### **CRITICAL MOVEMENT ANALYSIS WORKSHEETS**

TRAFFIC ANALYSIS FOR
PALAZZO WESTWOOD
MIXED-USE DEVELOPMENT
(SUPERMARKET ALTERNATIVE)

Prepared for:

**CASDEN PROPERTIES** 

Prepared by:

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INTERSECTION:1, SUNSET BOULEVARD AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	k 12	IGHT TURNS	; **
APPROACH	LEFT		THROUGH	MT	IN ON GR		AX ON RED
WESTBOUND	300		1026	113	0		0
EASTBOUND	0		1855		355		Ŏ
NORTHBOUND	54		0 51				150
SOUTHBOUND	0		0		0		0
SOUTHBOOMD	V		Ū		•		· ·
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	0	0	0	3
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	1	0	0	Ð	1	0	2
SOUTHBOUND	0	0	0	0	0	0	0
		** ASS	IGNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEF.	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	300	N/1	A 5	513	N/A	N/A	N/A
EASTBOUND	n/A	N/Z	A 11	105	1105	N/A	N/A
NORTHBOUND	54	N/Z	A N	I/A	N/A	51	N/A
SOUTHBOUND	N/A	N/2	A I	I/A	N/A	N/A	N/A
	EAST-WEST CR	TICAL V	OLUMES			1405	
	NORTH-SOUTH					54	
	THE SUM OF C	RITICAL	VOLUMES .			1459	
	NUMBER OF CRITICAL CLEARANCE INTERVALS						
	CMA VALUE		0.954				
	LEVEL OF SER	VICE				E	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 2, SUNSET BOULEVARD AND HILGARD AVENUE/COPA DE ORO ROAD

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

#### \*\* INPUT VOLUMES \*\*

APPROACH				**	Ŕ	IGHT TURNS	3 **
711 I NOTION	LEFT		THROUGH	MI	N ON GR	EEN MA	X ON RED
WESTBOUND	499		1047		26		0
EASTBOUND	26		1172		299		0
NORTHBOUND	158		28		0		97
SOUTHBOUND	50		100		16		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	0	0	1	1	3
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	igned lai	NE VOLUME	s **		
APPROACH	LEFT	LEF.	r THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED O	NLY S	HARED	ONLY	SHARED
WESTBOUND	499	N/Z	A :	36	536	N/A	N/A
EASTBOUND	26	N/Z	4	736	736	n/a	N/A
NORTHBOUND	93	9:	3 1	I/A	N/A	0	N/A
SOUTHBOUND	n/a	N/3	A 1	N/A	N/A	N/A	166
	EAST-WEST CRI					1234 259	
	THE SUM OF C	RITICAL	VOLUMES			1493	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVAL	s	4*	
	CMA VALUE					1.016	
	LEVEL OF SERV	VICE		• • • • • • • •		F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Northbound and Southbound approaches have opposed signal phases.

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INTERSECTION: 3, SUNSET BOULEVARD AND BEVERLY GLEN BLVD./BEL AIR ROAD

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

#### \*\* INPUT VOLUMES \*\*

APPROACH				*	* R	IGHT TURNS	3 **
	LEFT		THROUGH	M	IN ON GR	EEN MA	AX ON RED
WESTBOUND	632		1589		56		0
EASTBOUND	1.8		1083		89		0
NORTHBOUND	49		44		0		316
SOUTHBOUND	103		77		24		0
		**	NIMBED	OF LANE	c **		
			MOMPEK	OF LAND	3		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	0	0	0	0	0	1	1
					rc **		
		** ASSI	GNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEFT	THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARE	ED ON	ILY	SHARED	ONLY	SHARED
WESTBOUND	632	N/A	. 8	322	822	N/A	N/A
EASTBOUND	18	N/A		86	586	N/A	N/A
NORTHBOUND	49	N/A	1	44	N/A	0	N/A
SOUTHBOUND	N/A	N/A		I/A	N/A	N/A	204
	EAST-WEST CR	TTTCAL VO	OLUMES			1218	
	NORTH-SOUTH					253	
						1471	
	THE SUM OF C	RITICAL V	OLUMES .		• • • • • •	1471	
	NUMBER OF CR	ITICAL CI	LEARANCE	INTERVA	LS	4*	

Northbound and Southbound approaches have opposed signal phases.

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CMA VALUE ..... 1.000

LEVEL OF SERVICE .....

