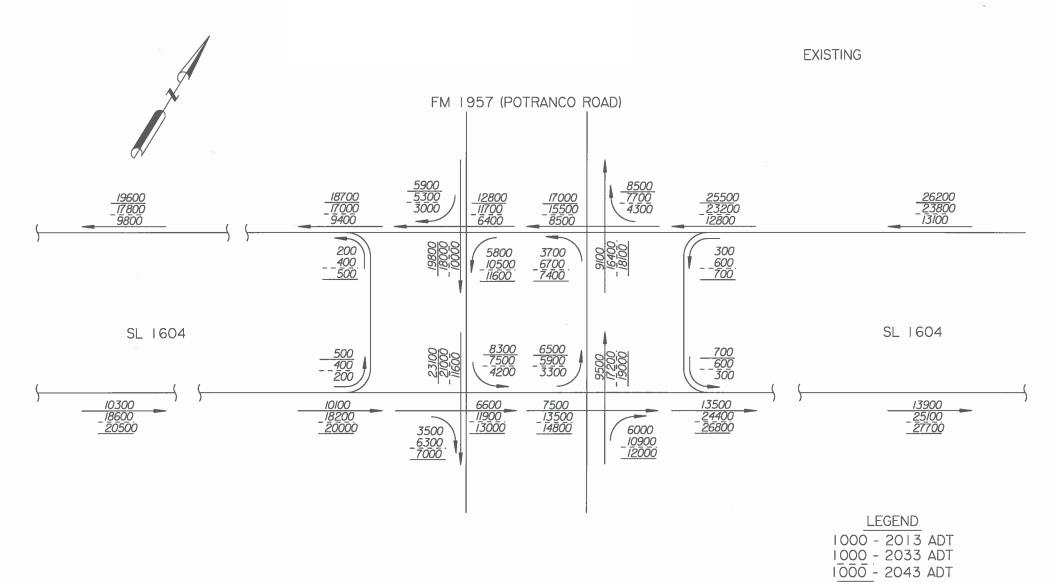
TEXAS DEPARTMENT OF TRANSPORTATION TECHNICAL PROVISIONS FOR LOOP 1604 WESTERN EXTENSION

DESIGN-BUILD PROJECT

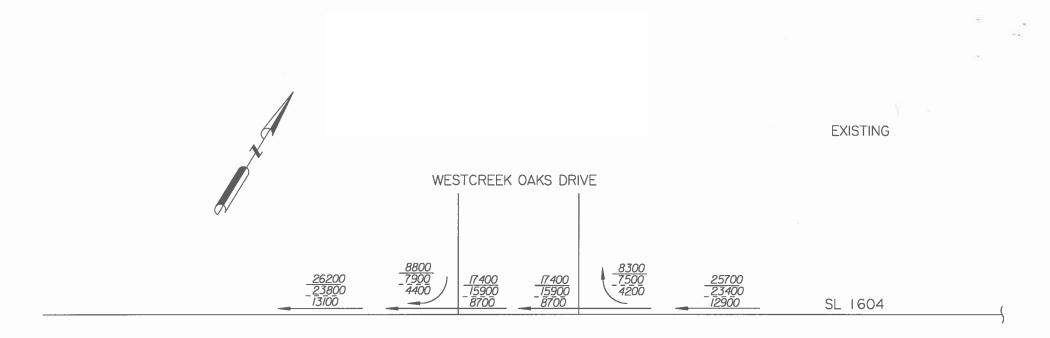
ATTACHMENT 8-1
TRAFFIC DATA

JUNE 4, 2013



TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

SHEET I OF 14



SL 1604

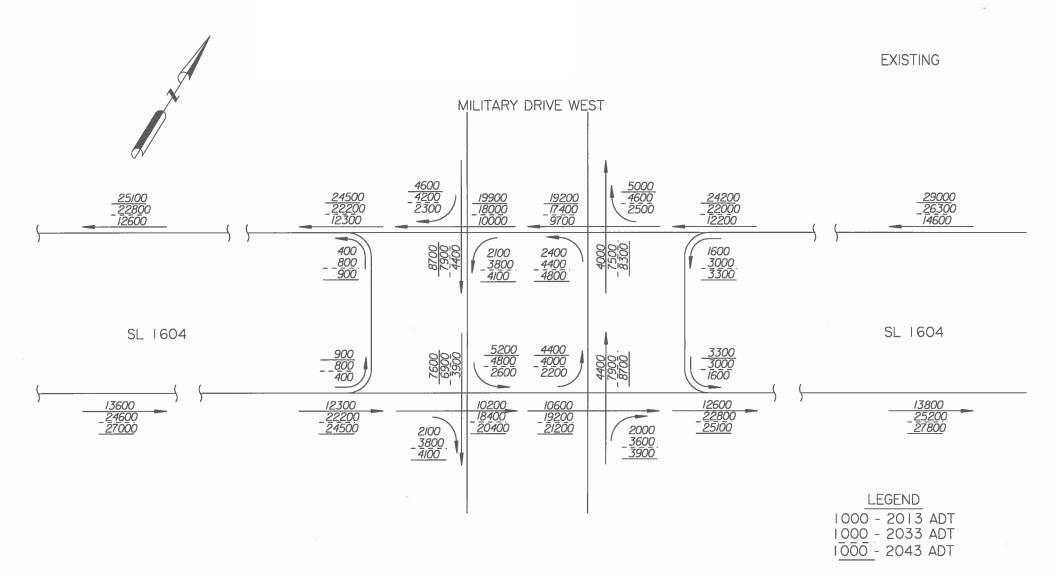
13000 23600 25900

> <u>LEGEND</u> 1000 - 2013 ADT 1000 - 2033 ADT 1000 - 2043 ADT

2013, 2033 AND 2043 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG SL 1604 FROM WISEMAN BLVD. TO SH 16

TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

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TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

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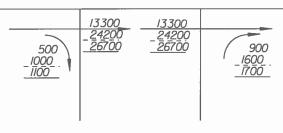


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SL 1604

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KILMARNOCH LANE

LEGEND 1000 - 2013 ADT 1000 - 2033 ADT 1000 - 2043 ADT

2013, 2033 AND 2043 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG SL 1604 FROM WISEMAN BLVD. TO SH 16

TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

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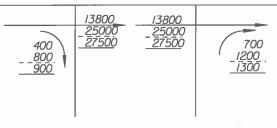


