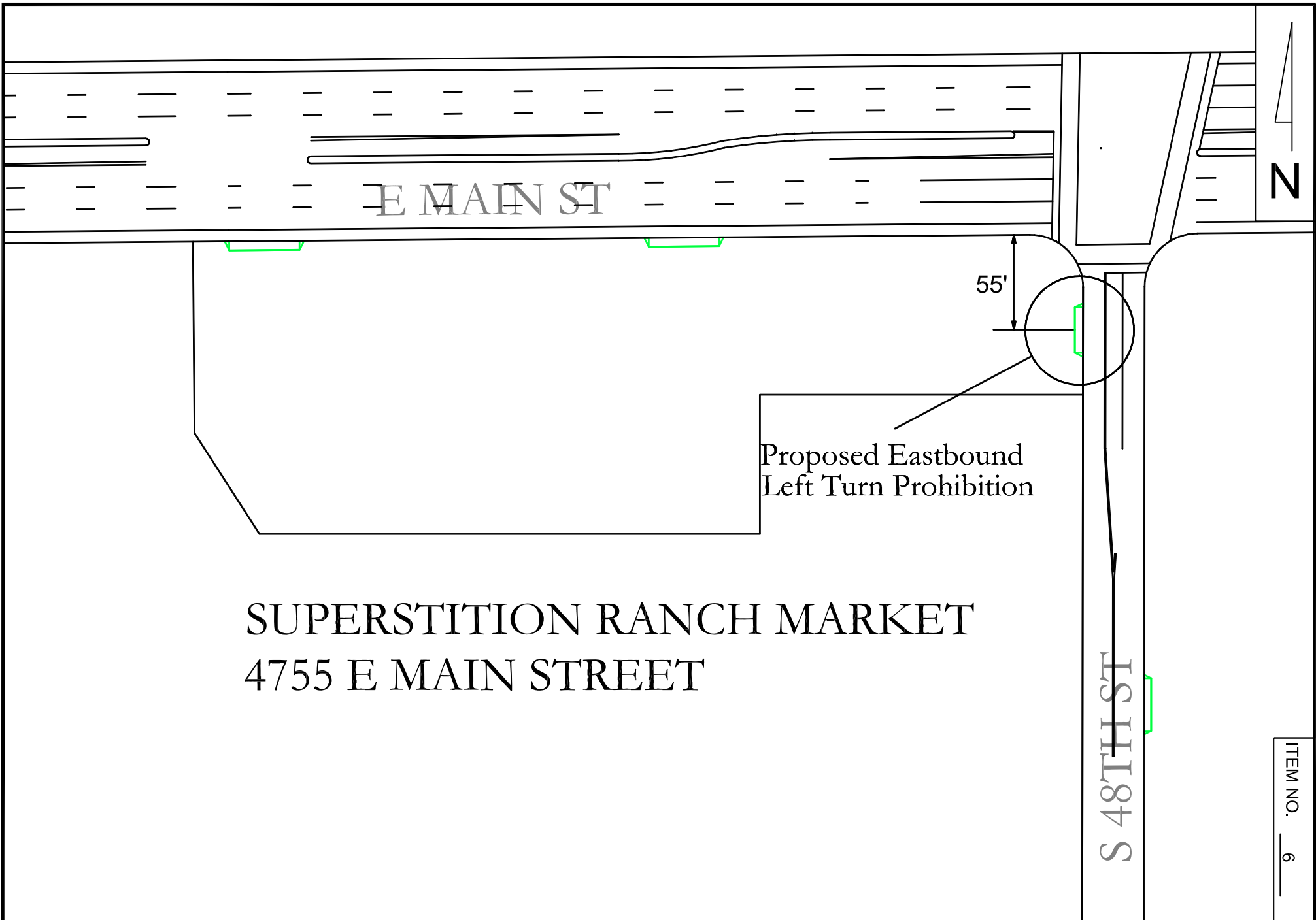
Alternatives

One alternative is not to approve the left turn prohibition. However, it would not address congestion and traffic backups on 48th Street and on Main Street or reduce the potential for conflicts with cross traffic at the driveway.

Fiscal Impact

A total of two signs will be required to prohibit eastbound left turns at a cost of approximately \$200.

Ravi Seera, Transportation Engineer



SUPERSTITION RANCH MARKET
4755 E MAIN STREET

ITEM NO. 6