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 4, MONTANA BOULEVARD AND SEPULVEDA BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	GHT TURNS	
	LEFT		THROUGH	MI	n on Gri	een ma	AX ON RED
WESTBOUND	70		111		92		0
EASTBOUND	11		349		80 480		0
NORTHBOUND	97		317				35
SOUTHBOUND	437		925		86		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
111 1 1101 1011	ONLY	SHARED	ONLY	SHARED	ONLY		LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	igned lan	E VOLUME	S **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	N/A	9		I/A	176	N/A	N/A
EASTBOUND	N/A	N/I	A N	I/A	n/A	N/A	440
NORTHBOUND	97	N/2	-	.58	N/A	480	N/A
SOUTHBOUND	437	N/I	A 5	606	506	N/A	N/A
	EAST-WEST CRI					510	
	NORTH-SOUTH C	CRITICAL	VOLUMES		*****	917	
	THE SUM OF CF	RITICAL	VOLUMES .			1427	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	S	3	
	CMA VALUE					0.931	
	LEVEL OF SERV	/ICE	• • • • • • • •			E	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:5, MONTANA BOULEVARD/GAYLEY AVENUE AND VETERAN AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	Ŕ	IGHT TURNS	3 **
	LEFT		THROUGH	IM	n on gr	een <i>ma</i>	AX ON RED
WESTBOUND	12		98		38		0
EASTBOUND	112		730		40		0
NORTHBOUND	86		306		32		0
SOUTHBOUND	127		402		35		0
					**		
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		** 766.			C **		
		** ASS.	IGNED LAN	IE AOTOWE	.S **		
APPROACH	LEFT	LEF.	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	N/A	N/2	A N	I/A	N/A	N/A	148
EASTBOUND	n/a	N/I	-	I/A	N/A	N/A	882
NORTHBOUND		N/I		I/A	N/A	N/A	424
SOUTHBOUND	n/A	N/I	A 1	1/A	N/A	N/A	564
	EAST-WEST CRI	TICAL V	OLUMES .			894	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •	• • • • •	650	
	THE SUM OF CE	ንተመተሮአ፣ ነ	UAT HMPS			1544	
	INE SOM OF CE	CIICAL	VOLUPIES .		• • • • • •	1044	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	.s	2	
	CMA VALUE					0.959	
	LEVEL OF SERV	/ICE		. <i>.</i>		E	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 6, WYTON DRIVE AND HILGARD AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	I.	IGHT TURNS			
	LEFT		THROUGH	MI	n on GRI	een ma	AX ON RED		
WESTBOUND	22		114		48		0		
EASTBOUND	17		32		10		102		
NORTHBOUND	204		234		16		0		
SOUTHBOUND	48		603		455		0		
		**	NUMBER	OF LANES	**				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
111 111011011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	0	0	0	0	0	1	1		
EASTBOUND	0	1	0	0	1	0	2		
NORTHBOUND		0	1	1	0	0	3		
SOUTHBOUND		0	1	1	0	0	3		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEF.	r THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED		
WESTBOUND	N/A	N/2	A. N	I/A	N/A	N/A	184		
EASTBOUND	N/A	4:		I/A	n/a	10	N/A		
NORTHBOUND	204	N/3	A. 1	L <b>2</b> 5	125	N/A	N/A		
SOUTHBOUND	48	N/1	A. 5	529	529	N/A	N/A		
	EAST-WEST CRI					201 733			
	NORTH-SOUTH C	RITICAL	VOLUMES		• • • • • •	133			
	THE SUM OF CF	RITICAL	VOLUMES .			934			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	us	2			
	CMA VALUE					0.553			
	LEVEL OF SERV	/ICE	• • • • • • •			A			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 7, LEVERING AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**		GHT TURNS				
	LEFT		THROUGH	M	in on Gri	een ma	X ON RED			
WESTBOUND	0		0		1		0			
EASTBOUND	46		0		300					
NORTHBOUND	55		406		5		0			
SOUTHBOUND	0		402		39		0			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	0	0	0	0	1	1			
EASTBOUND	0	0	0	0	0	1	1			
NORTHBOUND	0	0	0	0	0	1	1			
SOUTHBOUND	0	0	0	0	0	1	1			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
111 1 1/01/01	ONLY	SHAR	= :		SHARED	ONLY	SHARED			
WESTBOUND	N/A	N/		/A	N/A	N/A	1			
EASTBOUND	N/A	N/		/A.	N/A	N/A	346			
NORTHBOUND	N/A	N/		/A	N/A	N/A	466			
SOUTHBOUND		N/.		I/A	N/A	N/A	441			
	EAST-WEST CRI	TICAL V	OLUMES			346				
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • •		496				
	THE SUM OF CE	RITICAL	VOLUMES .		• • • • • •	842				
NUMBER OF CRITICAL CLEARANCE INTERVALS 2										
	CMA VALUE					0.491				
	LEVEL OF SERV	/ICE				A				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:8, LE CONTE AVENUE AND GAYLEY AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	3 **
111 11(011011	LEFT		THROUGH	MI	N ON GR	EEN MA	AX ON RED
WESTBOUND	209		56		212		54
EASTBOUND	55		65		15		0
NORTHBOUND	11		894		176		0
SOUTHBOUND	107		290		7		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	0	1	0	3
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** 765	CHED IN	NE VOLUME	·c **		
		n Ass.	IGNED LAI	VE VOLUME			
APPROACH	LEFT	LEF*	r thro	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED O	NLY S	HARED	ONLY	SHARED
WESTBOUND	209	N/2	A	56	N/A	212	N/A
EASTBOUND	55	N/	A 1	N/A	80	N/A	N/A
NORTHBOUND	11	N/	A	535	535	N/A	N/A
SOUTHBOUND	107	N/	<b>A</b> :	148	148	N/A	N/A
	EAST-WEST CRI					289	
	NORTH-SOUTH (	CRITICAL	VOLUMES		• • • • • •	642	
	THE SUM OF CE	RITICAL	VOLUMES			931	
NUMBER OF CRITICAL CLEARANCE INTERVALS 2							
	CMA VALUE					0.551	
	LEVEL OF SERV	VICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:9, LE CONTE AVENUE AND WESTWOOD PLAZA/WESTWOOD BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	F	RIGHT TURNS	3 **
	LEFT		THROUGH	MI	N ON GE	REEN MA	AX ON RED
WESTBOUND	136		335		86		28
EASTBOUND	125		289		45		0
NORTHBOUND	123		823		180		68
SOUTHBOUND	57		232		31		68
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	0	1	0	3
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	2	0	1	0	4
		** 749	IGNED LAN	IF VOLUME	'Q **		
		···· ADD.	EGMID IIA	IB VODOME	10		
APPROACH	LEFT	LEF	r THRO		RIGHT	RIGHT	L/T/R
	ONLY	SHAR			HARED	ONLY	SHARED
WESTBOUND	136	N/Z	-	335	N/A	86	N/A
EASTBOUND	125	N/I		I/A	334	N/A	N/A
NORTHBOUND		N/X	A 4	112	N/A	180	N/A
SOUTHBOUND	57	N/.	A. 1	116	N/A	31	N/A
	FAST-WEST CR		OT IMES			470	
	EAST-WEST CR					469	
	NORTH-SOUTH (	KILICAL	VOLUMES			403	
	THE SUM OF C	RITICAL	VOLUMES .			939	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	e.	2	
	CMA VALUE					0.556	
	LEVEL OF SER	VICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:10, LE CONTE AVENUE AND TIVERTON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				* *	r R	IGHT TURNS	s **
	LEFT		THROUGH	M	IN ON GR	EEN MA	AX ON RED
WESTBOUND	19		438		68		0
EASTBOUND	150		301		40		0
NORTHBOUND	17	103			23		0
SOUTHBOUND	47		38		190		75
		**	NUMBER	OF LANES	; **		
			1101115111	VI 1111111	•		
APPROACH	LEFT.	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	1	0	0	1	0	2
		** ASS	IGNED LAN	IE VOLUMI	ES **		
APPROACH	LEFT	LEF	r THRO		RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	19	N/2		253	253	N/A	N/A
EASTBOUND	150	N/		L70	170	N/A	N/A
NORTHBOUND		N/Z		I/A	N/A	N/A	143
SOUTHBOUND	N/A	8	5 <b>1</b>	I/A	N/A	190	N/A
	EAST-WEST CR					403	
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • •		207 	
	THE SUM OF C	RITICAL	VOLUMES .			610	
NUMBER OF CRITICAL CLEARANCE INTERVALS						2	
	CMA VALUE					0.346	
	LEVEL OF SERV	/ICE	• • • • • • •			A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:11, LE CONTE AVENUE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

