

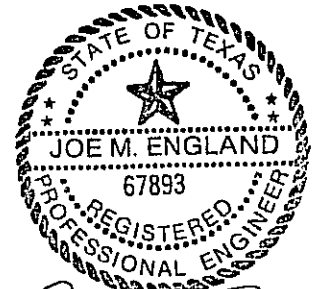
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Williamson County  
Unified Road System

To: Williamson County Commissioners' Court  
From: Joe M. England P.E., County Engineer  
Date: November 5, 2009  
Subject: Proposed Stop Sign Relocation at  
County Road 101 and County Road 394/368



*Joe M. England*  
11/5/09

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According to Section 2B.05 *STOP Sign Applications* as found in the 2006 edition of the Texas Manual on Uniform Traffic Control Devices (TxMUTCD), once the decision has been made to install two-way stop control, the decision regarding the appropriate street to stop should be based on engineering judgment. In most cases, the street carrying the lowest volume of traffic should be stopped. A STOP sign should not be installed on the major street unless justified by a traffic engineering study.

A volume study was conducted from September 16 to September 17, 2009 at this intersection. The result of this study is attached to this memorandum. The study concluded that the majority of the total volume approaching this intersection is on County Road 394/368. Based upon this data and the TxMUTCD, it is my professional recommendation that the existing yield signs on County Road 394/368 be removed and replaced with stop signs on County Road 101.

Number	Date	Time	CR 101 SB	CR 101 NB	CR 101 TOTAL	CR 368 WB	CR 394 EB	CR 368/394 TOTAL
1	9/16/2009	03:00 PM	44	36	80	88	96	184
2	9/16/2009	04:00 PM	40	16	56	94	118	212
3	9/16/2009	05:00 PM	32	23	55	88	108	196
4	9/16/2009	06:00 PM	16	23	39	58	50	108
5	9/16/2009	07:00 PM	6	10	16	31	28	59
6	9/16/2009	08:00 PM	10	3	13	28	30	58
7	9/16/2009	09:00 PM	2	4	6	14	14	28
8	9/16/2009	10:00 PM	0	0	0	2	2	4
9	9/16/2009	11:00 PM	0	0	0	2	0	2
10	9/17/2009	12:00 AM	0	0	0	3	3	6
11	9/17/2009	01:00 AM	0	0	0	2	1	3
12	9/17/2009	02:00 AM	0	0	0	2	2	4
13	9/17/2009	03:00 AM	3	7	10	4	5	9
14	9/17/2009	04:00 AM	1	1	2	10	9	19
15	9/17/2009	05:00 AM	15	2	17	26	30	56
16	9/17/2009	06:00 AM	40	32	72	112	118	230
17	9/17/2009	07:00 AM	32	18	50	67	62	129
18	9/17/2009	08:00 AM	16	10	26	38	41	79
19	9/17/2009	09:00 AM	8	6	14	38	46	84
20	9/17/2009	10:00 AM	14	18	32	41	44	85
21	9/17/2009	11:00 AM	24	20	44	42	51	93
22	9/17/2009	12:00 PM	18	22	40	48	39	87
23	9/17/2009	01:00 PM	10	7	17	45	44	89
24	9/17/2009	02:00 PM	15	20	35	65	60	125
		TOTAL	346	278	624	948	1001	1949

Place stop sign on CR 368/394