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<u>29000</u> 26300 14600

SL 1604

SL 1604



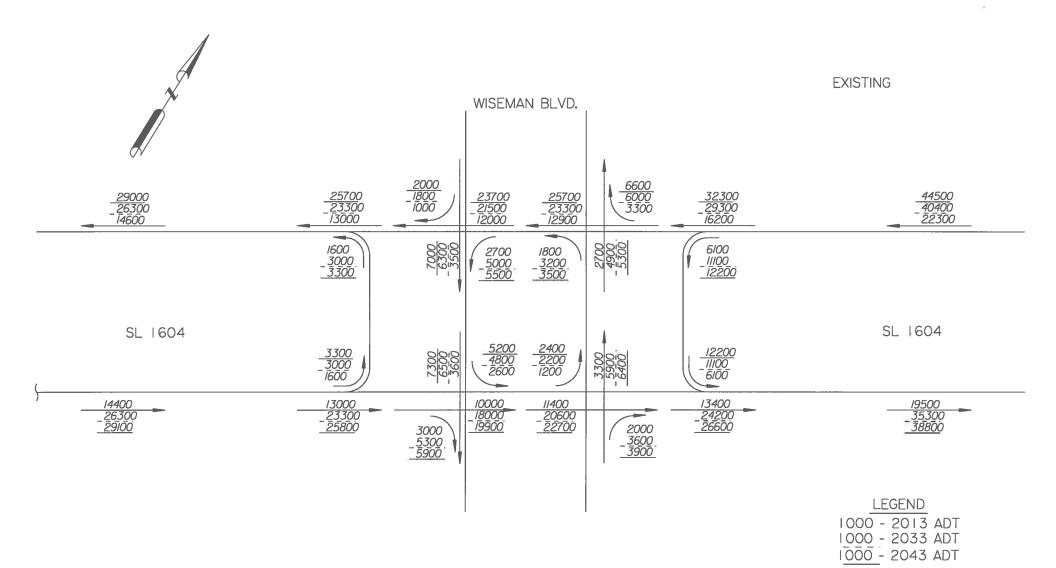
REDD ROAD

<u>LEGEND</u> 1000 - 2013 ADT 1000 - 2033 ADT 1000 - 2043 ADT

2013, 2033 AND 2043 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG SL 1604 FROM WISEMAN BLVD. TO SH 16

TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

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TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

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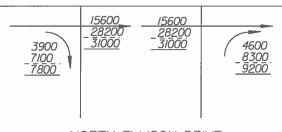


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<u>44500</u> _404<u>0</u>0 22300

SL 1604

SL 1604



NORTH ELLISON DRIVE

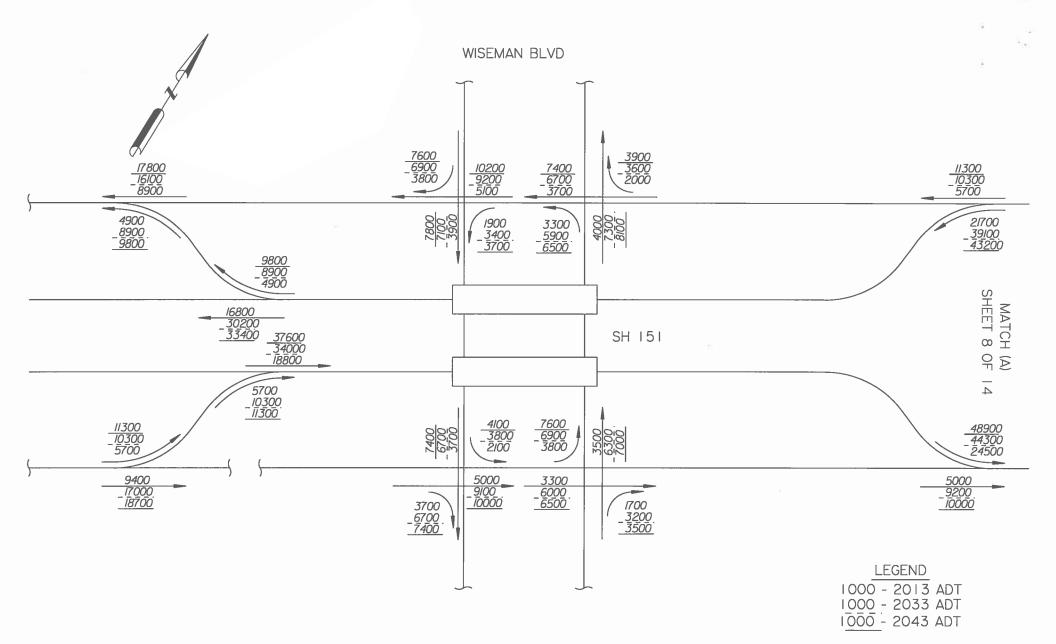
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2013, 2033 AND 2043 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG SL 1604 FROM WISEMAN BLVD. TO SH 16

TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

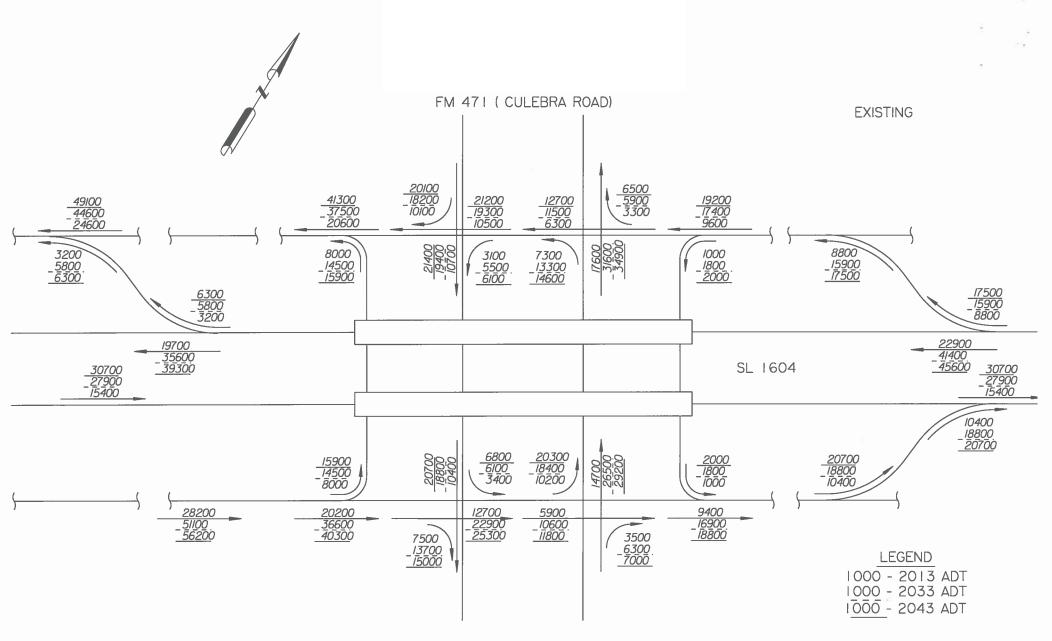
SHEET 7 OF 14

	T		T	
* *	6800 3400 3400 000	888	3700	
	6.800 6.800 3.400 3.400 7.400	ALAMO RANCH PARKWAY		
	1	2500 2500 2500 2500 2500 2500 2500 2500		WEST WOOD LOOK
	2500	007 0082 0082 0082 0082	8 12/12	
			//	
		7000 -6300 -3500 -3500		
VALLEY MEADOW ROAD		22300 -40500 -44300		
- 900 - 900 - 400 - 23000 - 12700 - 12700 - 12700 - 12700 - 12700	2/900 2/900 -/9000 -/9000	-		
23200 -4/800 24600 -22400 -124	8700 15800 24600 	30700 -27900 -15400 		
10300 18500 -20500 88800 15900 -77400	- <u>2</u> 4000	17500 _31700	### ##################################	
2013, 2033 AND 2043 ANTICIPATED AVERAGE DAILY TRA SL 1604 FROM WISEMAN BLVD. TO SH 16 TRANSPORTATION PLANNING AND PROGRAMMING DIVISION		1000 1000 1000 NG MOVEMENTS AT SPECIFIED PO	- 2013 ADT - 2033 ADT - 2043 ADT - 2043 ADT DINTS ALONG XAR COUNTY	
FEBRUARY I, 2013	MATCH (A)	SHE	EET 8 OF 14	



