



MEMORANDUM

2010 AUG 24 AM 10:09

TO: Mario Medina, P.E.
Attention: Clay R. Smith, P.E.

DATE: August 20, 2010

FROM: William E. Knowles, P.E.

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

SUBJECT: Traffic Data
CSJ: 2452-01-051
Loop 1604:
At Marbach Rd
Bexar County

Attached is a tabulation showing traffic analysis for highway design for the 2010 to 2030 twenty year, and for the 2010 to 2040 thirty year design periods for the described limits of the route.

Please refer to your original memorandum dated August 10, 2010.

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

Attachment

cc: ✓ Kenneth W. Zigrang, SAT
Design Division

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

TRAFFIC ANALYSIS FOR HIGHWAY DESIGN

San Antonio District

August 17, 2010

									Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 20 Year Period (2010 to 2030)			
Description of Location	Average Daily Traffic		Dir Dist %	Base Year			ATHWLD	Percent Tandem Axles in ATHWLD	Flexible Pavement	S N	Rigid Pavement	SLAB
	2010	2030		K Factor	Percent Trucks							
					ADT	DHV						
<u>Loop 1604</u> At Marbach Rd Bexar County	25,800	41,500	60 - 40	7.7	5.1	3.4	13,100	60	4,773,000	3	6,171,000	8"
<p>NOT INTENDED FOR CONSTRUCTION BIDDING OR PERMIT PURPOSES William Erick Knowles, P.E. Serial Number 84704</p>												
									Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 30 Year Period (2010 to 2040)			
Description of Location	Average Daily Traffic		Dir Dist %	Base Year			ATHWLD	Percent Tandem Axles in ATHWLD	Flexible Pavement	S N	Rigid Pavement	SLAB
	2010	2040		K Factor	Percent Trucks							
					ADT	DHV						
<u>Loop 1604</u> At Marbach Rd Bexar County	25,800	46,300	60 - 40	7.7	5.1	3.4	13,200	60	7,670,000	3	9,917,000	8"