



MEMORANDUM

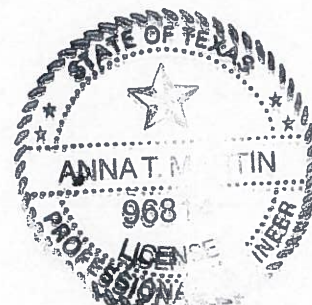
To: Traffic Study Files

From: Anna Martin, P.E., PTOE, South Area Engineer
Austin Transportation Department

Date: July 14, 2015

Subject: SPEED ZONE INVESTIGATION

Location: Airport Commerce Drive- Bastrop Highway Southbound Ramp to Ben White Boulevard to East Riverside Drive



Anna Martin
7-14-15

Date(s) of Previous Investigation: N/A

A Traffic Engineering Investigation has been conducted by this Division to determine the posted speed limit on Airport Commerce Drive from Bastrop Highway Southbound Ramp to Ben White Boulevard to East Riverside Drive. (See Figure 1) The following information was collected and analyzed.

Speed/ Volume Data Collected:

Block Number	Street Segment	Existing Speed Limit	85% Percentile Speed		Traffic Volumes
			NB	SB	
1600	North of John Glenn Drive	None	45.2 mph	43.2 mph	NB-628 SB-790

General Comments:

Airport Commerce Drive functions as a four-lane divided industrial/commercial collector from Bastrop Highway Southbound Ramp to Ben White Boulevard to East Riverside Drive. There is no posted speed limit on Airport Commerce Drive. Sidewalks are present on the west side of Airport Commerce Drive from Bastrop Highway Southbound Ramp to approximately 93 feet south of John Glenn Way. There are two other sections of sidewalk on the east side, one section is approximately 345 feet long and the second section is approximately 250 feet long. Both of the sections on the east side are in front of the two existing hotels. Development along Airport Commerce Drive immediately west of Bastrop Highway Southbound ramp to Ben White Boulevard is industrial/commercial and the remaining property is currently undeveloped.

There is no posted speed limit on Airport Commerce Drive between Bastrop Highway Southbound Ramp to Ben White Boulevard and East Riverside Drive. The analysis of the speed data indicates that the 85th percentile speed along Airport Commerce Drive is 45 mph and 43 mph for northbound and southbound, respectively. Due to the functionality of Airport Commerce Drive as industrial/commercial collector street, the geometric alignment (curves) and commercial development, a 40 mph speed limit is recommended.

Based on the analysis of this information, it is my engineering judgment that the speed limit on **Airport Commerce Drive from Bastrop Southbound Ramp to Ben White Boulevard to East Riverside Drive** should be **40** miles per hour.