



**Establish Speed Limits
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA ITEM NO.: 22
AGENDA DATE: Thu 10/28/2004
PAGE: 1 of 1

SUBJECT: Approve an ordinance amending Section 12-4-42 of the City Code by adding Pond Springs Road from U.S. Highway 183 Service Road Northbound to Hunters Chase Drive to the list of streets having a maximum speed limit of 40 miles per hour; and amending Section 12-4-63 of the City Code by adding Bull Run from Mustang Chase to 655 feet west of Mustang Chase to the list of streets having a maximum speed limit of 20 miles per hour during certain times for Davis Elementary School.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$600 is available in Fiscal Year 2004-2005 Approved Operating Budget of the Public Works Department for the installation of necessary signs.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

REQUESTING Public Works
DEPARTMENT:

DIRECTOR'S
AUTHORIZATION: Sondra Creighton

FOR MORE INFORMATION CONTACT: Samileh Mozafari, 974-7010; Herb Klaus, 974-7018;
Laura Bohl, 974-7064

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: N/A

In order to modify or alter the existing *prima facie* speed limit of a street, the Texas Traffic Laws require that a traffic engineering investigation be performed. The investigation was conducted by the Public Works Department in accordance with the procedures specified in the Texas Procedures for Establishing Speed Zones, 1997. The study was initiated in order to establish the speed limit on Pond Springs Road between U.S. Highway 183 Service Road Northbound and Hunters Chase Drive due to its annexation into the City of Austin. As a result of this investigation the Transportation Division of the Public Works Department recommends the following.

Amendments to Code Section 12-4-42 (40 MPH Speed Limit)

Add: Pond Springs Road from U.S. Highway 183 Service Road Northbound to Hunters Chase Drive.

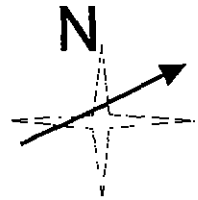
The Transportation Division of the Public Works Department has completed an investigation on Bull Run adjacent to Davis Elementary School. Traffic volumes, speeds and pedestrian volumes and patterns were evaluated in order to determine what modification, if any, could be made to improve the safety of the students attending Davis Elementary School. As a result of this investigation, the Transportation Division recommends installing a school zone on Bull Run.

Amendment to Code Section 12-4-63 (20 MPH School Zone):

Add: Bull Run from Mustang Chase to 655 feet west of Mustang Chase (Davis Elementary School)

EXISTING

PROPOSED



West Cow Path

West Cow Path

Bull Run

Bull Run

655 feet

West of
Mustang Chase

Mustang Chase

Mustang Chase



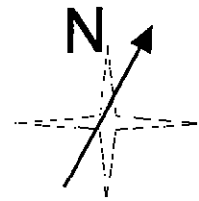
30 MPH



20 MPH During Certain Times

EXISTING

PROPOSED



Hunters Chase Dr.

Hunters Chase Dr.

Pond Springs Rd

Pond Springs Rd

San Felipe Blvd.

San Felipe Blvd

US HWY 183 Svc Rd NB

US HWY 183 Svc Rd NB

40 MPH



(Established by Williamson
County Prior to Annexation)

40 MPH



Transportation, Planning and Sustainability Department
Speed Zone Map
Pond Springs Road



MEMORANDUM

To: Traffic Study Files

From: Samileh Mozafari, P.E., North Area Supervisor
Transportation Division
Transportation, Planning and Sustainability Department

Date: 9/13/04

Subject: SPEED ZONE INVESTIGATION

Location: Pond Springs Road – U.S. Hwy 183 Service Road NB to Hunters Chase Drive

Date(s) of Previous Investigation: NONE found

A Traffic Engineering Investigation has been conducted by this Division to determine the posted speed limit on **Pond Springs Road from U.S. Hwy 183 Service Road NB to Hunters Chase Drive** (See Figure 1). The following information was collected and analyzed.

Speed / Volume Data Collected:

Block Number	Street Segment	Existing Speed Limit	85% Speed		Traffic Volumes
			NB	SB	
12800 - 12900	U.S. Hwy 183 SVC RD NB to San Felipe Boulevard	Posted 40 mph*	42	44	11402
13000	San Felipe Boulevard to Hunters Chase Drive	Posted 40 mph*	42	43	13921

* Installed by Williamson County prior to annexation of this area.

NOTE: Current speed limit to the north of the study area is 40 mph.
Current speed limit to the south of the study area is none (terminates at U.S. Hwy 183).

Investigation prepared by:

Herb Klaus


Engineering Technician

9/13/04
Date

General Comments:

Pond Springs Road is a rural type roadway without curb and gutter. Pond Springs Road has a curve just east of the intersection with U.S. Hwy 183 Service Road Northbound.

Based on the analysis of this information, it is my engineering judgment that the speed limit on Pond Springs Road from U.S. Highway 183 Service Road NB to Hunters Chase Drive should be 40 miles per hour.

