



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
CSJ: 1739-02-015
FM 791:
From US 281A
To Karnes/Atascosa County Line
Atascosa County

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

Description of Location									Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 20 Year Period (2013 to 2033)											
													Flexible Pavement	S N	Rigid Pavement	SLAB				
									Average Daily Traffic		Dir Dist %	K Factor	Percent Trucks		ATHWLD	Percent Tandem Axles in ATHWLD				
2013	2033	ADT	DHV																	
FM 791 From US 281A To Karnes/Atascosa County Line Atascosa County									1,700	3,000	53 - 47	10.6	26.0	19.5	10,900	60	2,151,000	3	3,055,000	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	74.0	80.5
Medium Duty	6.4	4.8
Heavy Duty	19.6	14.7