

EXHIBIT B



MEMORANDUM

To: Traffic Study Files

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

Date: April 13, 2012

Subject: Reduced Speed School Zone Investigation

Location: West Gate Boulevard and Cohoba Drive

E. Bollich
4/13/12

Date(s) of Previous Investigation: None

A Traffic Engineering Investigation has been conducted by this department to determine if a Reduced Speed School Zone should be installed on West Gate Boulevard near Cohoba Drive. Figure 1 presents a map of the study area.

The following information was collected and analyzed for this determination.

Proximity of the School Crossing to the School

The proposed school crossing at the intersection of West Gate Boulevard and Cohoba Drive is located approximately 1000 feet southwest of Cowan Elementary School. School property abuts the east side of West Gate Boulevard between Davis Lane and approximately 130 feet north of Cohoba Drive. The extension of West Gate Boulevard between Davis Lane and Cohoba Drive was opened in March 2012; no pedestrian facilities (ramps, median breaks, crosswalks) are provided along this segment of roadway extension.

Pedestrian Count

Location	Date	Time	Volume	Approx. Age
Crossing West Gate Boulevard at Cohoba Drive	3/22/12	2:30 PM – 3:30 PM	17	10 children under 12 years; 7 adults
Crossing Cohoba Drive at West Gate Boulevard	3/22/12	2:30 PM – 3:30 PM	15	14 children under 12 years; 1 adult

Existing Roadway Conditions

Location	Type of Controls	ADT Two Way	Posted Speed Limit	Street Width
West Gate Boulevard	Uncontrolled	3228	30 MPH	60 feet
Cohoba Drive	Stop	N/A	25 MPH	36 feet

Presence of Adult Crossing Guard or Student Safety Patrol

The City's Child Safety Program has committed an adult crossing guard at this crossing if a school zone is established. No guard or patrol currently works this crossing.

Crash History

Austin Police Department's crash database was culled for crashes near the study intersection between March 2007 and March 2012.

Type	Number at Intersection	Number Mid-Block
Pedestrian-Vehicle Crashes	0	0
Vehicle-Vehicle Crashes	2	0

Sight Distance

Approximately 800 feet of unobstructed views are provided looking north and south on West Gate Boulevard from Cohoba Drive.

Sidewalks

Sidewalks exist along both curblines of West Gate Boulevard for the entirety of the street. Sidewalks exist along the north curbline of Cohoba Drive for the entirety of the street and along the south curbline between West Gate Boulevard and Sanford Drive.

Other

Before the completion of the roadway extension, West Gate Boulevard terminated at Cohoba Drive, forming a "T" intersection. Pedestrians now face more conflicts with traffic in crossing West Gate Boulevard. The proposed school zone would allow all pedestrians west of West Gate Boulevard to cross at a single location (Cohoba Drive) with the assistance of an adult crossing guard.

Sidewalks exist along both curblines of West Gate Boulevard for the entirety of the street. Sidewalks exist along the north curbline of Cohoba Drive for the entirety of the street and along the south.

Based on the analysis of this information, it is my engineering judgment that a Reduced Speed School Zone of 20 mph when flashing on West Gate Boulevard should be installed from 165 north of Cohoba Drive to 230 feet south of Cohoba Drive.

Respectfully submitted,

Eric Bollich, P.E., PTOE,
South Area Supervisor
Traffic Engineering Division

AUSTIN TRANSPORTATION DEPARTMENT



ATD

West Gate Blvd.@ Cohoba Dr. school zone (Cowan Elem. School)



Location Map