Respectfully submitted,



Samileh Mozafari, P.E., North Area Supervisor
Transportation Division

TRANSPORTATION, PLANNING AND SUSTAINABILITY DEPARTMENT

Comments		
Roadside Development	Apartments Commercial	
Accidents (attach summary if >5)	①	
Advisory Speeds (see attached ball bank form)	N/A	
Recommended Speed Zones	40 MPH	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Toward</p> <p>Hunter's Chase</p> </div> <div style="text-align: center;"> <p>Roadway</p> <p>Pond Springs Rd</p> </div> <div style="text-align: center;"> <p>Toward</p> <p>US Hwy 183 Suck Rd NB</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;"> 41.5 60-64 6352 </div> <div style="border: 1px solid black; padding: 5px;"> 42.2 60-64 5267 </div> </div> <p>San Felipe 1160</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;"> 43.4 60-64 7569 </div> <div style="border: 1px solid black; padding: 5px;"> 43.7 55-59 6135 </div> </div> <p> PC 2110 PT 2260 Rosaire Blvd N45E 2470 </p>	
Recommended Speed Zones	40 MPH	
Advisory Speeds (see attached ball bank form)	N/A	
Accidents (attach summary if >5)	①	
Roadside Development	Commercial	
Comments		

SPEED ZONE MAP

- xx

xx

xxx

85th Percentile Speed

Top Speed Measured

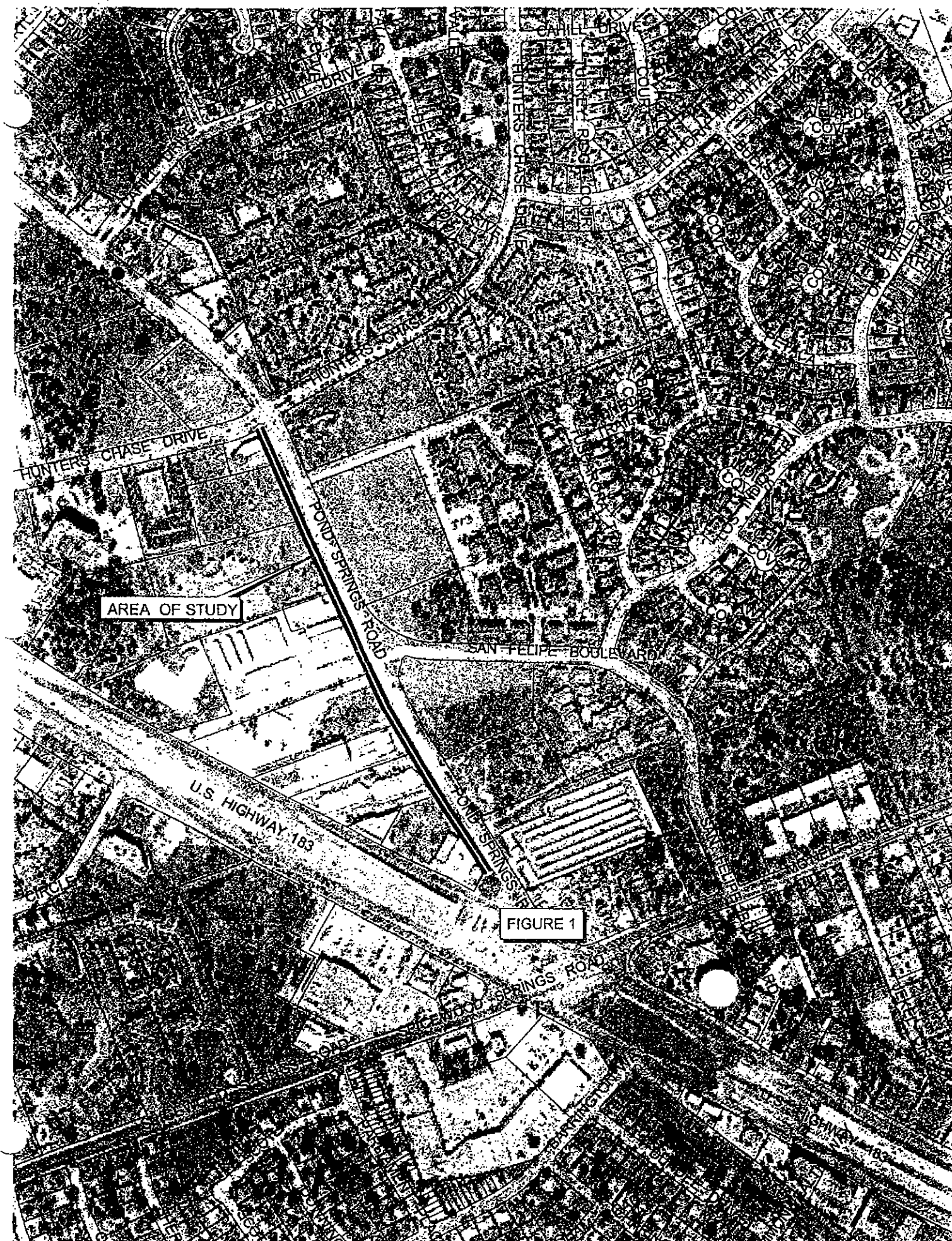
Number of Vehicles Checked

○ Mid Block Accident

○ Intersection Accident

--- Match Line

Scale 1" = 400'



AREA OF STUDY

FIGURE 1