### \*\* INPUT VOLUMES \*\*

APPROACH				**	1/1	GHT TURNS	=		
	LEFT		THROUGH	MI	N ON GRE	een ma	AX ON RED		
WESTBOUND	26		132		8		0		
EASTBOUND	282		42		0		38		
NORTHBOUND	41				30		0		
SOUTHBOUND	12		296		208		162		
		**	NUMBER	OF LANES	**				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	0	1	Ð	0	2		
EASTBOUND	1	1	0	0	1	0	3		
NORTHBOUND	0	0	0	0	0	1	1		
SOUTHBOUND	0	1	1	0	1	0	3		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHARI	ED ON	LY S	HARED	ONLY	SHARED		
WESTBOUND	26	N/2	A N	I/A	140	N/A	N/A		
EASTBOUND	162	162	2 N	/A	N/A	0	N/A		
NORTHBOUND	•	N/2	A N	I/A	N/A	N/A	580		
SOUTHBOUND	n/a	14	4 1	.64	N/A	208	N/A		
EAST-WEST CRITICAL VOLUMES									
	THE SUM OF CE	RITICAL	VOLUMES .		•••••	894			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	.s	3*			
	CMA VALUE					0.557			
	LEVEL OF SERV	CE				A			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Eastbound and Westbound approaches have opposed signal phases.

