



MEMORANDUM

TEXAS DEPARTMENT
OF TRANSPORTATION

2013 MAR -1 AM 9:22

TO: Mario Medina, P.E.
Attention: Julie Brown, P.E.

DATE: February 22, 2013

FROM: William E. Knowles, P.E.

SUBJECT: Traffic Data
CSJs: 1739-03-009 & 1739-04-009
FM 791:
From US 281A
To SH 16
Atascosa & McMullen Counties

Attached is a tabulation showing traffic analysis for highway design for the 2013 to 2033 twenty year design period for the specified limits of the route. Also included is a tabulation showing data for use in air and noise analysis.

Please refer to your original memorandum dated January 18, 2013.

If you have any questions or need additional information, please contact George Petrek at (512) 486-5140.

Attachment

cc: Lorri Pavliska, SAT
Design Division

A handwritten signature in black ink, appearing to read "William E. Knowles".

TRAFFIC ANALYSIS FOR HIGHWAY DESIGN

San Antonio District

February 19, 2013

									Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 20 Year Period (2013 to 2033)			
Description of Location	Average Daily Traffic		Base Year				ATHWLD	Percent Tandem Axles in ATHWLD	Flexible Pavement	S N	Rigid Pavement	SLAB
	2013	2033	Dir Dist %	K Factor	Percent Trucks							
					ADT	DHV						
FM 791 From US 281A To SH 16 Atascosa County	1,100	2,000	53 - 47	10.6	33.3	25.0	10,900	60	1,816,000	3	2,580,000	8"
NOT INTENDED FOR CONSTRUCTION BIDDING OR PERMIT PURPOSES William Erick Knowles, P.E. Serial Number 84704												

Data for Use in Air & Noise Analysis		
Vehicle Class	Base Year	
	% of ADT	% of DHV
Light Duty	66.7	75.0
Medium Duty	8.2	6.2
Heavy Duty	25.1	18.8