TEXAS DEPARTMENT OF TRANSPORTATION

TECHNICAL PROVISIONS

FOR

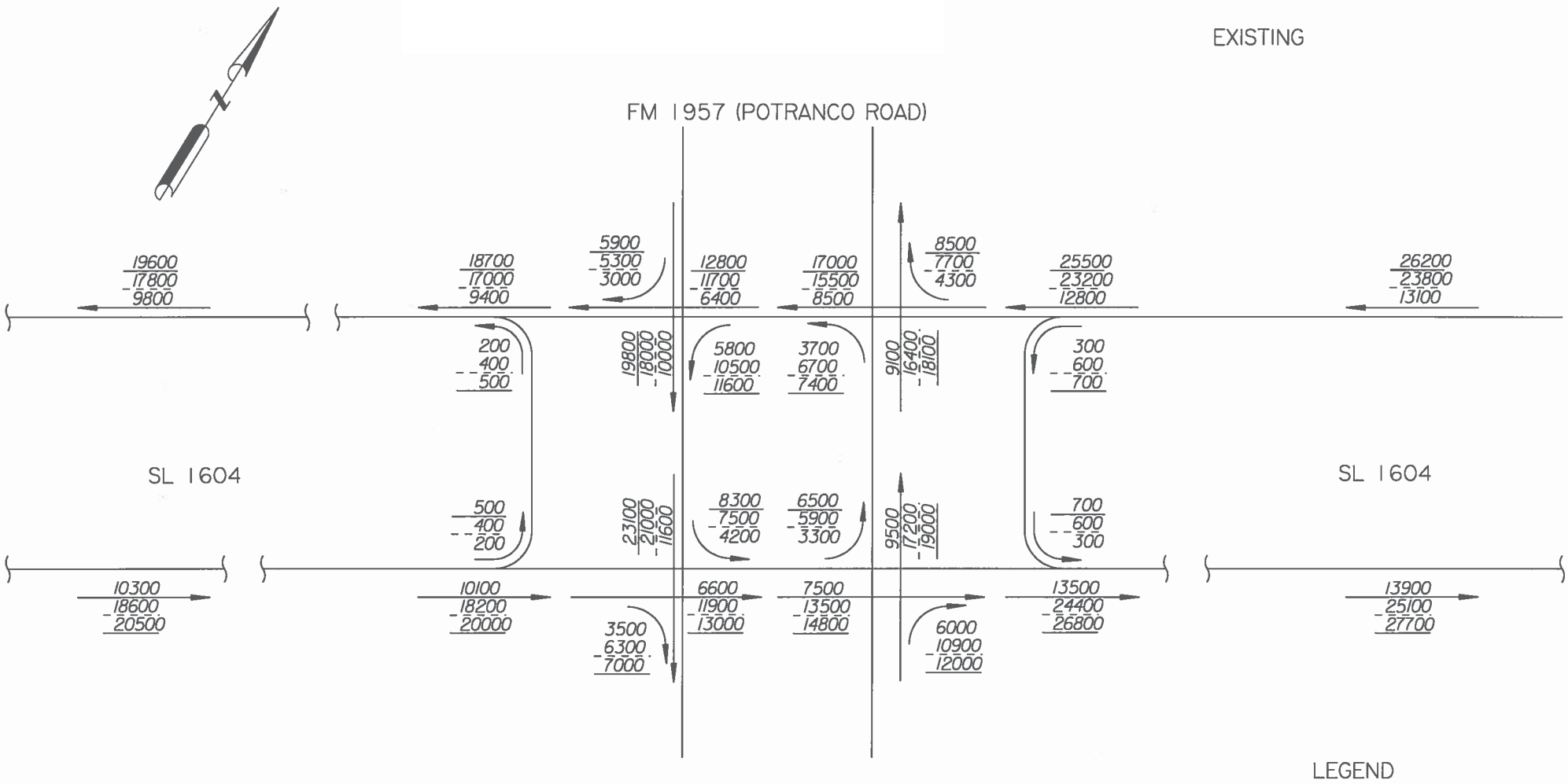
LOOP 1604 WESTERN EXTENSION

DESIGN-BUILD PROJECT

ATTACHMENT 8-1
TRAFFIC DATA

JUNE 27, 2013

EXISTING



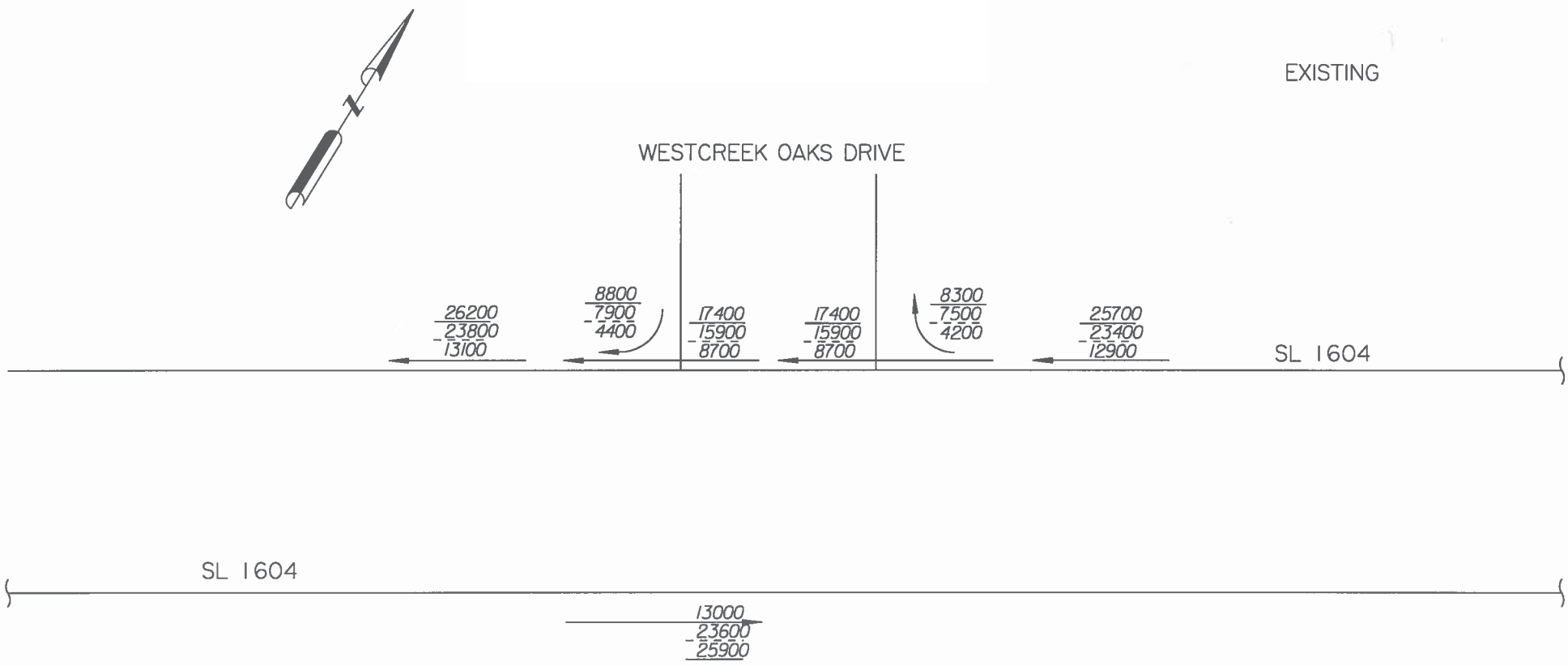
LEGEND

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

BEXAR COUNTY

TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
FEBRUARY 1, 2013



LEGEND

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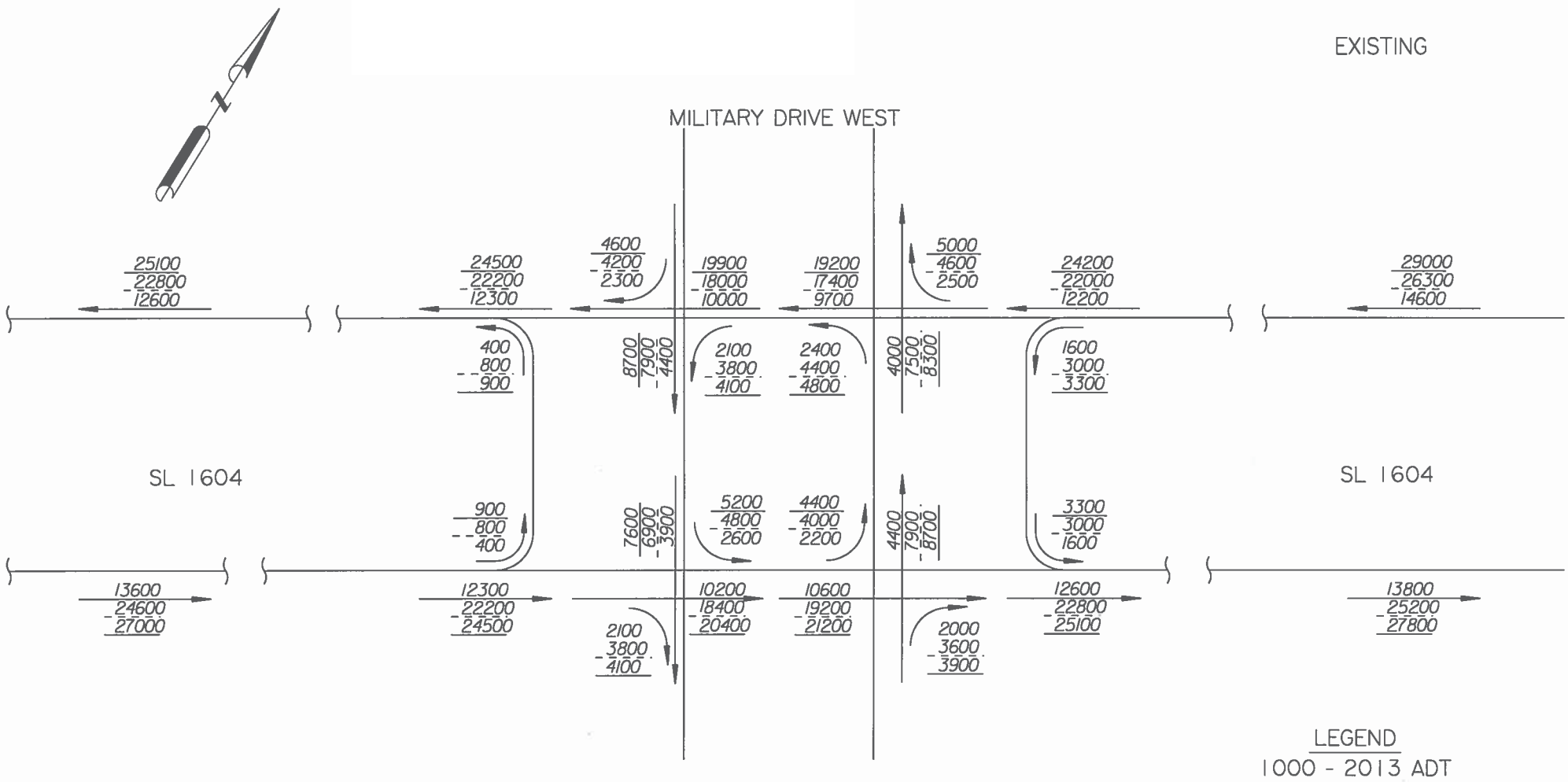
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
FEBRUARY 1, 2013