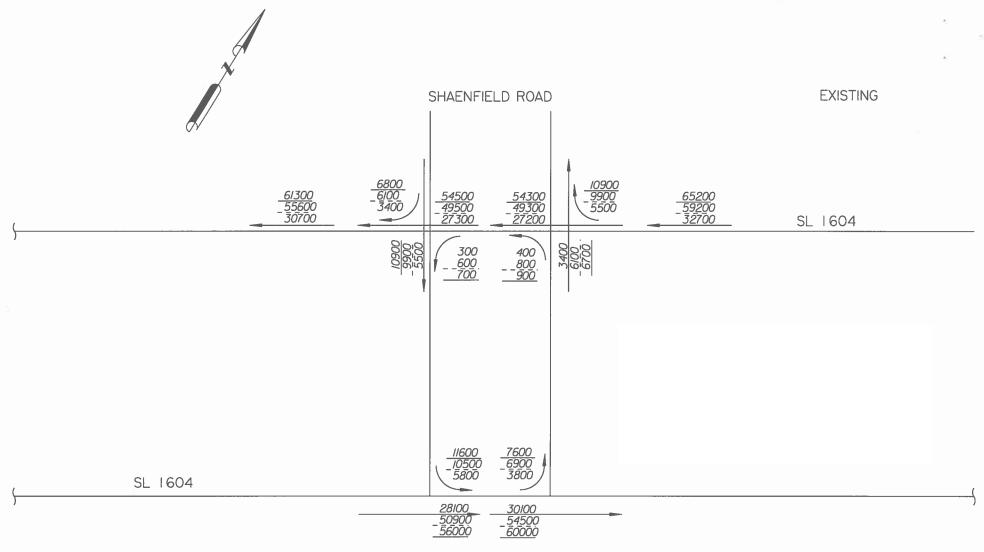
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

SHEET 8 OF 14



TRANSPORTATION PLANNING AND PROGRAMMING DIVISION DECEMBER 12, 2012

SHEET 9 OF 14



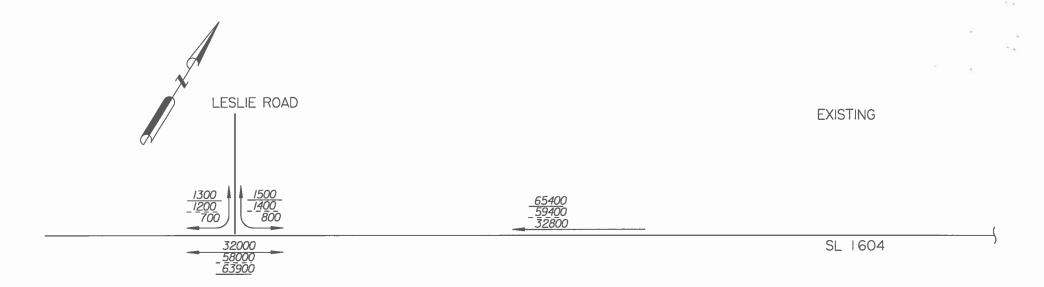
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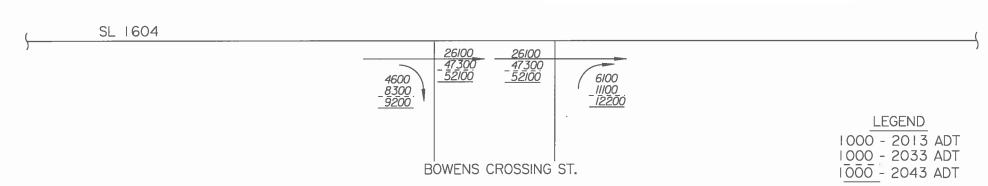
1000 - 2013 ADT 1000 - 2033 ADT 1000 - 2043 ADT

2013, 2033 AND 2043 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG SL 1604 FROM WISEMAN BLVD. TO SH 16 BEXAR COUNTY

TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

SHEET 10 OF 14

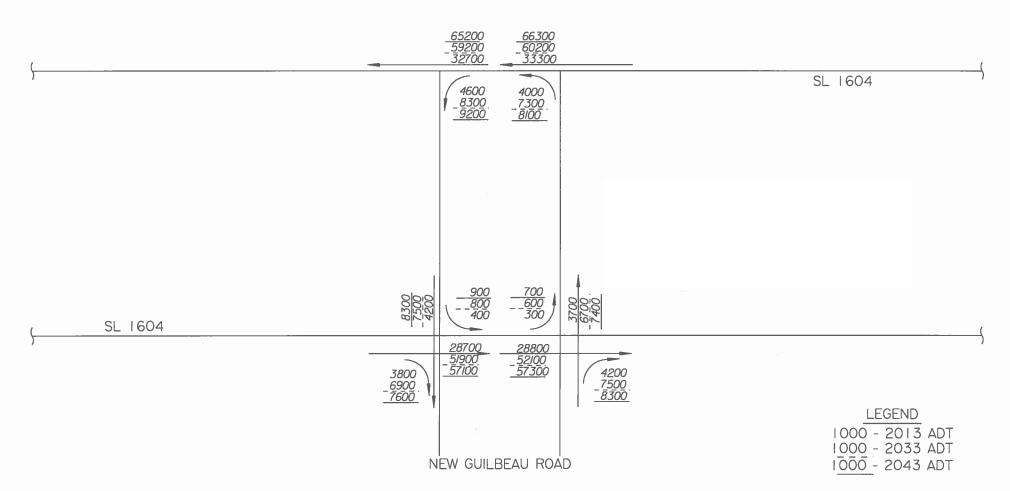




TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

SHEET II OF 14

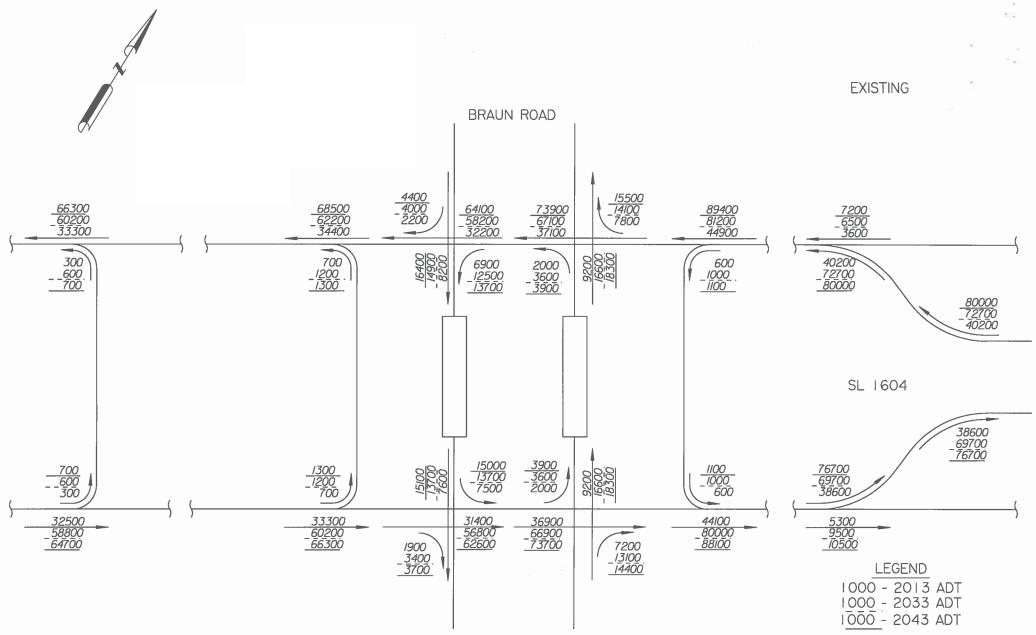
EXISTING



2013, 2033 AND 2043 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG SL 1604 FROM WISEMAN BLVD. TO SH 16

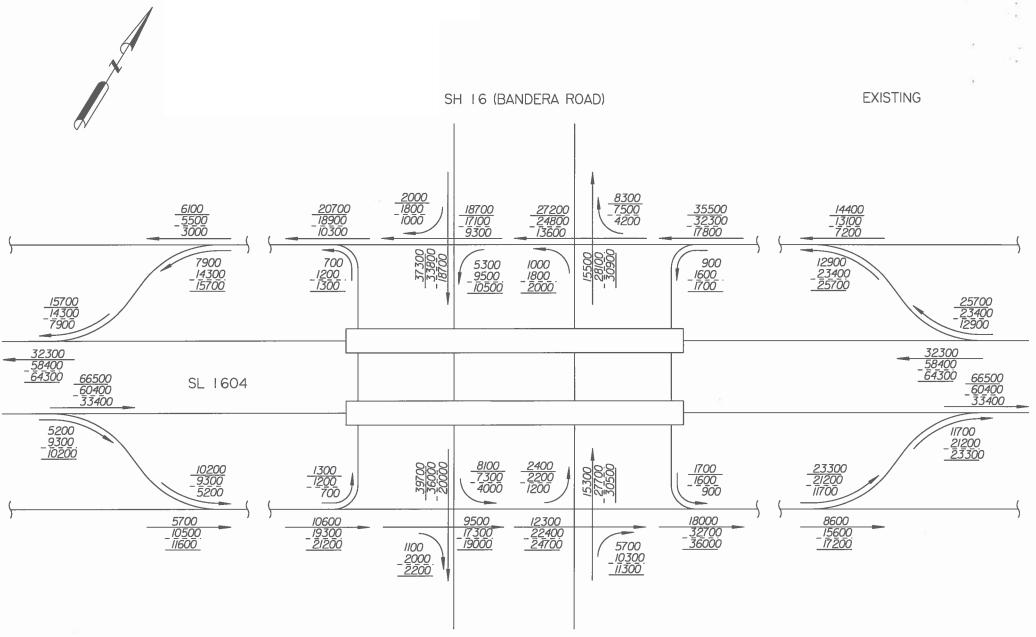
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

