

AGENDA DOCUMENTATION

DATE: JUNE 23, 2016

TO: TRAFFIC AND PARKING COMMISSION

FROM: TRANSPORTATION ENGINEERING DIVISION

SUBJECT: **ITEM 5**

DISCUSSION AND POSSIBLE ACTION REGARDING THE INSTALLATION OF SPEED CUSHIONS ON 15TH STREET BETWEEN OAKLEY BOULEVARD AND CHARLESTON BOULEVARD (Ward 3 – Coffin)

SITUATION

The Transportation Engineering Division had a request to install speed humps on 15th Street between Oakley Boulevard and Charleston Boulevard. The Fire Department identified 15th Street as a primary response route for emergency vehicles, and the City of Las Vegas Fire Code prohibits the installation of speed humps on emergency routes. Since 15th Street is a primary emergency response route, the Fire Department prohibited speed humps on this street. As a trial measure, we installed a rubberized speed cushion on 15th Street south of Francis Avenue in March 2016. The Fire Department has no objection to this speed cushion as the tires of their emergency vehicles can fit between the sections of the cushion. Traffic studies conducted on 15th Street showed a significant decrease in speeding since the speed cushion was installed as the 85th percentile speed went from 55 mph to 34 mph. The studies showed there were 1653 vehicles per day traveling the street; 800 vehicles per day are needed to meet the criteria. The street accumulated 64 points; 40 points are needed to meet the criteria.

A survey was sent to the property owners on 15th Street to see if they were in favor of leaving the speed cushion in place and if they would like more installed. The survey was:

- sent to 57 property owners, and
- received back from 13 with responses of:
 - 10 in favor of the speed cushion and wanting more installed, and
 - 3 in favor of leaving the present speed cushion but not installing more.

The speed cushion in place on 15th Street south of Francis Avenue was installed by City crews. Because of the time involved in the installation, staff requested an estimate from an outside contractor for installing three more sets of speed cushions should more be approved. The contractor's price is \$13,600 for materials and \$5685 for labor, for an average cost per speed cushion of \$6500, compared to a traditional speed hump's cost of \$3000 each.

RECOMMENDATION

The Transportation Engineering Division recommends denial of the installation of more speed cushions as only 10 out of the 57 property owners surveyed responded.