EXISTING



LEGEND

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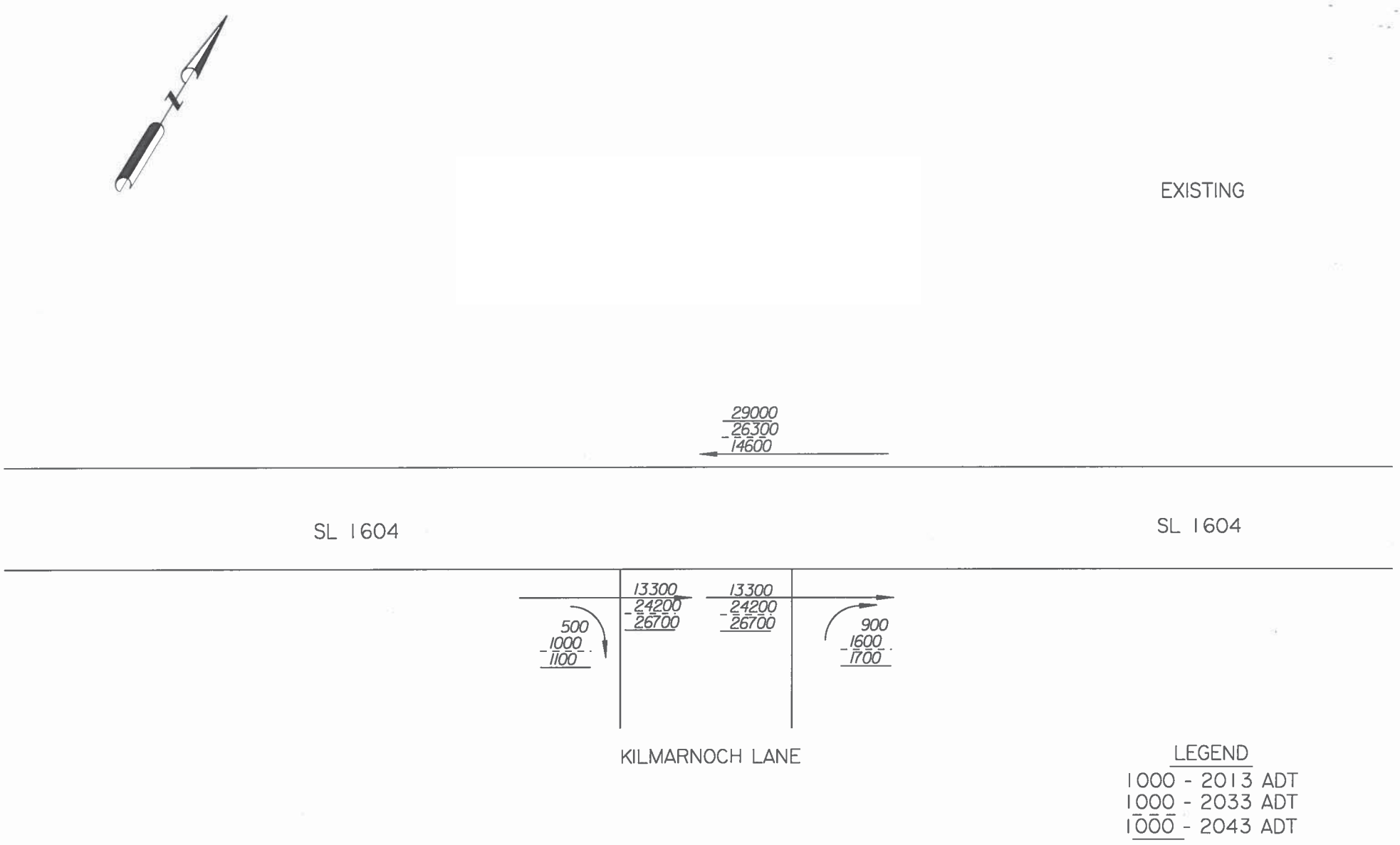

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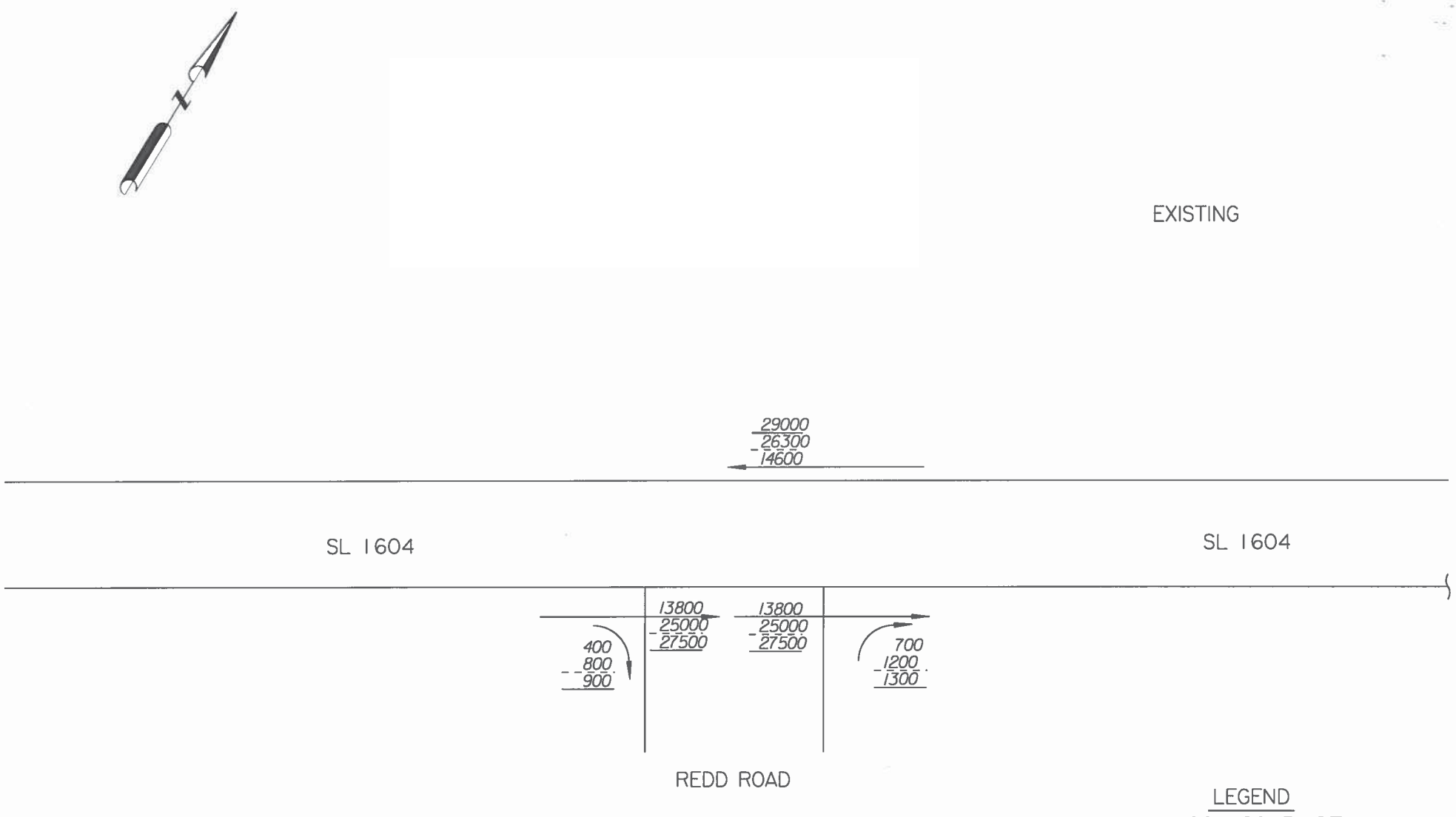
FEBRUARY 1, 2013



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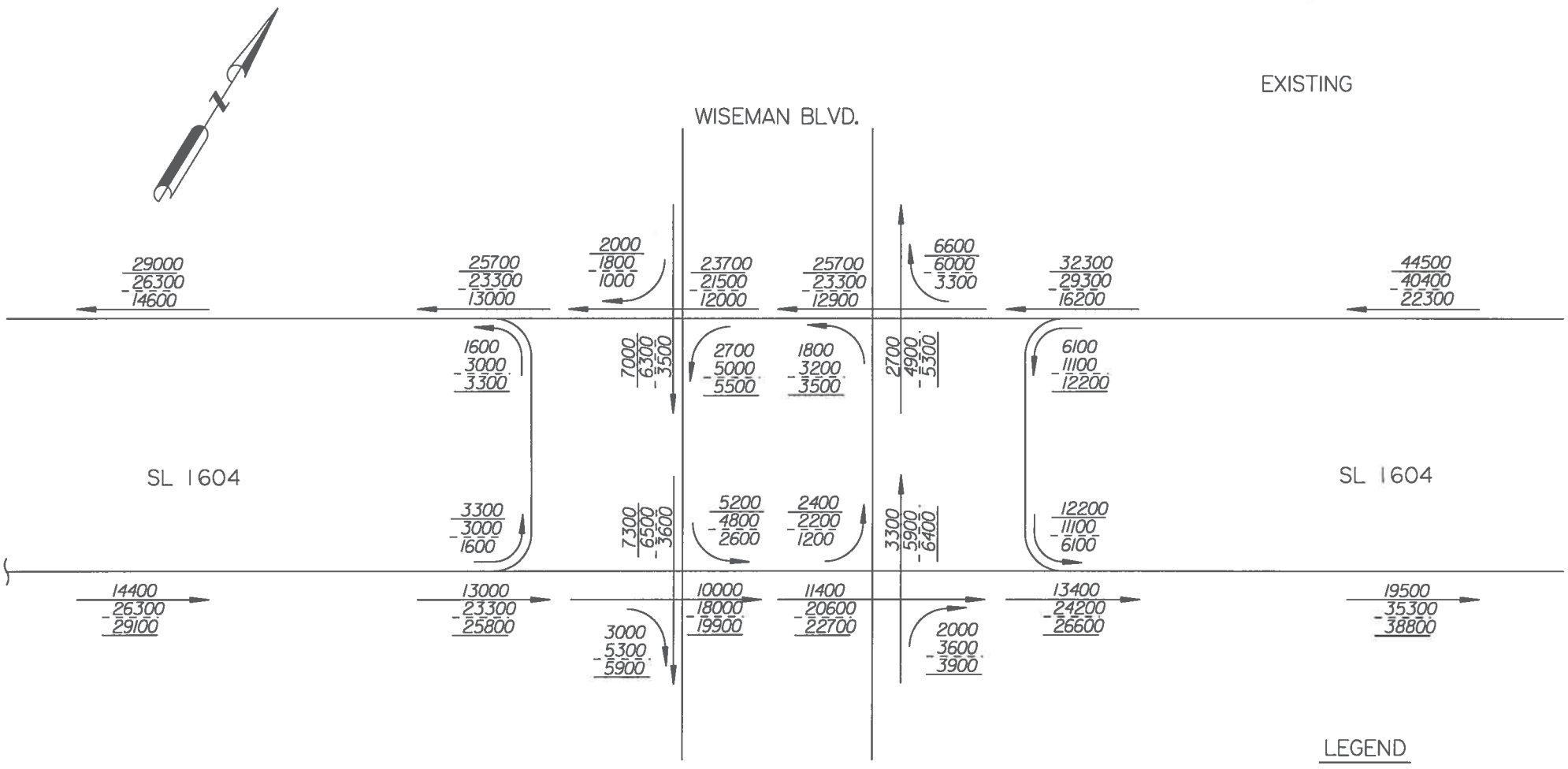