SHEET 12 OF 14



TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

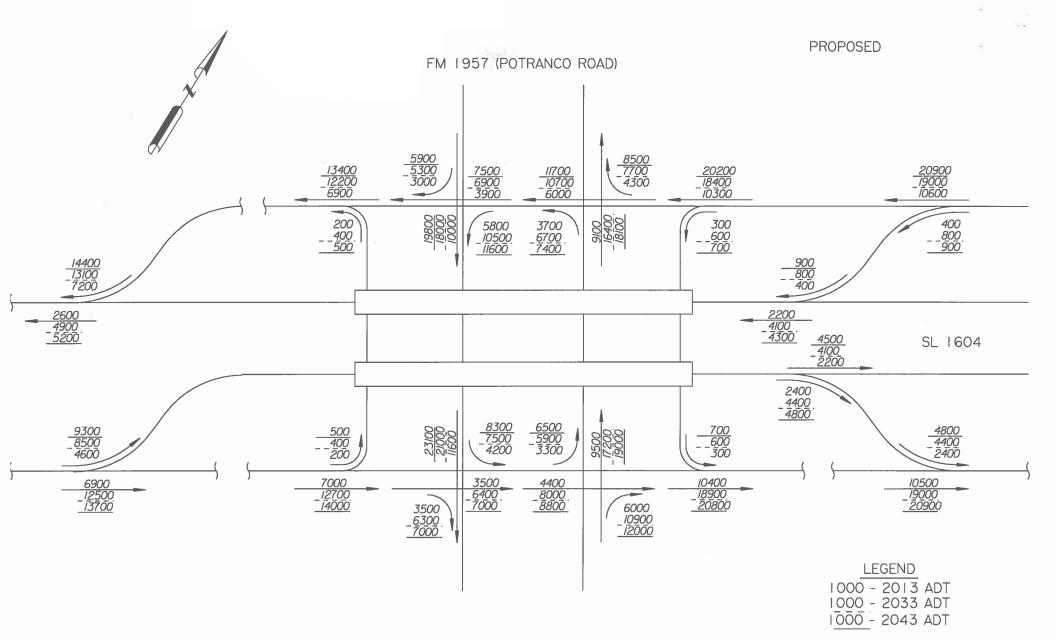
SHEET 13 OF 14



TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

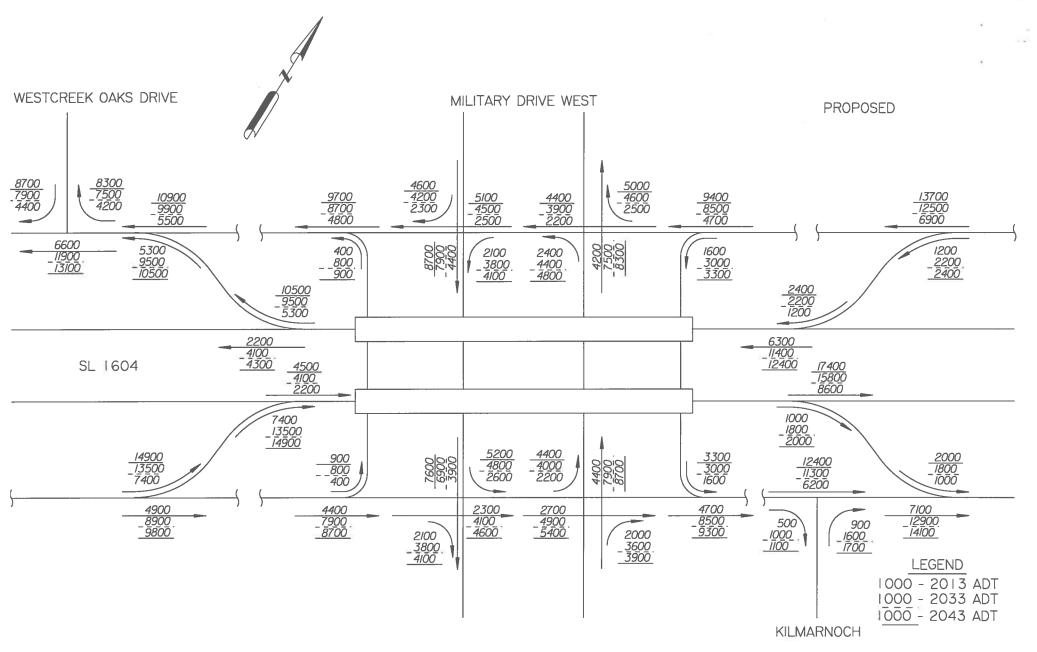
<u>LEGEND</u> 1000 - 2013 ADT 1000 - 2033 ADT

1000 - 2043 ADT SHEET 14 OF 14



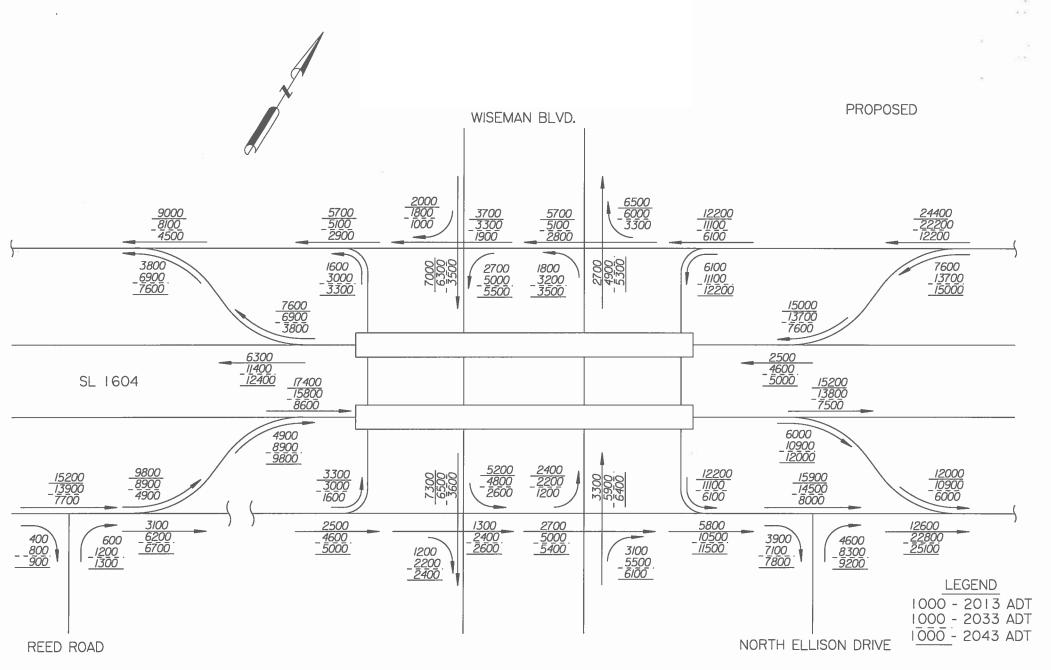
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

SHEET I OF 9



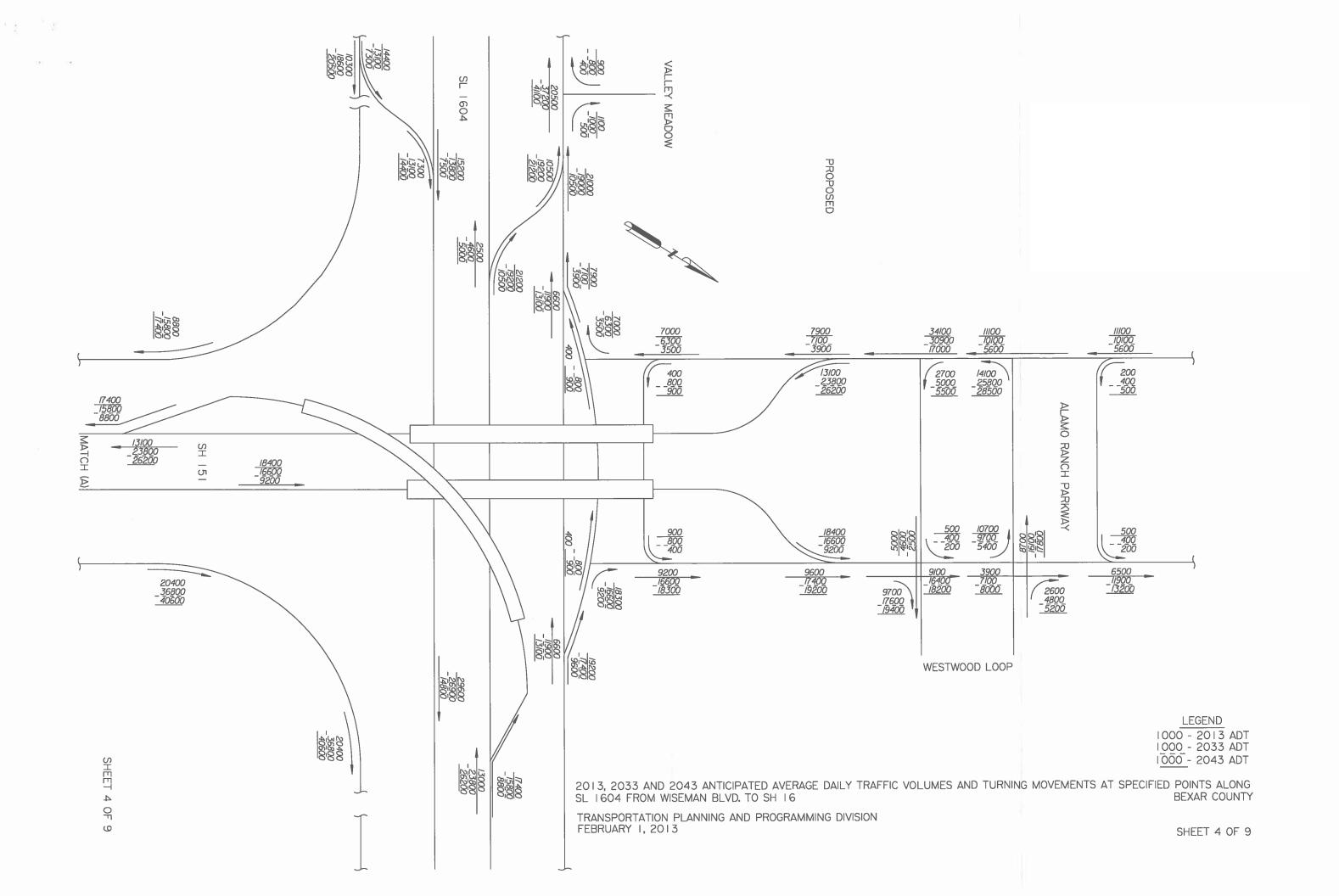
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

