




# MEMO

August 16, 2013

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

**From:** William E. Knowles, P.E. 

**CC:** Hector M. Cayanan, Laredo District  
Design Division

**Subject:** Traffic Data  
CSJ: 0237-01-018  
FM 133:  
From La Salle/Dimmit County Line  
To I-35 West Frontage Road

La Salle County

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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 memorandum dated August 13, 2013.

If you have any questions or need additional information, please contact Robert Williams at (512) 486-5145.

Attachment

# TRAFFIC ANALYSIS FOR HIGHWAY DESIGN

Laredo District

August 14, 2013

Description of Location	Base Year				Dir Dist %	K Factor	Percent Trucks		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)		
	Average Daily Traffic		ADT	DHV			Flexible Pavement	S			Rigid Pavement	SLAB	
	2014	2034											
<p><u>FM 133</u> From La Salle / Dimmit County Line To I-35 West Frontage Road  La Salle County</p>	3,200	5,800	51 - 49	8.8	37.6	28.2	11,800	50	6,351,000	3	9,026,000	8"	

NOT INTENDED FOR CONSTRUCTION  
BIDDING OR PERMIT PURPOSES  
William Erick Knowlps, P.E.  
Serial Number 84704

### Data for Use in Air & Noise Analysis

Vehicle Class	Base Year	
	% of ADT	% of DHV
Light Duty	62.4	71.8
Medium Duty	5.8	4.4
Heavy Duty	31.8	23.8