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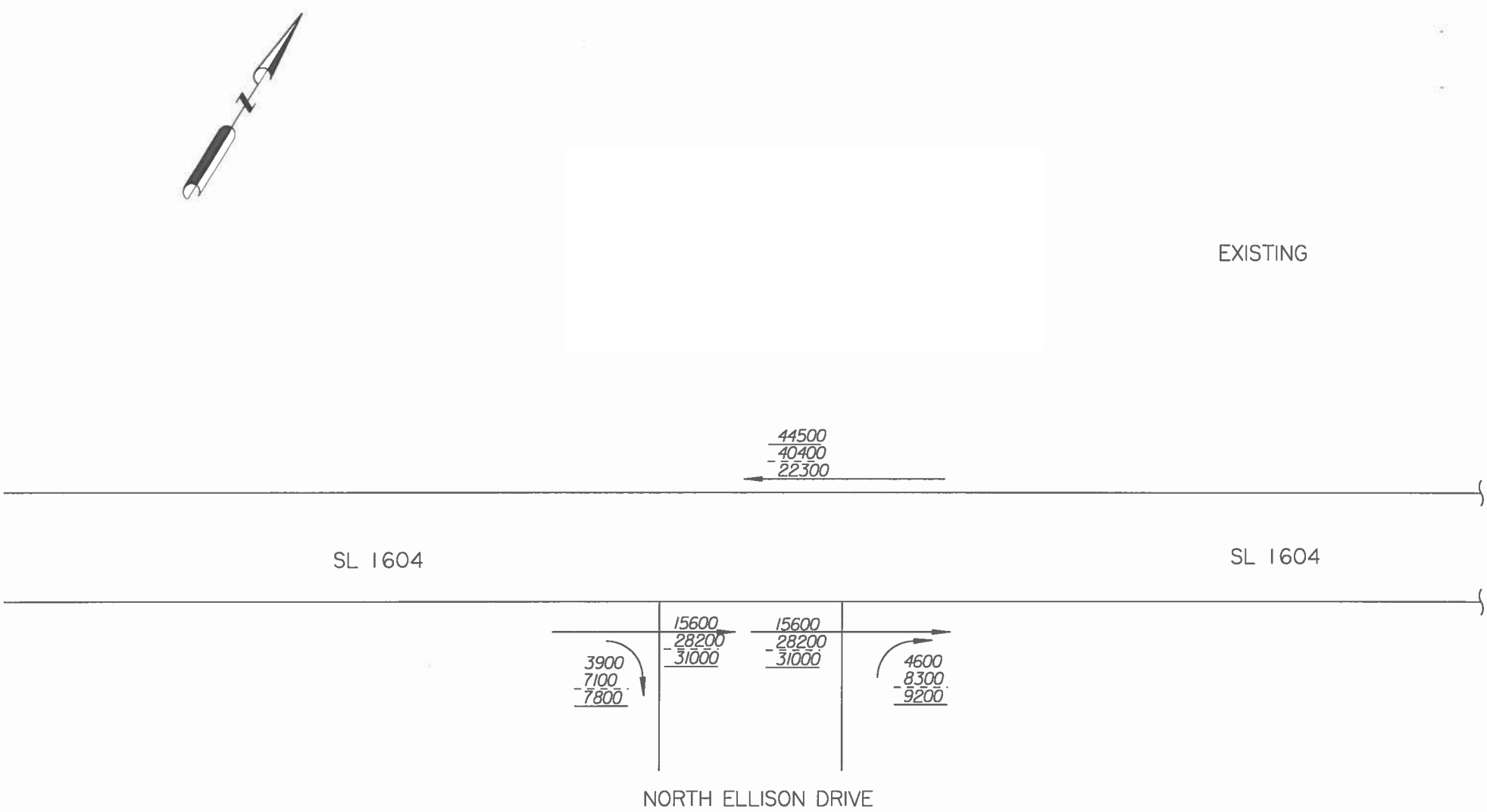

LEGEND
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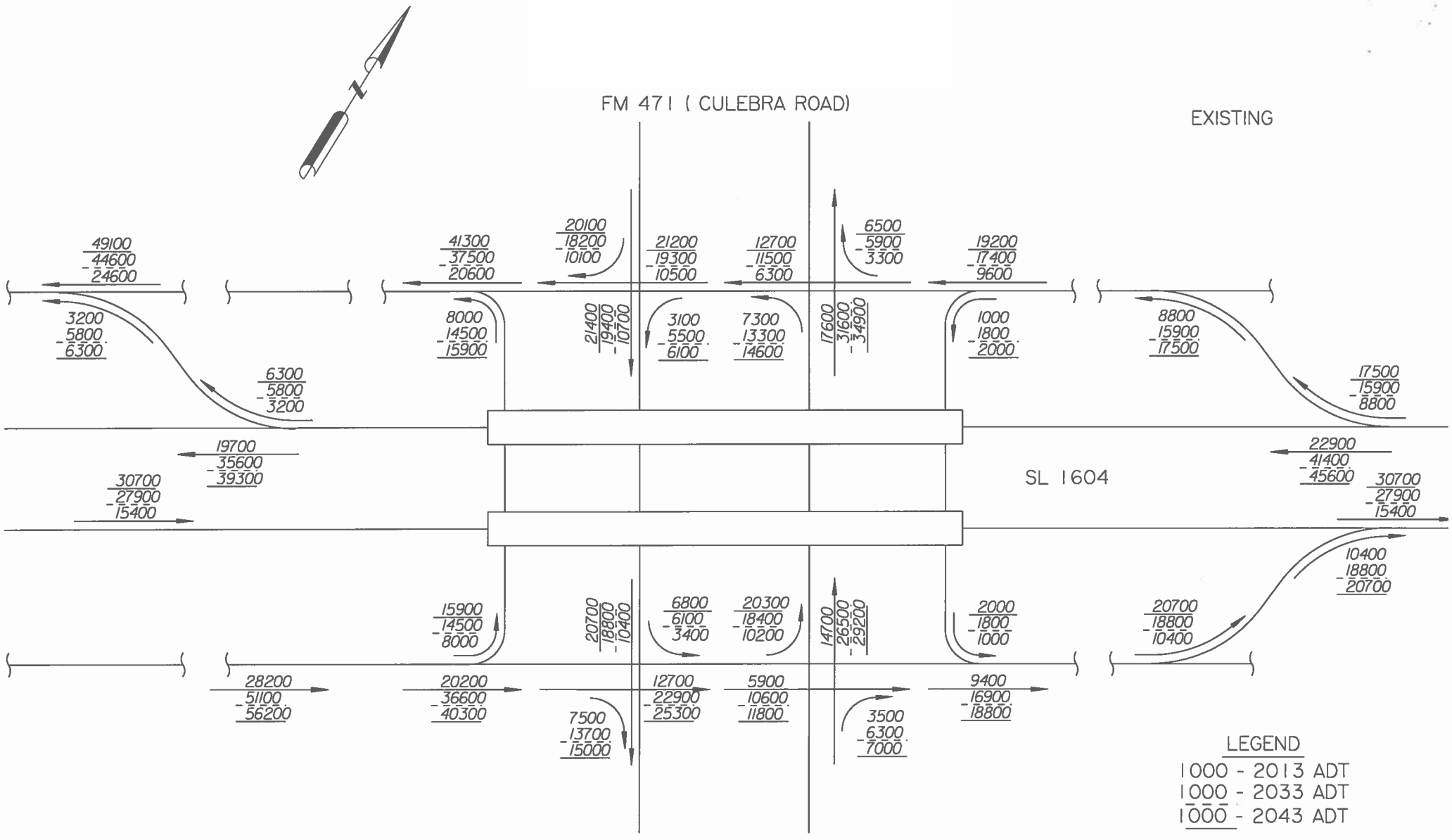
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
FEBRUARY 1, 2013



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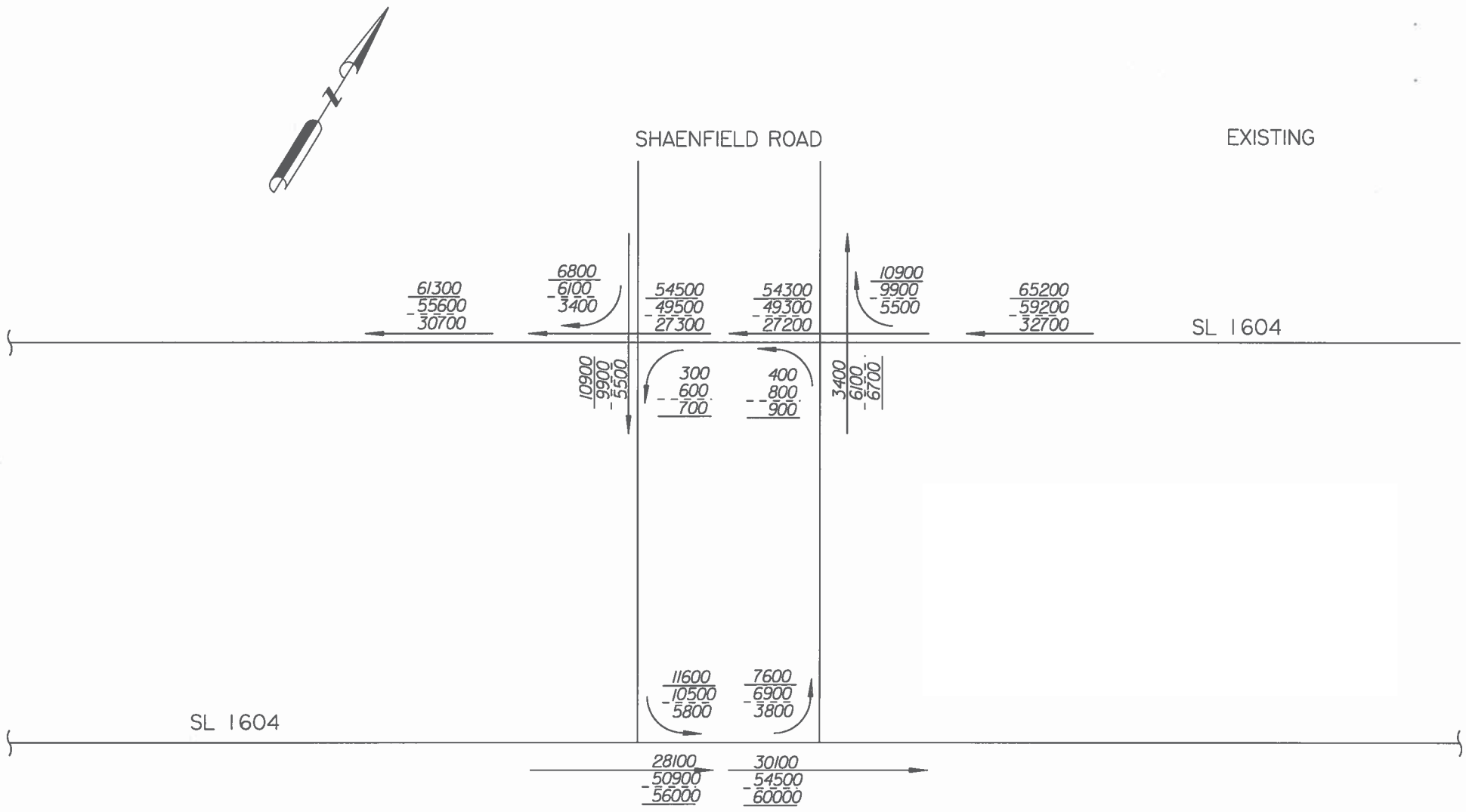
BEXAR COUNTY

TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
DECEMBER 12, 2012



LEGEND

1000 - 2013 ADT
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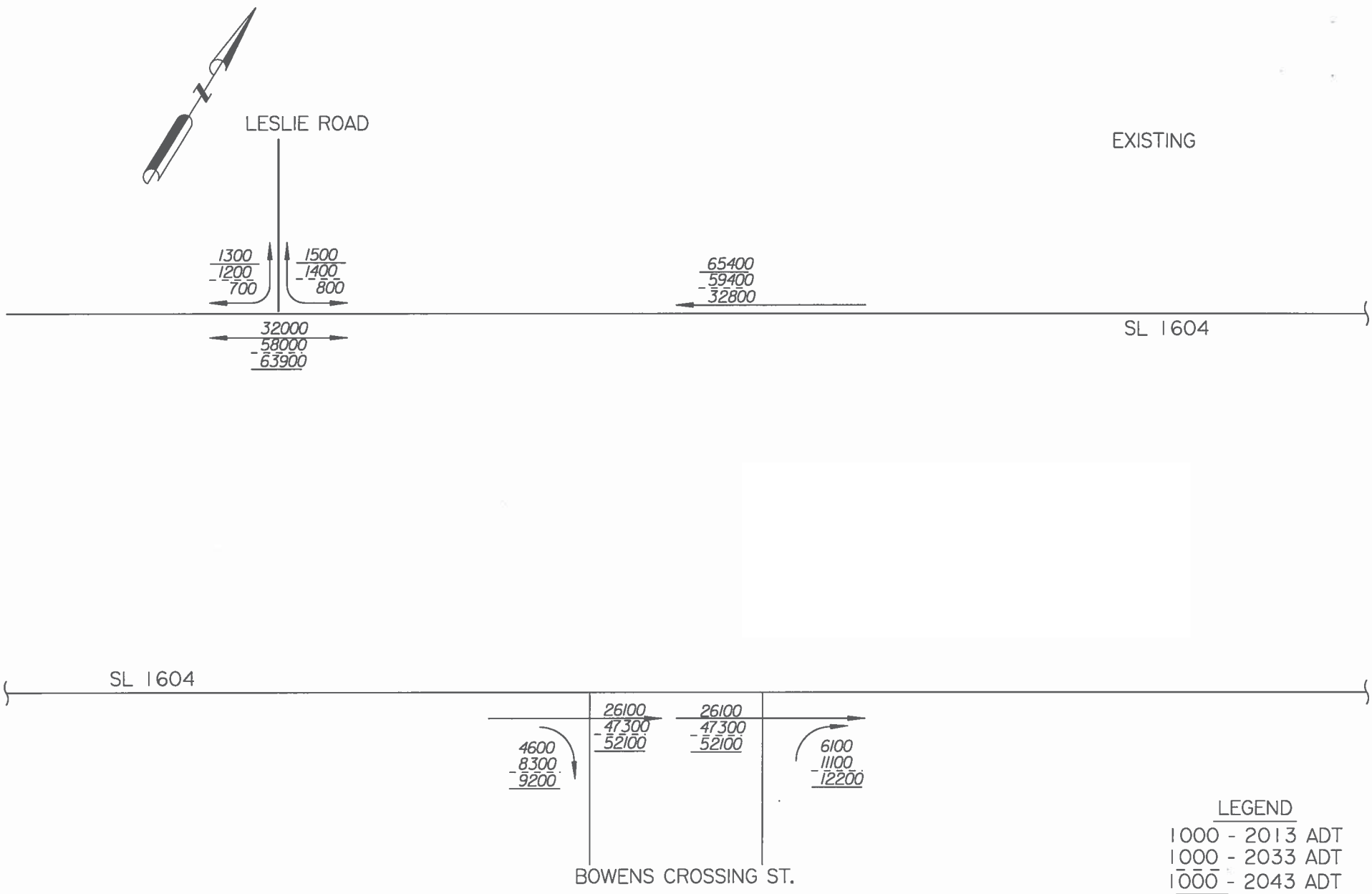
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
FEBRUARY 1, 2013



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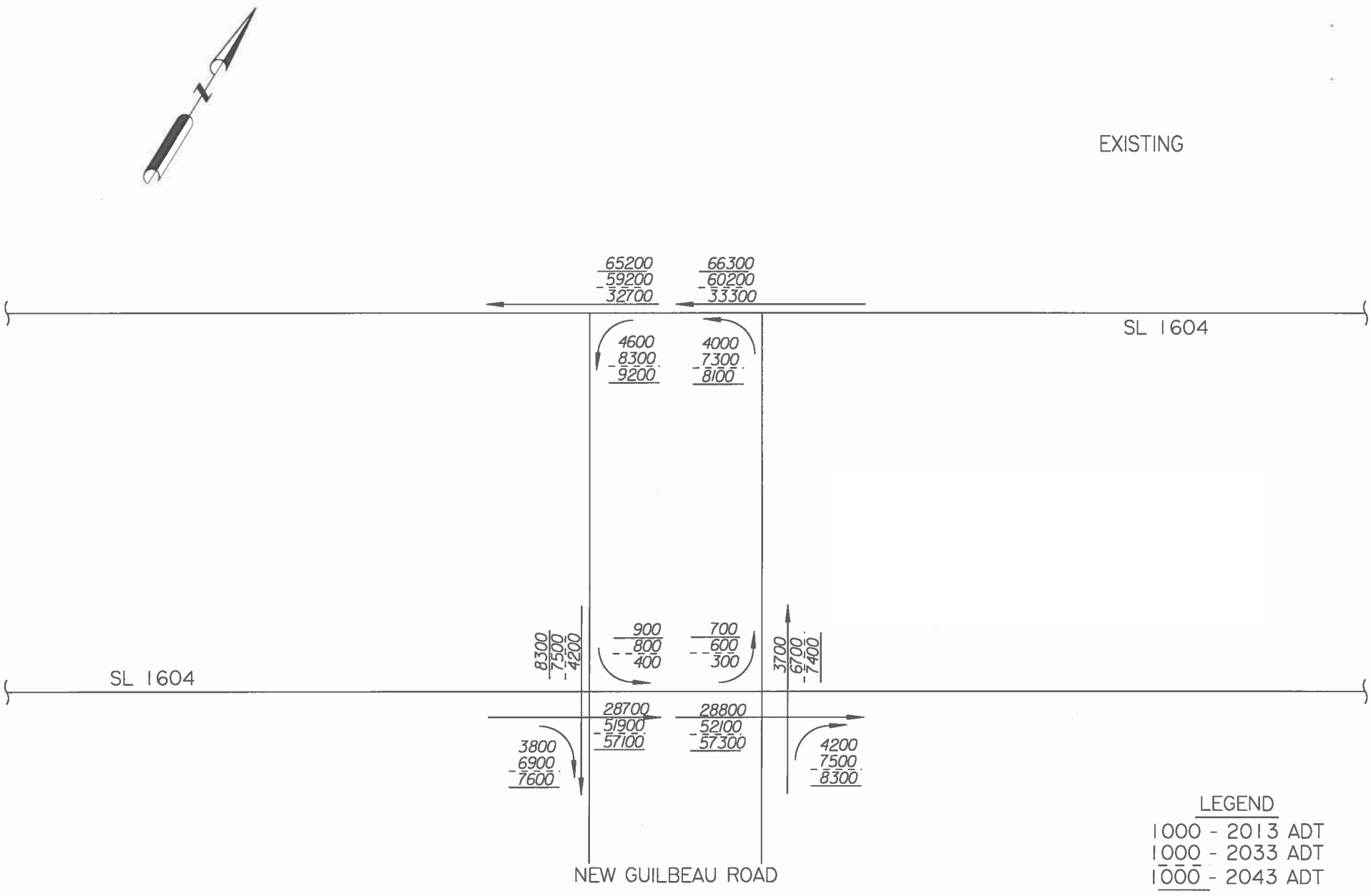
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
FEBRUARY 1, 2013



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TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
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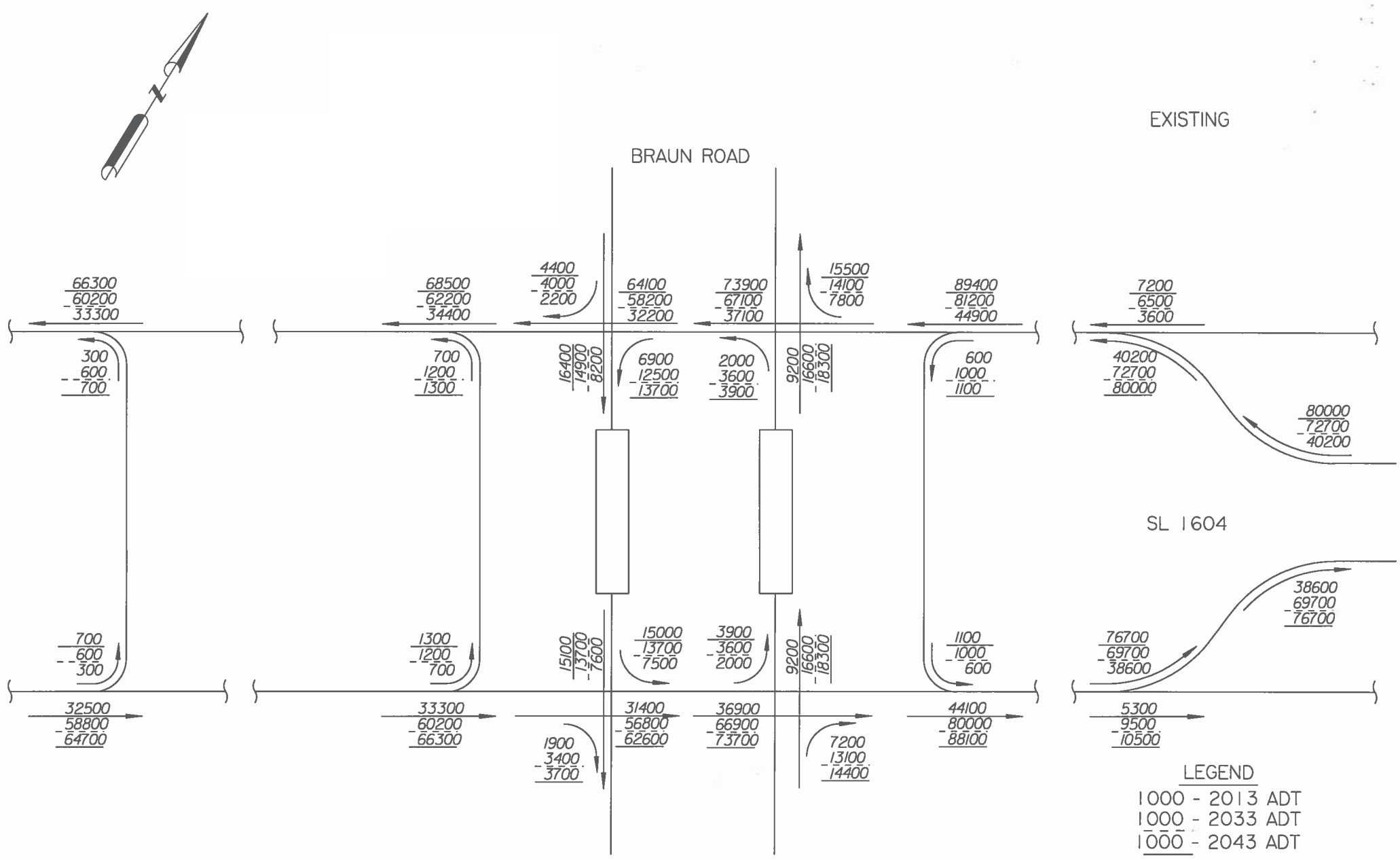

