

ORDINANCE NO. 20160818-067

AN ORDINANCE AMENDING CITY CODE SECTION 12-4-64(D) TO ESTABLISH A MAXIMUM SPEED LIMIT OF 40 MILES PER HOUR ON A PORTION OF PEARSON RANCH ROAD.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

PART 1. City Code Section 12-4-64(D) (*Table of Speed Limits*) is amended to add:

Pearson Ranch Road from Avery Ranch Boulevard to 28 feet south of Iveans Way (Austin City Limit). (40 mph)

PART 2. The amendments made in this ordinance are based on the results of a traffic engineering investigation, or "speed study," attached as Exhibit "A".

PART 3. The amendments made in this ordinance shall be incorporated in alphabetical order and the existing entries reordered accordingly.

PART 4. This ordinance takes effect on August 29, 2016.

PASSED AND APPROVED

_____, August 18, 2016

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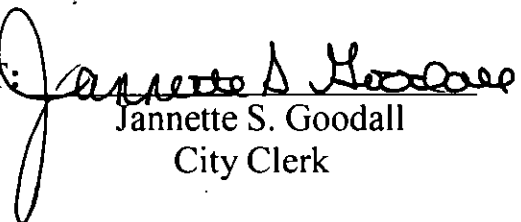
Steve Adler
Mayor

APPROVED:



Anne L. Morgan
City Attorney

ATTEST:



Jannette S. Goodall
City Clerk

EXHIBIT A



MEMORANDUM

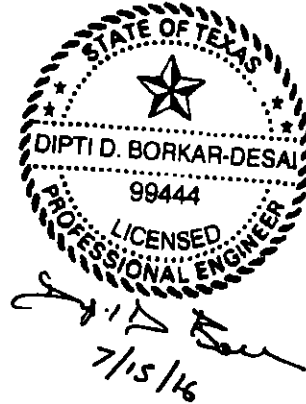
To: Traffic Study Files

From: Dipti Borkar-Desai, P.E., North Area Engineer
Traffic Engineering Division
Austin Transportation Department

Date: July 15, 2016

Subject: SPEED ZONE INVESTIGATION

Location: Pearson Ranch Road from Avery Ranch Boulevard to 28 feet south of Iveans Way (Austin City Limit).



Date(s) of Previous Investigation: N/A

A Traffic Engineering Investigation has been conducted by the Traffic Engineering Division to determine the posted speed limit on Pearson Ranch Road from Avery Ranch Boulevard to 28 feet south of Iveans Way (Austin City Limit) in accordance with the Texas Procedures for Establishing Speed Zones, 2006 (see Figure 1).

General Conditions:

Pearson Ranch Road functions as a four-lane median divided collector from Avery Ranch Boulevard to approximately 1,300 feet south of Avery Ranch Boulevard and transitions into an undivided two-lane road in the remaining section. This two-lane cross section is planned to be widened to a four-lane divided cross section in the near future.

The adjoining property is currently vacant with two construction accesses off Pearson Ranch Road, north of Iveans Way. There is a continuous sidewalk on the east side of Pearson Ranch Road while the sidewalk on the west side ends approximately 2,380 feet south of Avery Ranch Boulevard.

The Elsa England Elementary School is located on Pearson Ranch Road, south of Iveans Way. This section of Pearson Ranch Road fronting the school is under Williamson County jurisdiction. The school is accessed by two driveways. One of these driveways aligns with Iveans Way at its intersection with Pearson Ranch Road.

Speed / Volume Data Collected:

Speed and volume data were collected in May 2016 to determine the appropriate posted speed limit for the study segment.

Block Number	Street Segment	Existing Speed Limit	85% Percentile Speed		Daily Traffic Volumes
			NB	SB	
9400	South of Avery Ranch Boulevard (Four-lane Section)	None	47.3 mph	45.8 mph	NB-852 SB-990
8900	North of Iveans Way	None	38.7 mph	38.2 mph	NB-876 SB-955

Crash Data

Austin Police Department's crash database was reviewed to analyze documented crashes along the study segment within the past two years. There were no documented crashes during this period.

Recommendation

The analysis of the speed data indicates that the 85th percentile speed along Pearson Ranch Road is between 38.2 and 47.3 mph in the section from Avery Ranch Boulevard to Iveans Way.

Due to the functionality of Pearson Ranch Road as a collector street with traffic comprising of school buses and vehicles accessing the school, a speed limit greater than 40 mph is not recommended.

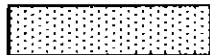
Based on the analysis of this information, it is my engineering judgment that the speed limit on Pearson Ranch Road from Avery Ranch Boulevard to 28 feet south of Iveans Way should be 40 miles per hour.

Existing

Avery Ranch Boulevard

Iveans Way

Austin City Limit



Not Posted

Proposed

Avery Ranch Boulevard

Iveans Way

Austin City Limit



40 mph