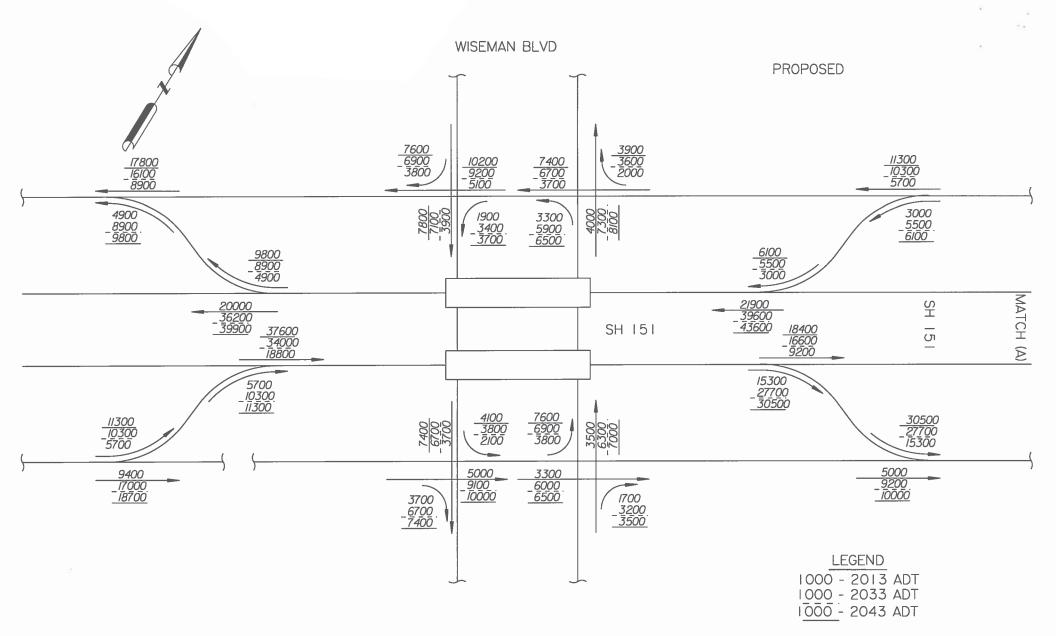
SHEET 2 OF 9



TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

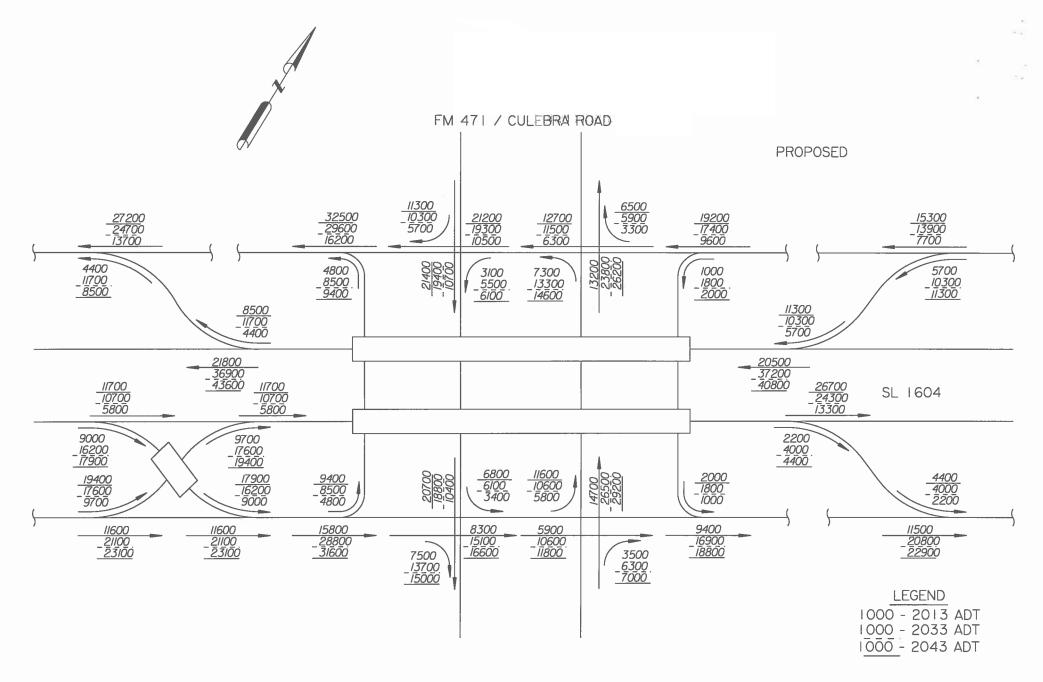
SHEET 3 OF 9





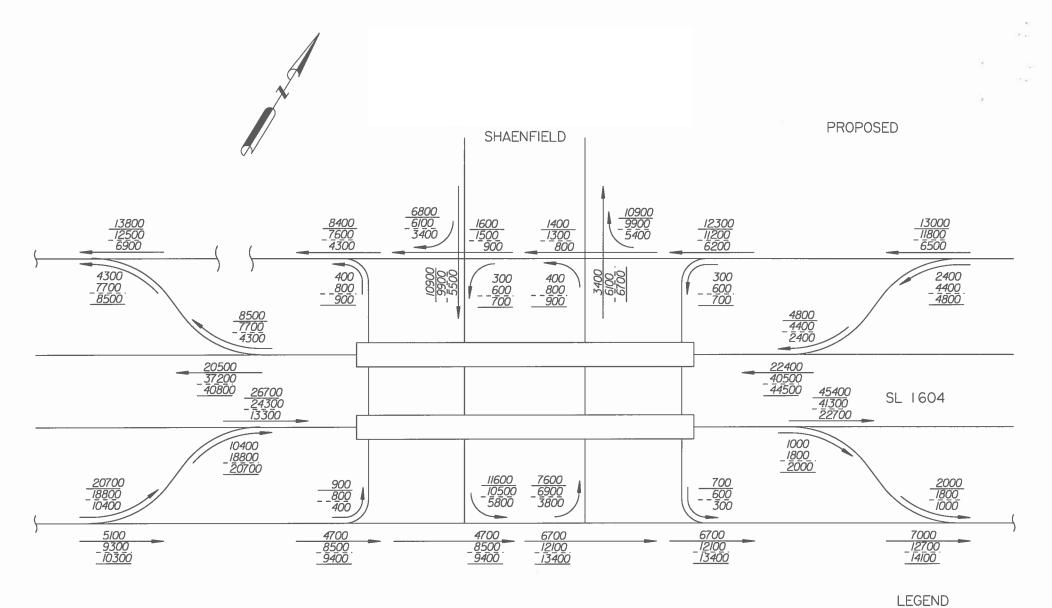
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