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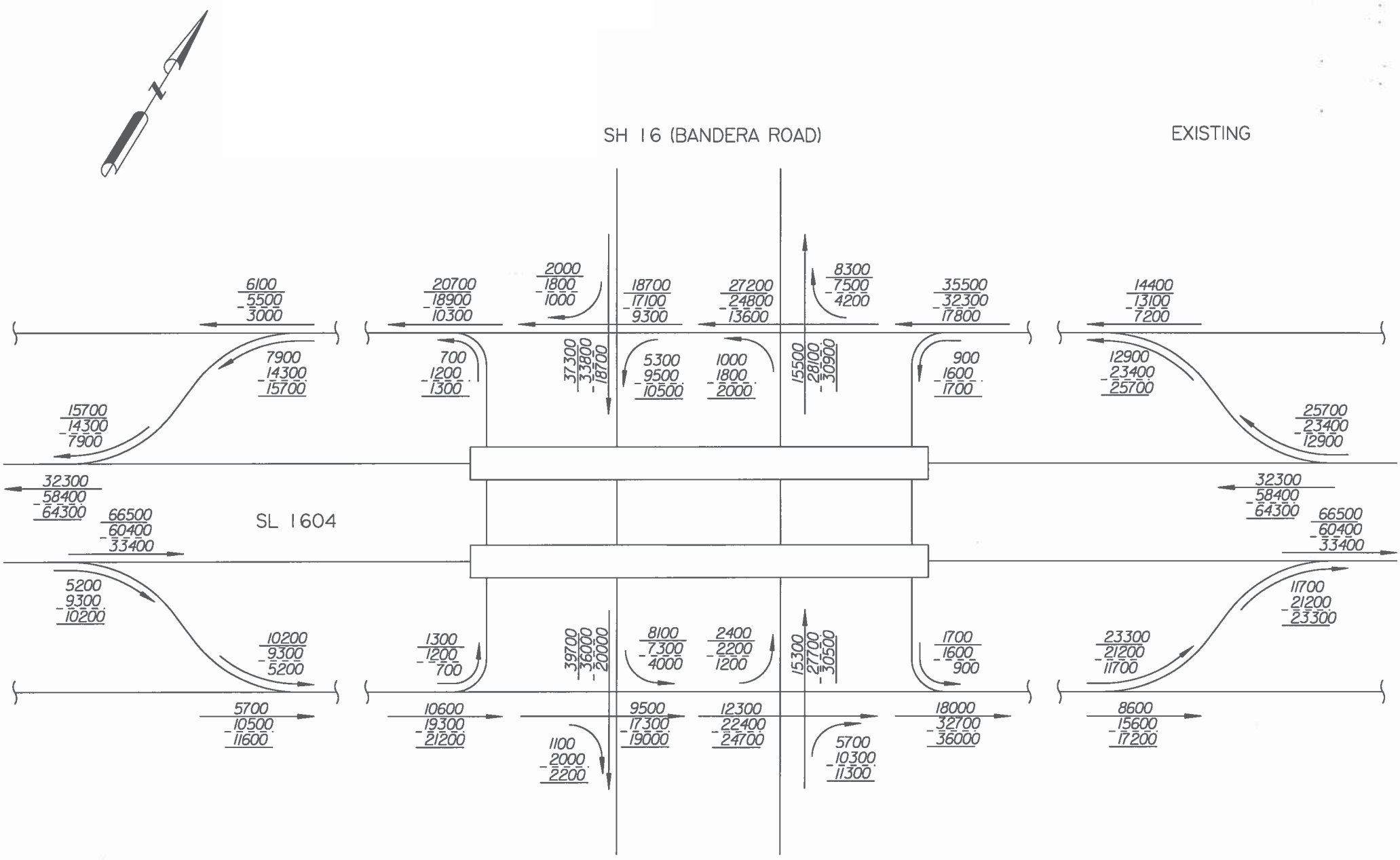

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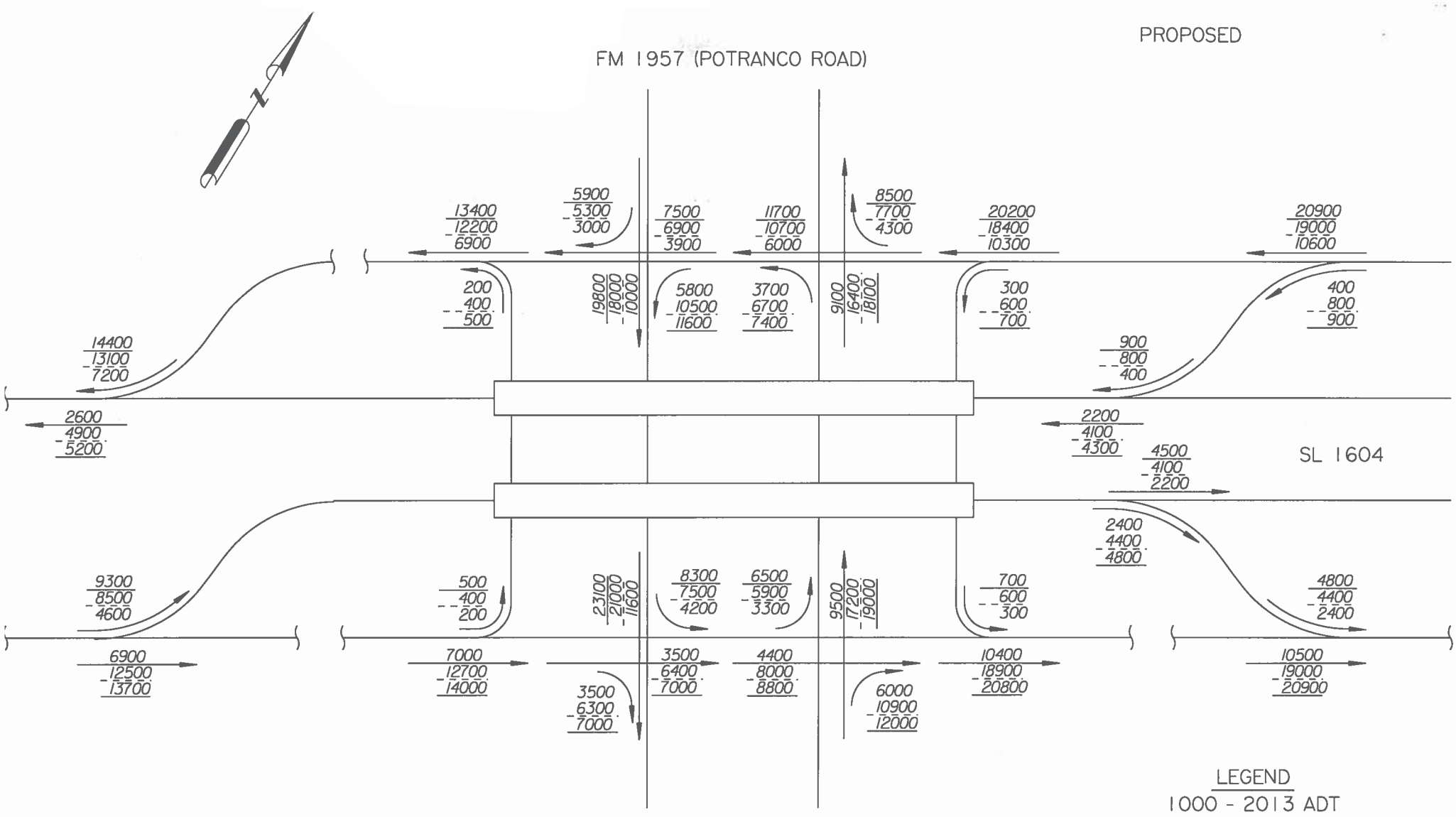
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
FEBRUARY 1, 2013

LEGEND

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



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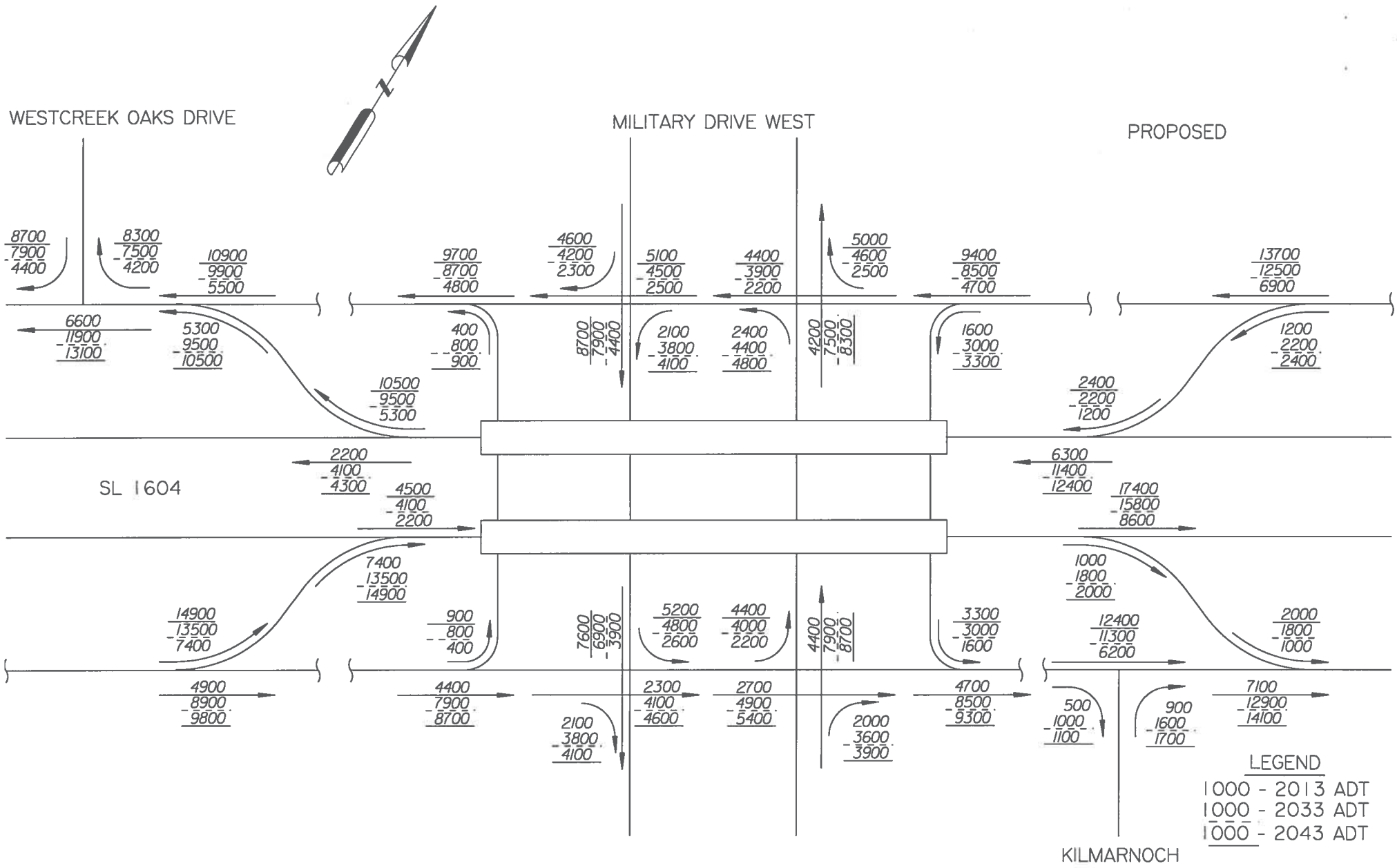
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
FEBRUARY 1, 2013



