



TEXAS DEPARTMENT OF TRANSPORTATION

MEMORANDUM

05 OCT -5 AM 9:48

TO: David B. Casteel, P.E.
Attention: Clay R. Smith, P.E.

DATE: October 3, 2005

FROM: William Knowles, P.E.

FILE: TPP (T)
(512) 486-5100

SUBJECT: Traffic Data
CSJ: 2452-01-XXX
LP 1604: From 0.14 Mi. N. of New Guilbeau Rd. to
0.14 Mi. S. of New Guilbeau Rd.
Bexar County

Attached are tabulations showing traffic analysis for highway design for the 2006 to 2026 twenty year period, and the 2006 to 2036 thirty year period for the described limits of the route. Included is data for use in air and noise analysis.

Please refer to your original memorandum dated April 27, 2005.

If you have any questions or need additional information, please contact James Burnett at (512) 486-5165.

Attachment

cc: Kenneth W. Zigrang, San Antonio District, TxDOT
Design Division

DE	_____
P.E.	_____
DIST	_____
DC	_____
CM	_____
D/O	_____
LA	_____
i	Judy

TRAFFIC ANALYSIS FOR HIGHWAY DESIGN

San Antonio District

September 30, 2005

									Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 20 Year Period (2006 to 2026)			
Description of Location	Average Daily Traffic		Dir Dist %	K Factor	Percent Trucks		ATHWLD	Percent Tandem Axles in ATHWLD	Flexible Pavement	S N	Rigid Pavement	SLAB
	2006	2026			ADT	DHV						
	Base Year											
<u>LP 1604</u>												
From 0.14 Mi. N. of New Guilbeau Rd. To 0.14 Mi. S. of New Guilbeau Rd.	41,700	74,800	59 - 41	11.4	10.9	7.2	10,800	50	12,639,000	3	14,854,000	8"
Bexar County												
Data for Use in Air & Noise Analysis												
Vehicle Class	Base Year											
	% of ADT	% of DHV										
Light Duty	89.1	92.8										
Medium Duty	7.8	5.1										
Heavy Duty	3.1	2.1										
									Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 30 Year Period (2006 to 2036)			
Description of Location	Average Daily Traffic		Dir Dist %	K Factor	Percent Trucks		ATHWLD	Percent Tandem Axles in ATHWLD	Flexible Pavement	S N	Rigid Pavement	SLAB
	2006	2036			ADT	DHV						
	Base Year											
<u>LP 1604</u>												
From 0.14 Mi. N. of New Guilbeau Rd. To 0.14 Mi. S. of New Guilbeau Rd.	41,700	82,000	59 - 41	11.4	10.9	7.2	10,900	50	20,129,000	3	23,657,000	8"
Bexar County												

NOT TO BE USED FOR CONSTRUCTION
BIDDING OR PERMIT PURPOSES
William Erick Knowles, P.E.
Serial Number 84704

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