



MEMORANDUM

To: Traffic Study Files

From: Anna Martin, P.E., PTOE
South Area Supervisor
Traffic Engineering Division
Austin Transportation Department

Date: May 21, 2015

Subject: Reduced Speed School Zone Investigation

Location: Homedale Drive

Date(s) of Previous Investigation: None



Anna Martin
5-21-14

A traffic engineering investigation has been conducted to determine if a reduced speed school zone should be installed on Homedale Drive near Barton Hills Elementary School for students attending this facility.

The following information was collected and analyzed for this determination.

Proximity of the School Crossing to the School

The proposed school zone is located on Homedale Drive which is a roadway adjacent to Barton Hills Elementary School, for a length of approximately 700 feet.

Pedestrian Count

On February 26, 2015, 40 pedestrians were observed walking along Homedale Drive between 2:30PM and 3:30PM along a rough slope where no sidewalk is present. Pedestrians also frequently walked in the street to access parked cars or to enter the Barton Creek Greenbelt.

Existing Roadway Conditions

Homedale Road is a 30' wide 2-lane undivided roadway between Barton Hills Drive and Briarcrest Drive. The posted speed limit is currently 25 mph. The school is located along the east

side of Homedale Drive and single-family homes abut the west side. Public access to the Barton Creek Greenbelt is also located on the west side of Homedale Road.

Presence of Adult Crossing Guard or Student Safety Patrol

The City's Child Safety Program provides crossing guards on Barton Hills Drive at the main entrance to the school. No guard or patrol currently works along Homedale Drive.

Crash History

Austin Police Department's crash database was reviewed for crashes on Homedale Drive adjacent to the school from 2012 to the present. No crashes were reported during this time period.

Sidewalks and Ramps

There are currently no sidewalks present along this roadway with the exception of a short segment on the east side near Barton Hills Road.

Recommendation

Based on the analysis of this information, it is my engineering judgment that a reduced speed school zone of 20 miles per hour be installed for a length of approximately 700 feet on Homedale Drive between Barton Hills Drive and Briarcrest Drive.