

AGENDA DOCUMENTATION

DATE: JUNE 23, 2016

TO: TRAFFIC AND PARKING COMMISSION

FROM: TRANSPORTATION ENGINEERING DIVISION

SUBJECT: ITEM 7

DISCUSSION FOR POSSIBLE ACTION TO CHANGE THE SPEED LIMIT
ON DURANGO DRIVE BETWEEN TROPICAL PARKWAY AND US95
FROM 45MPH TO 40MPH (Ward 6 – Ross)

SITUATION

The Transportation Engineering Division would like to change the speed limit on Durango Drive between Tropical Parkway and US95 from 45 mph to 40 mph. The Federal Highway Administration's Office of Safety developed an updated web-based tool called USLIMITS2 to aid in the evaluation and setting of speed limits. USLIMITS2 assists traffic engineers in the setting of speed limits for specific sections of roadway based on its characteristics in an effort to reduce speeding-related fatalities and serious injuries. The program was developed based on past studies and logic systems for evaluation of speed limits. It also was developed based on surveys and input from traffic engineers, enforcement personnel, decision makers, and researchers from across the country. The USLIMITS2 program was released in 2012 and is available at the following website: <http://safety.fhwa.dot.gov/uslimits/>. Characteristics that are used in the evaluation of the speed limit for a corridor using USLIMITS2 include the following:

- 50th Percentile Speed
- 85th Percentile Speed
- Average Annual Daily Traffic
- Crash Rates
- Pedestrian and Bicycle Activity
- Presence of On-Street Parking
- Number of Driveways
- Number of Signalized intersections
- Area Type
- Roadway Geometry / Adverse Alignment

Attached is the result of the study conducted by staff on Durango Drive between Tropical Parkway and US95. Based on this study, staff recommends changing the speed limit from 45 mph to 40 mph.

RECOMMENDATION

The Transportation Engineering Division recommends changing the speed limit from 45 to 40 mph based on the USLIMITS2 evaluation program.