SHEET 4 OF 9



TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

SHEET 5 OF 9

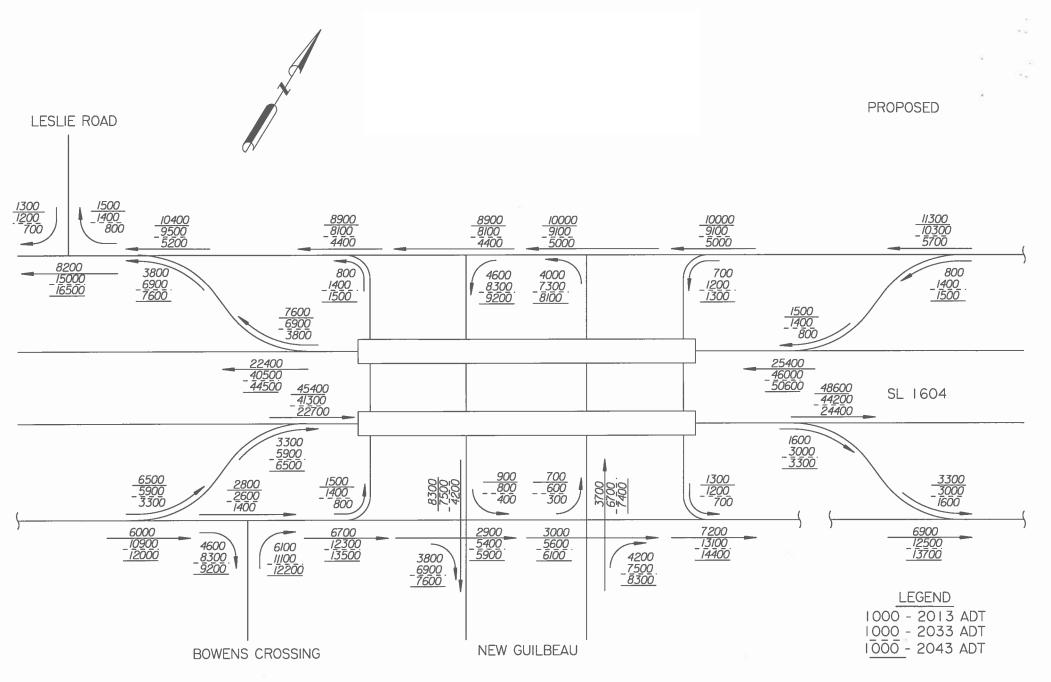


1000 - 2013 ADT 1000 - 2033 ADT 1000 - 2043 ADT

2013, 2033 AND 2043 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG SL 1604 FROM WISEMAN BLVD. TO SH 16

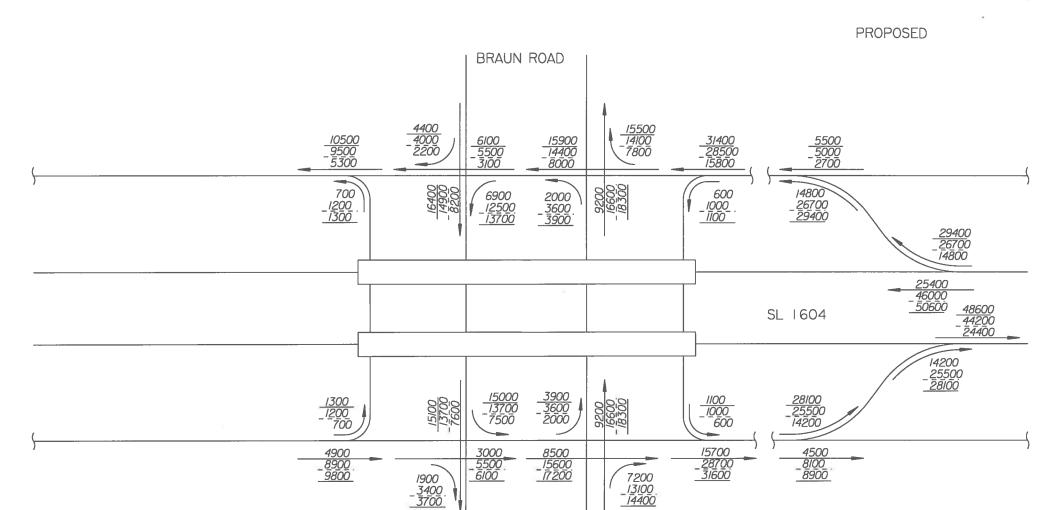
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