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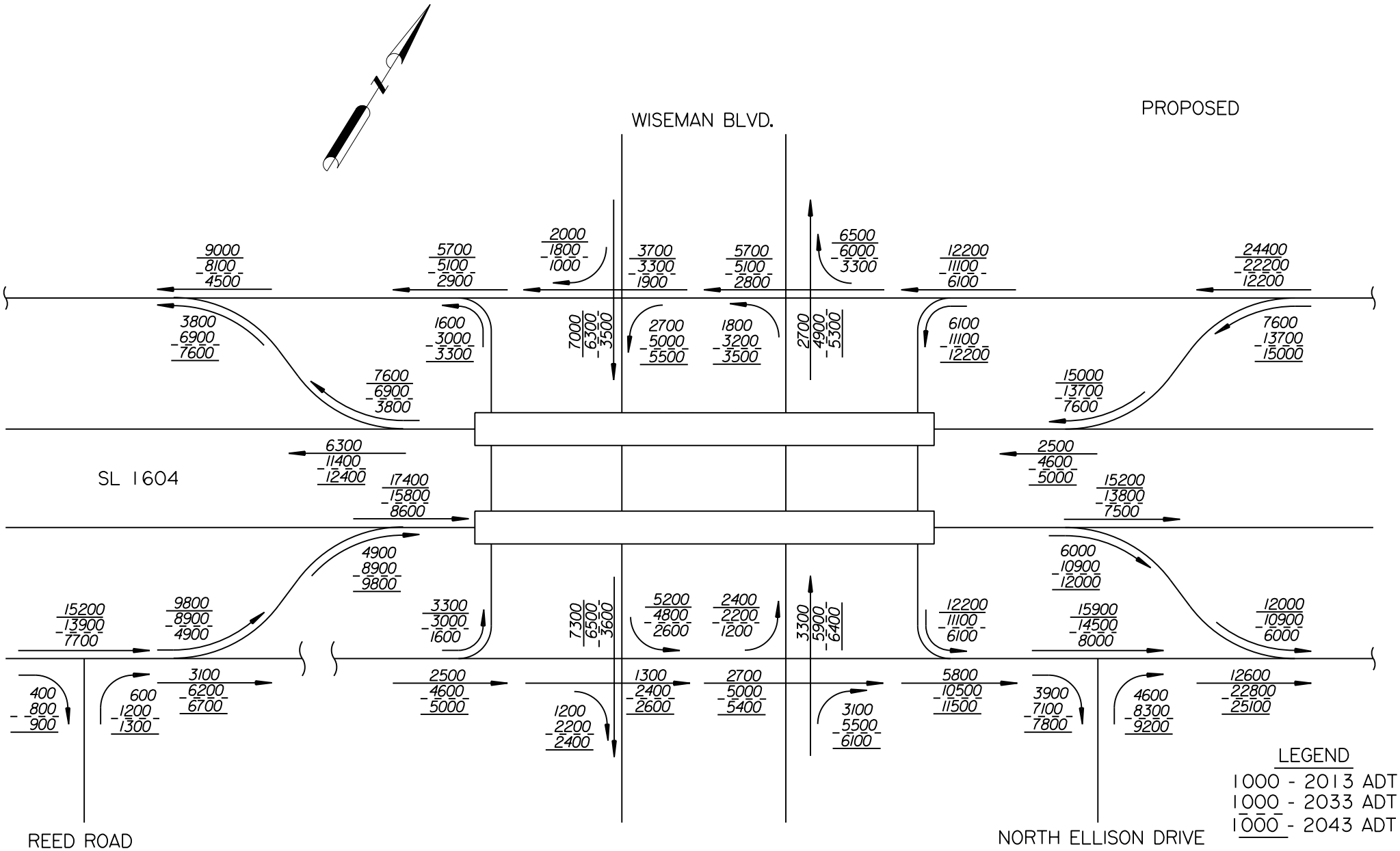
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
FEBRUARY 1, 2013



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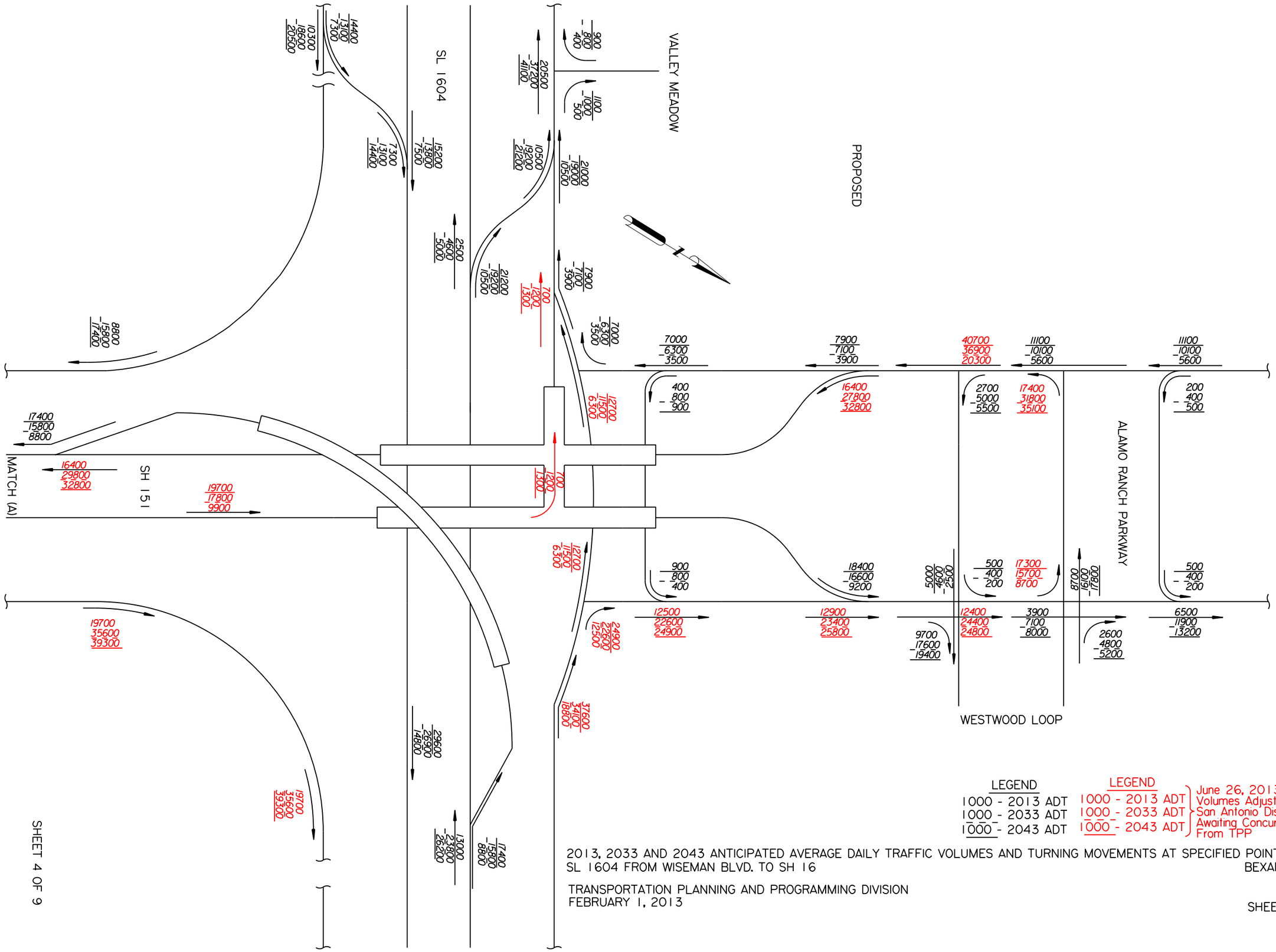
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
FEBRUARY 1, 2013



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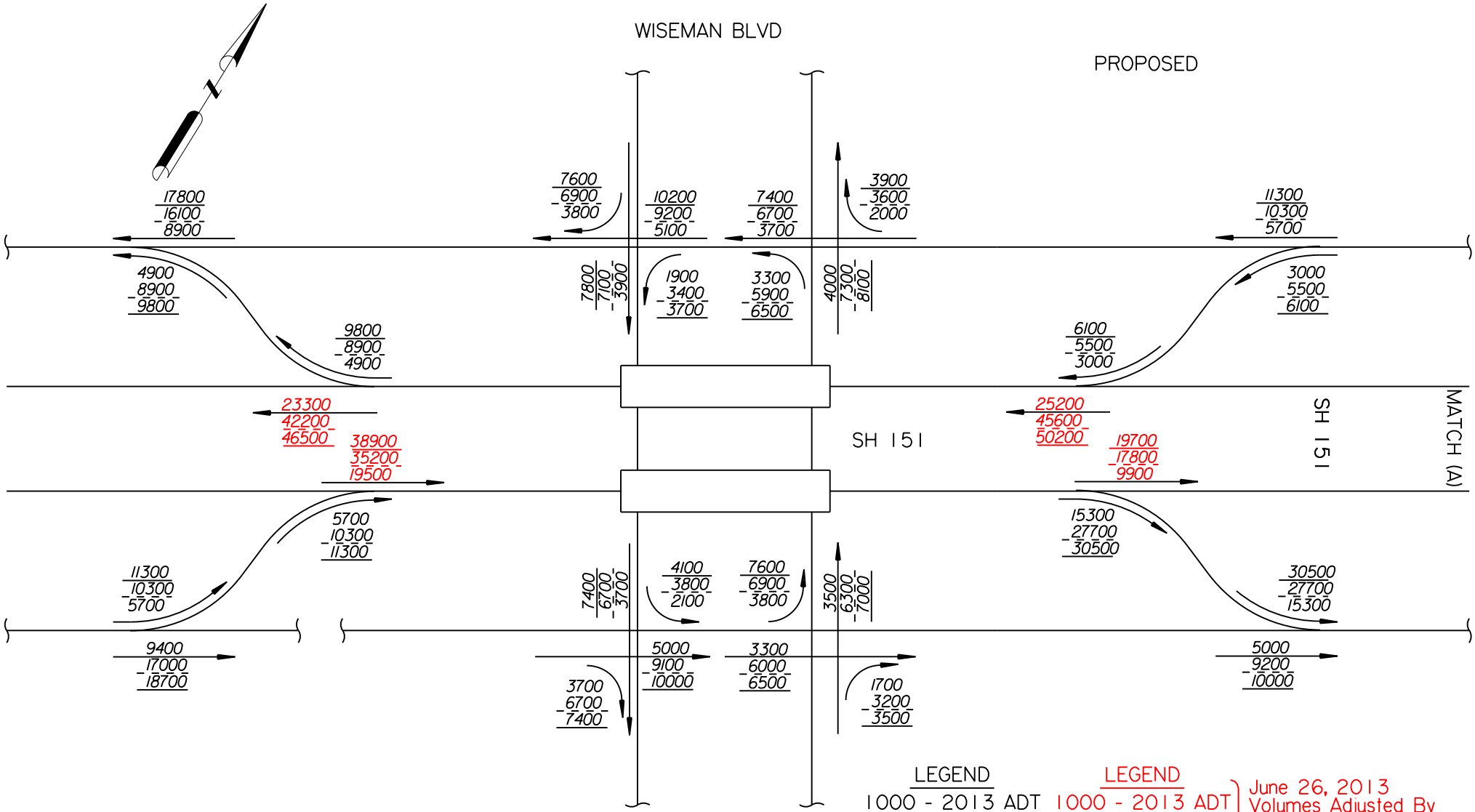
BEXAR COUNTY

TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
FEBRUARY 1, 2013

SHEET 4 OF 9



LEGEND	LEGEND	
1000 - 2013 ADT	1000 - 2013 ADT	June 26, 2013 Volumes Adjusted By San Antonio District Awaiting Concurrence From TPP
1000 - 2033 ADT	1000 - 2033 ADT	
1000 - 2043 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

