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County Engineer



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**Williamson County
Unified Road System**

To: Williamson County Commissioners' Court
From: Joe M. England P.E., County Engineer
Date: May 26, 2011
**Subject: Proposed Speed Limit on
Sanaloma Drive**



According to the 2006 edition of the Texas Manual on Uniform Traffic Control Devices the following factors should form the basis of an engineering and traffic investigation for determining the proper numerical value for a speed zone. The factors are as follows:

When a speed limit is to be posted, it should be within 5 mph of the 85th-percentile speed of free-flowing traffic.

Option:

Other factors that may be considered when establishing speed limits are the following:

- A. Road characteristics, shoulder condition, grade, alignment, and sight distance;
- B. The pace speed;
- C. Roadside development and environment;
- D. Parking practices and pedestrian activity; and
- E. Reported crash experience for at least a 12-month period.

Upon my field investigation, I found that the section of Sanaloma Drive from Airport Road to Sierra Drive consist of a rural street design within a suburban residential environment with a currently posted speed limit of 20 MPH.

May 26, 2011

Page Two

The section of Sanaloma Drive from Airport Road to Sierra Drive consist of approximately 50 feet of right-of-way (ROW), a two lane undivided section. The grade is flat with severe horizontal curves. There is roadside development and culture (limited commercial and suburban residential) which generates roadside friction. There is some parking within the right-of-way. There is pedestrian activity. To this date, I have no accident information for the last 12-month period that would dictate any certain speed limit.

Four speed studies were conducted from October 14 to October 15, 2010 on the section of Sanaloma Drive from Airport Road to Sierra Drive. The result of these studies shows an 85% speed of 30 MPH. The 10 MPH pace speed was a range of 21-30.

The pace speeds would indicate a proposed posting of either 25 or 30 MPH with the 85% suggesting the upper limit of this range. Due to the roadside development, the pedestrian activity, and the severe horizontal curves, we should consider the lower limit of this range. With these factors in mind, it is my professional opinion that a posting of 25 MPH is proper for the section of Sanaloma Drive from Airport Road to Sierra Drive.

Site Code: 3205 Sana Loma
Station ID:

[illegible]

Joe England

From: mmiller@georgetowntx.org
Sent: Friday, December 10, 2004 8:57 AM
To: Joe England
Cc: dmunk@georgetowntx.org; epolasek@georgetowntx.org; tbenz@georgetowntx.org
Subject: Re: Westinghouse Road improvements

looks like Thursday is not good for Ed. Also include David Munk; Ed tells me David is doing a TIA for Terra Vista that will make some changes.

----- Forwarded by Mark Miller/City of Georgetown on 12/10/2004 08:54 AM

Ed Polasek
of Georgetown
12/10/2004 08:06 AM
improvements(Document link: Mark Miller)

To: Mark Miller/City of Georgetown@City
cc:
Subject: Re: Westinghouse Road

Anytime Monday thru Wednesday.
Ed

Edward G. Polasek, AICP
Planning and Development
City of Georgetown
(512) 930-2544
<http://www.georgetown.org/>

Mark Miller
of Georgetown, Tom Benz/City of
12/08/2004 11:26 AM

To: Ed Polasek/City of Georgetown@City
Georgetown@City of Georgetown
cc:
Subject: Westinghouse Road improvements

Joe England would like to schedule a meeting next week to talk about a proposal for Westinghouse Road Improvement project. Tuesday mornings are not good. Let me know (asap)a few good times, I will forward them to Joe and he will set something up for County, State and City participation. The meeting will be here.