




MEMO

August 16, 2013

To: Melisa Montemayor
Attention: Alberto Ramirez, P.E.

From: William E. Knowles P.E. 

CC: Hector M. Cayanan, Laredo District
Design Division

Subject: Traffic Data
CSJ: 0852-01-027 & 0852-01-028
FM 469:
From I-35
To SH 97
LaSalle County

Attached is a tabulation showing traffic analysis for highway design for the 2014 to 2034 twenty year period for the described limits of the route. Included is a tabulation showing data for use in air and noise analysis.

Please refer to your original request dated August 2, 2013.

If you have any questions or need additional information, please contact Bruce Uphaus at (512) 486-5104.

Attachment

TRAFFIC ANALYSIS FOR HIGHWAY DESIGN

Laredo District

August 14, 2013

Description of Location	Average Daily Traffic				Dir Dist %	K Factor	Base Year			ATHWLD	Percent Tandem Axles in ATHWLD	Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 20 Year Period (2014 to 2034)		
	2014		2034				ADT	DHV	S			Rigid Pavement	N	SLAB
	2014	2034	2014	2034										
<p><u>FM 469</u></p> <p>From I-35 To SH 97</p> <p>La Salle County</p>	1,100	1,700	51	49	8.8	59.0	44.3	11,200	60	3,213,000	3	4,606,000	8"	
<p>NOT INTENDED FOR CONSTRUCTION BIDDING OR PERMIT PURPOSES</p> <p>William Erick Knowles, P.E. Serial Number 84704</p>														

Data for Use in Air & Noise Analysis

Vehicle Class	Base Year	
	% of ADT	% of DHV
Light Duty	41.0	55.7
Medium Duty	6.7	5.0
Heavy Duty	52.3	39.3