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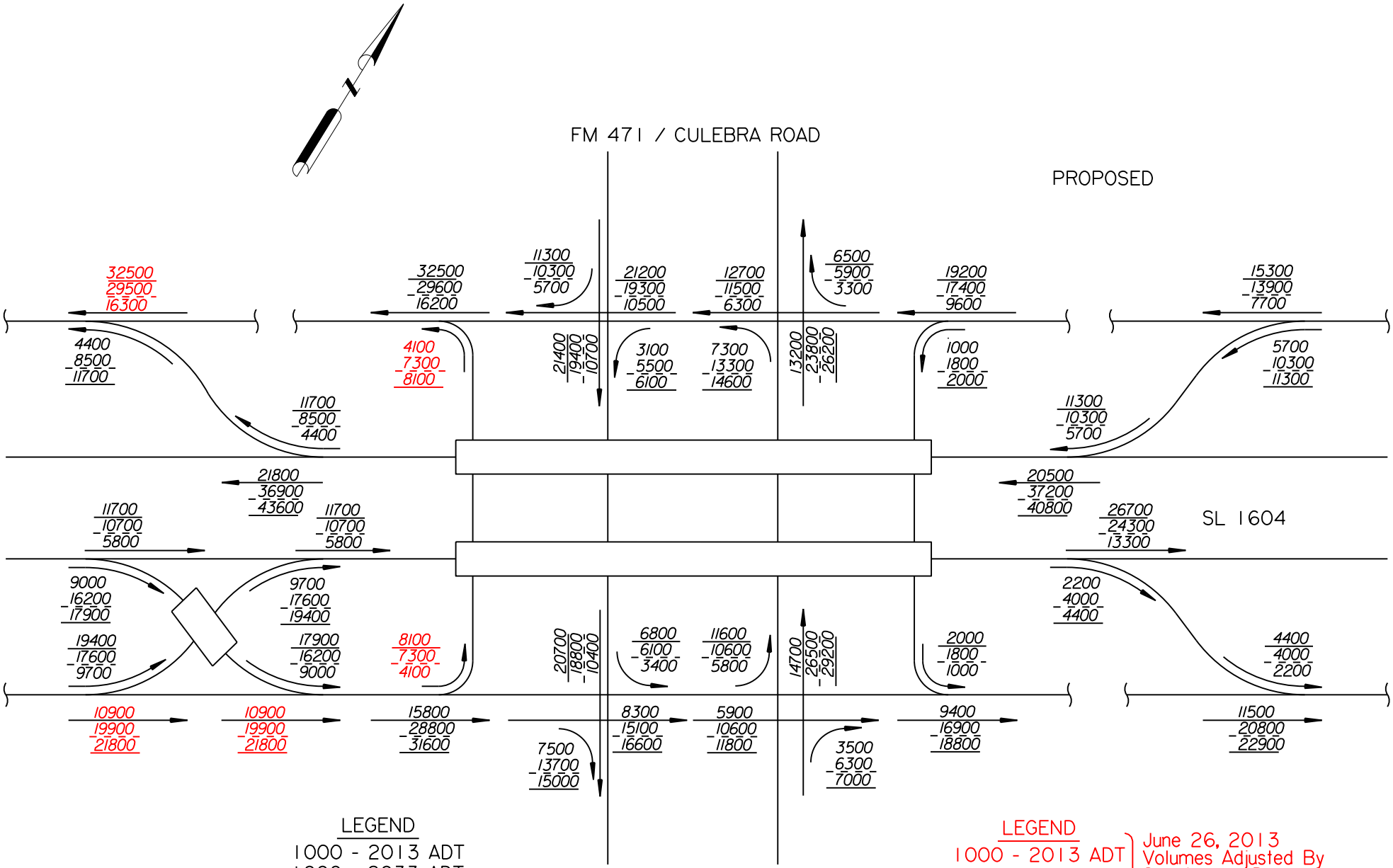

LEGEND

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1000 - 2033 ADT
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LEGEND

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1000 - 2033 ADT
1000 - 2043 ADT

June 26, 2013 Volumes Adjusted By San Antonio District Awaiting Concurrence From TPP

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

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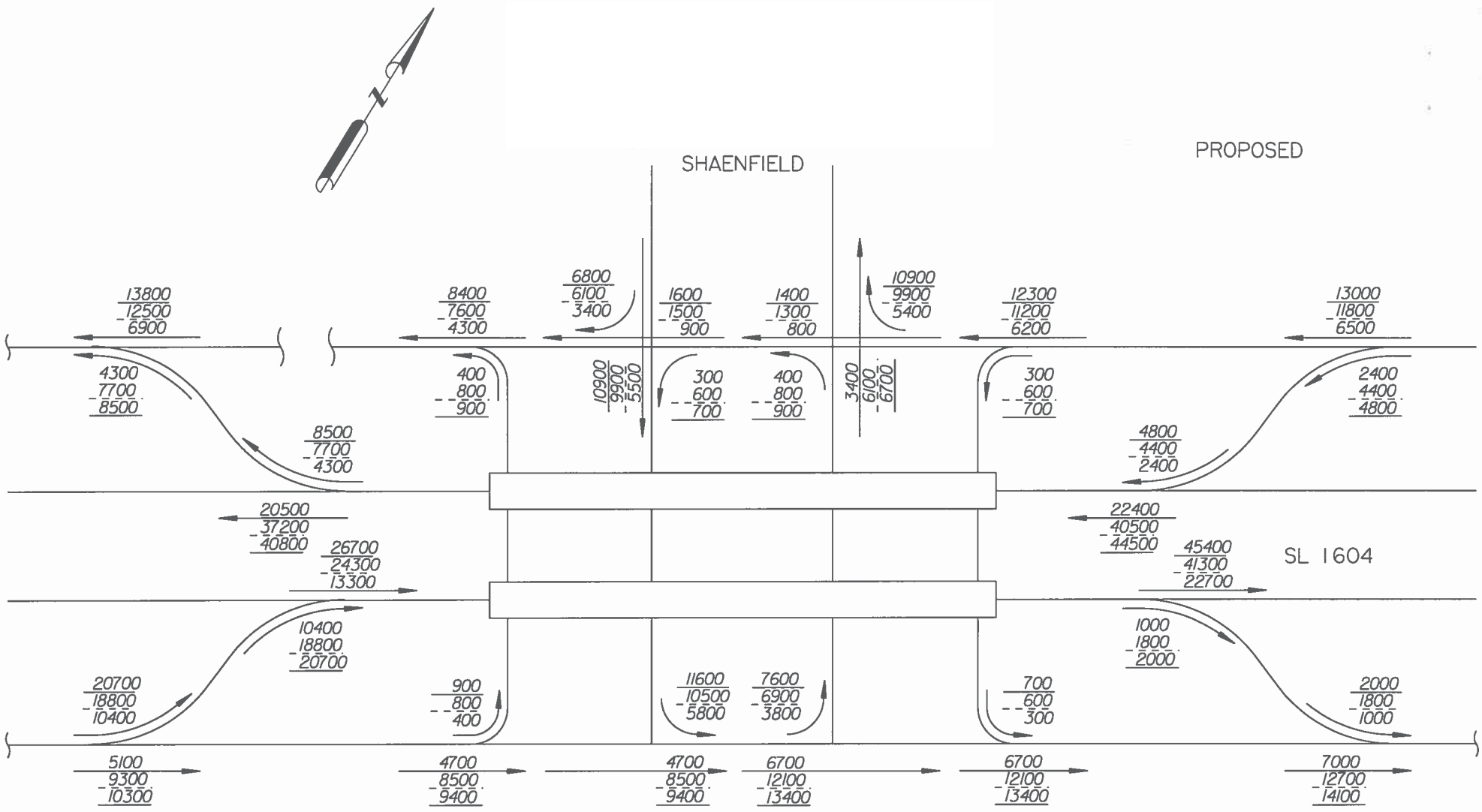

LEGEND

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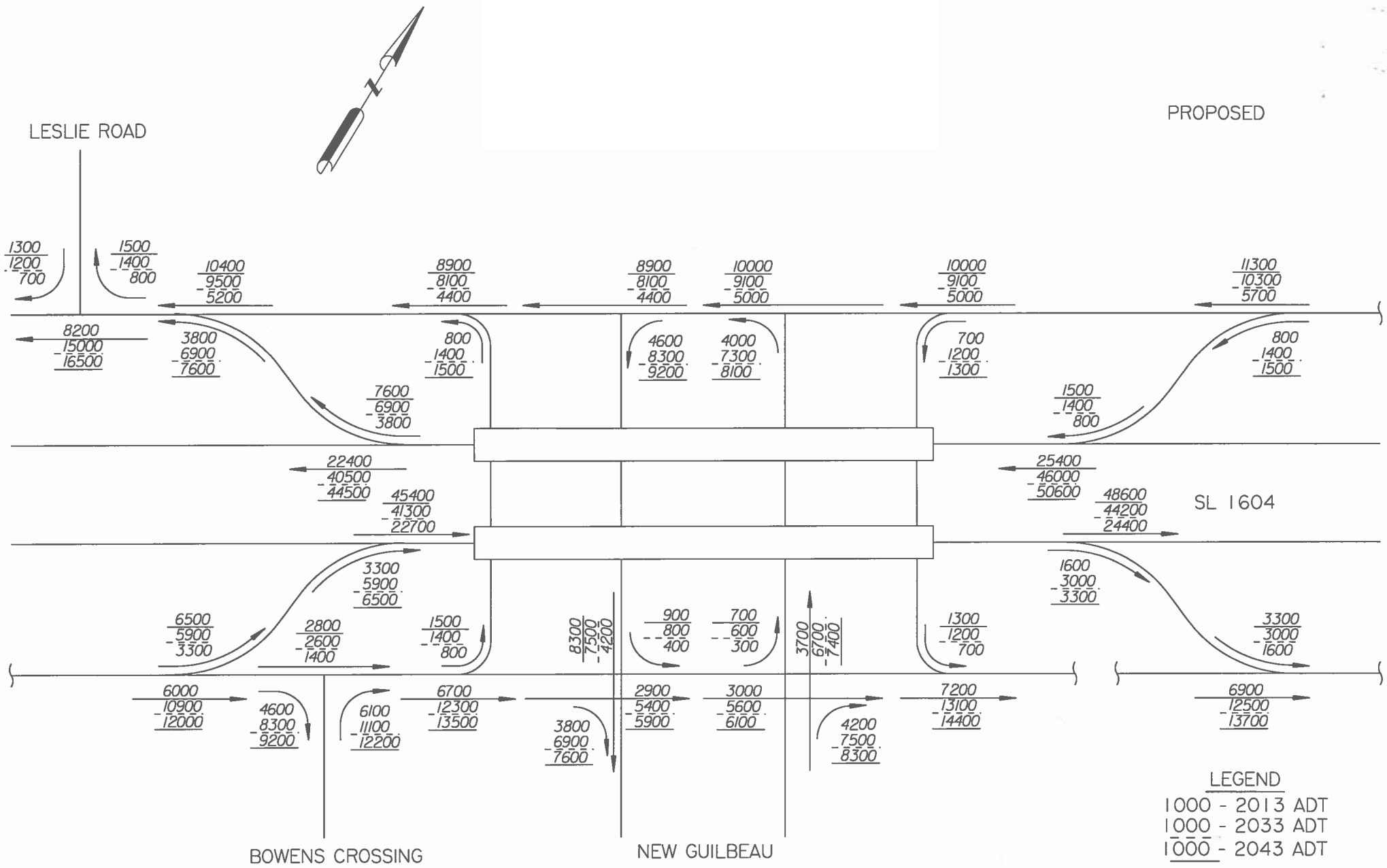