SHEET 6 OF 9



TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

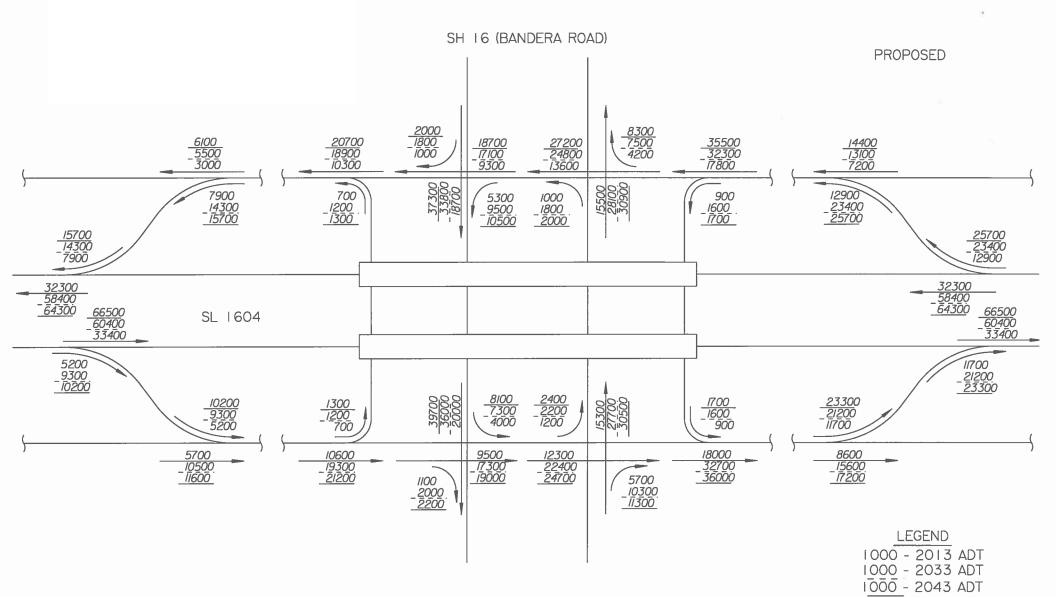
SHEET 7 OF 9



TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

SHEET 8 OF 9

LEGEND 1000 - 2013 ADT 1000 - 2033 ADT 1000 - 2043 ADT



TRANSPORTATION PLANNING AND PROGRAMMING DIVISION FEBRUARY 1, 2013

SHEET 9 OF 9

San Antonio District												29, 201 3			
									Single	Axie L	of Equivalent 18l				
Base Year Percent										One Direction Expected for a 20 Year Period					
	Averac	e Daily	Dir			cent		Tandem			to 2033)				
Description of Location		Traffic		k	Trucks		ATHWLD	Axles in	Flexible	S Rigid		SLAB			
'	2013	2033	Dist %	Factor	ADT	DHV		ATHWLD	Pavement	N	Pavement				
SL 1604 Existing															
Section 1															
From Wiseman Blvd. To SH 151	46,300	83,600	57 - 43	8.2	5.8	3.8	12,200	20	9,290,000	3	11,409,000	8"			
Bexar County															
Data for Use in Air & Noise	Analysis		<u> </u>					<u> </u>							
		Base Y													
Vehicle Class		% of ADT % of DH													
Light Duty		4.2		5.2											
Medium Duty		.5		.3	l										
Heavy Duty	2	.3	1	.5					71.00						
									Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a						
		Base Year Percent							30 Year Period						
		je Daily	Dir			cent		Tandem			to 2043)				
Description of Location	2013	affic 2043	Dist %	K Factor	ADT	cks DHV	ATHWLD	Axles in ATHWLD	Flexible Pavement	S	Rigid Pavement	SLAB			
SL 1604 Existing															
Section 1															
From Wiseman Blvd. To SH 151	46,300	91,900	57 - 43	8.2	5.8	3.8	12,200	20	14,826,000	3	18,208,000	8"			
Bexar County															
			L												

San Antonio District											January	29, 2013	
					#5				Single	Axle L	of Equivalent 18l oad Applications n Expected for a		
	Base Year Percent						Percent	20 Year Period					
	Averag	Average Daily			Percent]	Tandem		(2013			
Description of Location		Traffic		K		icks	ATHWLD	Axles in	Flexible	S	Rigid	SLAB	
	2013	2033	%	Factor	ADT	DHV		ATHWLD	Pavement	N	Pavement		
SL 1604 Existing													
Section 2													
From SH 151 To SH 16	87,500	158,400	57 - 43	8.2	4.1	2.7	12,400	20	12,514,000	3	15,322,000	8"	
Bexar County													
Data for Use in Air & Noise A	<u>l</u> .nalysis					l.,	<u> </u>			_			
		Base Y											
Vehicle Class	% of	ADT	% of DHV										
Light Duty	95.9 97.3												
Medium Duty	2	.5		.7									
Heavy Duty	1	.6	1	.0									
									Single	Axle L irection	of Equivalent 18l oad Applications n Expected for a		
				Base	Year			Percent			ar Period		
		e Daily	Dir		ľ	cent		Tandem			to 2043)		
Description of Location	2013	affic 2043	Dist %	K Factor	Tru ADT	icks DHV	ATHWLD	Axles in ATHWLD	Flexible Pavement	S N	Rigid Pavement	SLAB	
SL 1604 Existing													
Section 2													
From SH 151 To SH 16	87,500	174,400	57 - 43	8.2	4.1	2.7	12,500	20	19,992,000	3	24,477,000	8"	
Bexar County													

San Antonio District											Januar	y 29, 201:
5								****	Single	Axle L	of Equivalent 18 oad Applications Expected for a	k 🥋
		HARIENIES		Base	e Year Percer			Percent]	ar Period		
	Averag	e Daily	Dir		Percent		1	Tandem			to 2033)	
Description of Location		affic	Dist	K		icks	ATHWLD	Axles in	Flexible	S	Rigid	SLAE
	2013	2033	%	Factor	ADT	DHV		ATHWLD	Pavement	N	Pavement	
SL 1604 Proposed Section 1 From Wiseman Blvd. To SH 151	48,500	88,100	57 - 43	8.2	5.7	3.8	12,200	20	9,604,000	3	11,792,000	8"
Bexar County												
Data for Use in Air & Noise A	nalysis	l	<u> </u>	L		<u> </u>	<u> </u>					
		Base Y										
Vehicle Class Light Duty		ADT 4.3										
Medium Duty		.4	2.2									
Heavy Duty		.3	1									
				Base	Year		I	Percent	Single One Di	Axle Lirection	of Equivalent 18l oad Applications n Expected for a ar Period	
	Averag	e Daily	Dir			cent		Tandem			to 2043)	
Description of Location		affic 2043	Dist %	K Factor	Tru ADT	cks DHV	ATHWLD	Axles in ATHWLD	Flexible Pavement	S	Rigid Pavement	SLAB
SL 1604 Proposed Section 1 From Wiseman Blvd. To SH 151	48,500		57 - 43	8.2	5.7	3.8	12,300	20	15,355,000		18,854,000	8"
Bexar County												

San Antonio District												29, 201		
									Single	Axle L	of Equivalent 18 oad Applications n Expected for a			
	Base Year							Percent	20 Year Period					
	Average Daily		Dir Dist		Per	cent]	Tandem		(2013	to 2033)			
Description of Location		Traffic		K		ıcks	ATHWLD	Axles in	Flexible	S Rigid	Rigid	SLAB		
	2013	2033	%	Factor	ADT	DHV	<u> </u>	ATHWLD	Pavement	N	Pavement			
SL 1604 Proposed														
Section 2														
From SH 151 To SH 16	87,500	158,400	57 - 43	8.2	4.1	2.7	12,400	20	12,514,000	3	15,322,000	8"		
Bexar County														
Data for Use in Air & Noise	Analysis													
Val. Val. Olasa	04 -4	Base Y												
Vehicle Class		% of ADT % of DHV 95.9 97.3 2.5 1.7												
Light Duty														
Medium Duty Heavy Duty	<u>-</u> -	.6		. <i>/</i> .0										
									Single	Axle Lirection	of Equivalent 18l oad Applications n Expected for a	ζ		
				Base	Year			Percent			ar Period			
		e Daily	Dir			cent		Tandem			to 2043)	01.1-		
Description of Location	2013	affic 2043	Dist %	K Factor	ADT	icks DHV	ATHWLD	Axies in ATHWLD	Flexible Pavement	S N	Rigid Pavement	SLAB		
SL 1604 Proposed		2043	<u> /º </u>	Factor	I ADI	I DITY	l I	ATHWED	Pavement	IN	Favernent	-		
St 1004 Floposed						ļ								
Section 2														
From SH 151 To SH 16	87,500	174,400	57 - 43	8.2	4.1	2.7	12,500	20	19,992,000	3	24,477,000	8"		
Bexar County														