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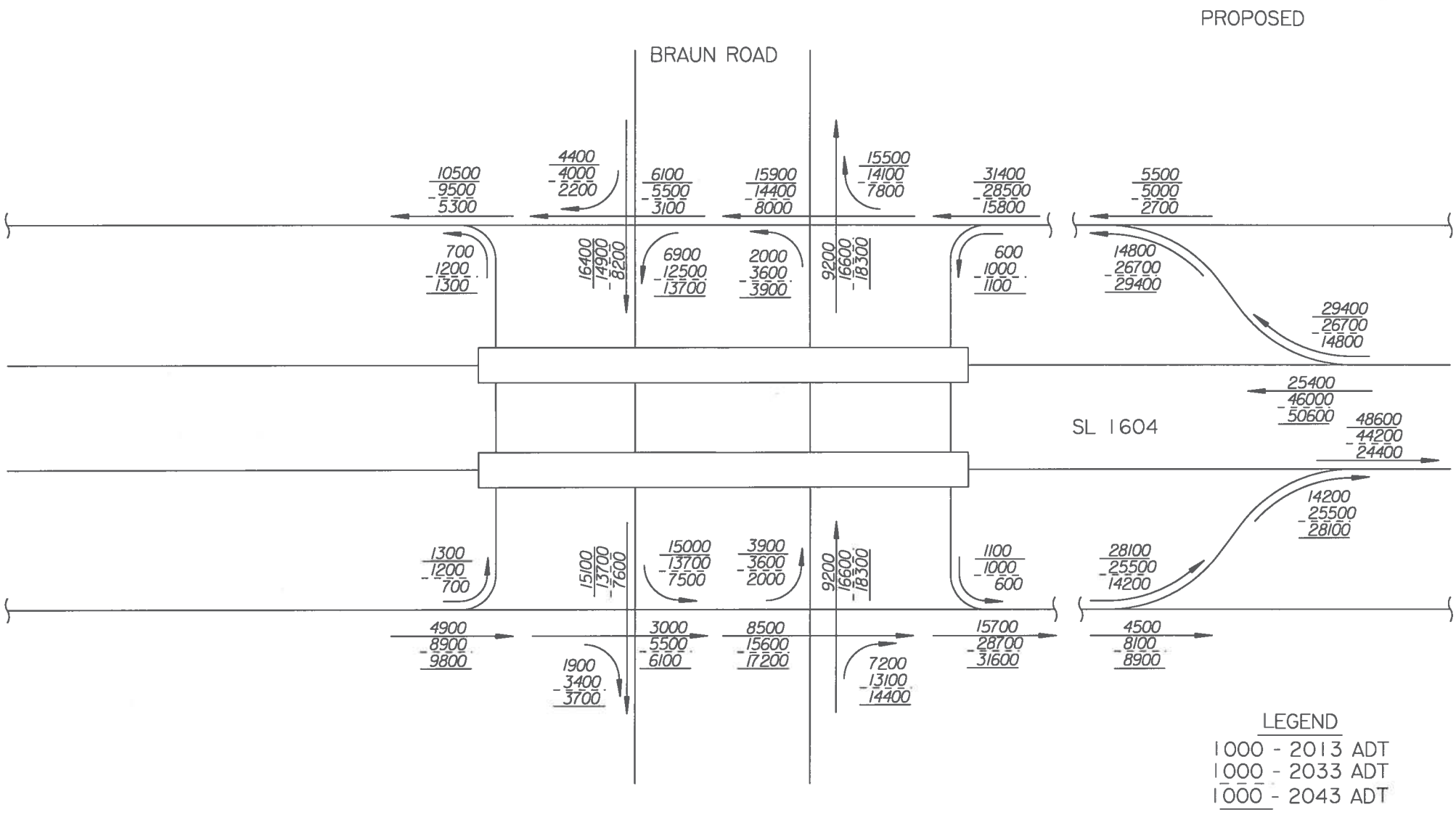

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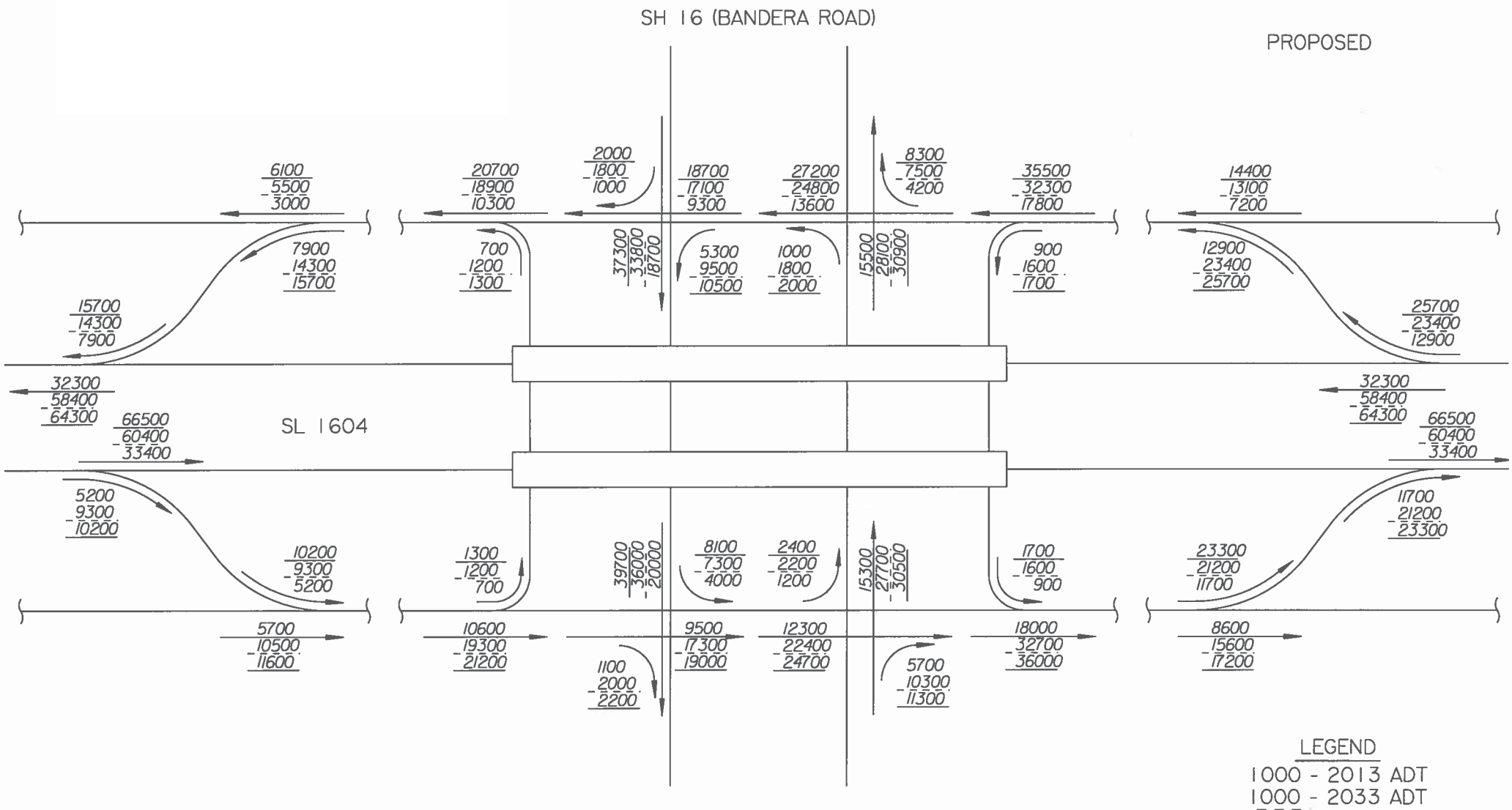

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BEXAR COUNTY

TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
FEBRUARY 1, 2013

TRAFFIC ANALYSIS FOR HIGHWAY DESIGN

San Antonio District

January 29, 2013

Description of Location	Average Daily Traffic 2013	Average Daily Traffic 2033	Base Year Dir Dist %	Base Year K Factor	Base Year Percent Trucks ADT	Base Year Percent Trucks DHV	ATHWLD	Percent Tandem Axles in ATHWLD	Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 20 Year Period (2013 to 2033) Flexible Pavement	S N	Rigid Pavement	SLAB
SL 1604 Existing Section 1 From Wiseman Blvd. To SH 151 Bexar County	46,300	83,600	57 - 43	8.2	5.8	3.8	12,200	20	9,290,000	3	11,409,000	8"

Data for Use in Air & Noise Analysis

Vehicle Class	Base Year % of ADT	Base Year % of DHV
Light Duty	94.2	96.2
Medium Duty	3.5	2.3
Heavy Duty	2.3	1.5

Description of Location	Average Daily Traffic 2013	Average Daily Traffic 2043	Base Year Dir Dist %	Base Year K Factor	Base Year Percent Trucks ADT	Base Year Percent Trucks DHV	ATHWLD	Percent Tandem Axles in ATHWLD	Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 30 Year Period (2013 to 2043) Flexible Pavement	S N	Rigid Pavement	SLAB
SL 1604 Existing Section 1 From Wiseman Blvd. To SH 151 Bexar County	46,300	91,900	57 - 43	8.2	5.8	3.8	12,200	20	14,826,000	3	18,208,000	8"

TRAFFIC ANALYSIS FOR HIGHWAY DESIGN

San Antonio District

January 29, 2013

Description of Location	Average Daily Traffic 2013	Average Daily Traffic 2033	Base Year Dir Dist %	Base Year K Factor	Base Year Percent Trucks ADT	Base Year Percent Trucks DHV	ATHWLD	Percent Tandem Axles in ATHWLD	Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 20 Year Period (2013 to 2033) Flexible Pavement	S N	Rigid Pavement	SLAB
SL 1604 Existing Section 2 From SH 151 To SH 16 Bexar County	87,500	158,400	57 - 43	8.2	4.1	2.7	12,400	20	12,514,000	3	15,322,000	8"

Data for Use in Air & Noise Analysis

Vehicle Class	Base Year % of ADT	Base Year % of DHV
Light Duty	95.9	97.3
Medium Duty	2.5	1.7
Heavy Duty	1.6	1.0

Description of Location	Average Daily Traffic 2013	Average Daily Traffic 2043	Base Year Dir Dist %	Base Year K Factor	Base Year Percent Trucks ADT	Base Year Percent Trucks DHV	ATHWLD	Percent Tandem Axles in ATHWLD	Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 30 Year Period (2013 to 2043) Flexible Pavement	S N	Rigid Pavement	SLAB
SL 1604 Existing Section 2 From SH 151 To SH 16 Bexar County	87,500	174,400	57 - 43	8.2	4.1	2.7	12,500	20	19,992,000	3	24,477,000	8"

TRAFFIC ANALYSIS FOR HIGHWAY DESIGN

San Antonio District

January 29, 2013

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SL 1604 Proposed Section 1 From Wiseman Blvd. To SH 151 Bexar County	48,500	88,100	57 - 43	8.2	5.7	3.8	12,200	20	9,604,000	3	11,792,000	8"

Data for Use in Air & Noise Analysis

Vehicle Class	Base Year % of ADT	Base Year % of DHV
Light Duty	94.3	96.2
Medium Duty	3.4	2.2
Heavy Duty	2.3	1.6

Description of Location	Average Daily Traffic 2013	Average Daily Traffic 2043	Base Year Dir Dist %	Base Year K Factor	Base Year Percent Trucks ADT	Base Year Percent Trucks DHV	ATHWLD	Percent Tandem Axles in ATHWLD	Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 30 Year Period (2013 to 2043) Flexible Pavement	S N	Rigid Pavement	SLAB
SL 1604 Proposed Section 1 From Wiseman Blvd. To SH 151 Bexar County	48,500	97,100	57 - 43	8.2	5.7	3.8	12,300	20	15,355,000	3	18,854,000	8"

TRAFFIC ANALYSIS FOR HIGHWAY DESIGN

San Antonio District

January 29, 2013

Description of Location	Average Daily Traffic 2013	Average Daily Traffic 2033	Base Year Dir Dist %	Base Year K Factor	Base Year Percent Trucks ADT	Base Year Percent Trucks DHV	ATHWLD	Percent Tandem Axles in ATHWLD	Total Number of Equivalent 18k Single Axle Load Applications One Direction Expected for a 20 Year Period (2013 to 2033) Flexible Pavement	S N	Rigid Pavement	SLAB
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