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INTERSECTION:12, WEYBURN AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

			,				
APPROACH				**	R	IGHT TURNS	3 **
	LEFT		THROUGH	M	N ON GR	een ma	AX ON RED
WESTBOUND	274		0		66		0
EASTBOUND	0		0		0		0
NORTHBOUND	0		281		404		170
SOUTHBOUND	137		639		0		0
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
712 2 1 (07 1031	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	0	0	1	2
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3
		** ASS	IGNED LAN	E VOLUMI	ES **		
APPROACH	LEFT	LEF			RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	170	N/I		I/A	N/A	N/A	170
EASTBOUND	N/A	N/I		I/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/3		40	N/A	404	N/A
SOUTHBOUND	137	и/:	A, 3	320	N/A	N/A	N/A
	EAST-WEST CR					170 541	
	MORIN GOOTH						
	THE SUM OF C	RITICAL '	VOLUMES .			711	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.404	
	LEVEL OF SER	VICE	• • • • • • • •			A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:13, WEYBURN AVENUE AND GAYLEY AVENUE
DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	r.	IGHT TURNS	
	LEFT		THROUGH	MI	N ON GR	een Ma	X ON RED
WESTBOUND	34		92		33		0
EASTBOUND	389		212		61		0
NORTHBOUND	80		737		146		0
SOUTHBOUND	28		355		207		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	E VOLUME	s **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	N/A	7:		I/A	86	N/A	N/A
EASTBOUND	389	N/A	A. N	i/A	273	N/A	N/A
NORTHBOUND	80	N/I	A. 4	42	442	N/A	N/A
SOUTHBOUND	28	N/	A 2	281	281	N/A	N/A
	EAST-WEST CRI	TICAL V	OLUMES			475	
	NORTH-SOUTH C					470	
	THE SUM OF CF	RITICAL	VOLUMES .			945	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAI	is	2	
	CMA VALUE					0.560	
	LEVEL OF SERV	/ICE	• • • • • • •			A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:14, WEYBURN AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	17.	IGHT TURNS			
	LEFT		THROUGH	M	in on gr	een ma	AX ON RED		
WESTBOUND	27		74		37		0		
EASTBOUND	64		100		41		0		
NORTHBOUND	65		1025		32				
SOUTHBOUND	15		335		4		32		
** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	0	0	0	0	0	1	1		
EASTBOUND	0	1	0	1	0	0	2		
NORTHBOUND	1	0	1	1	0	0	3		
SOUTHBOUND	0	1	1	0	1	0	3		
		** ASS	IGNED LAN	E VOLUM	ES **				
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ED ON	LY	SHARED	ONLY	SHARED		
WESTBOUND	N/A	N/X		I/A	N/A	N/A	138		
EASTBOUND	N/A	10	2 N	I/A	102	N/A	N/A		
NORTHBOUND	65	N/2	A. 5	28	528	N/A	N/A		
SOUTHBOUND	N/A	14	3 2	207	N/A	4	N/A		
	EAST-WEST CRI	TICAL V	OLUMES .			202			
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • •	• • • • • •	543			
	THE SUM OF CR	RITICAL	VOLUMES .			745			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	Ls	2			
	CMA VALUE					0.427			
	LEVEL OF SERV	TICE				A			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:15, WEYBURN AVENUE AND GLENDON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH			munouau	**	1/1	GHT TURNS	** AX ON RED
	LEFT 49		THROUGH 102	MI	n on gri 0	SEN MAS	O RED
WESTBOUND	0		120		60		ŏ
EASTBOUND	68		0		11		24
NORTHBOUND SOUTHBOUND	0		0		0		0
SOUTHBOOMD	U		Ū		J		•
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL
	ONLY	SHARED	ONLY		ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	0	0	0	0	0	0	0
		** ASS	IGNED LAN	E VOLUME	s **		
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R
<del></del>	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	N/A	N/2	<b>A</b> . N	I/A	N/A	N/A	151
EASTBOUND	N/A	N/7	A N	I/A	N/A	N/A	180
NORTHBOUND	68	N/7	A, N	I/A	N/A	11	N/A
SOUTHBOUND	n/a	N/A	A, N	I/A	N/A	N/A	N/A
	EAST-WEST CRI	TICAL V	OLUMES			229	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •		68 	
	THE SUM OF CR	RITICAL '	VOLUMES .			297	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	is	2	
	CMA VALUE			· • • • • • • •		0.168	
	LEVEL OF SERV	CE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:16, WEYBURN AVENUE AND TIVERTON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

### \*\* INPUT VOLUMES \*\*

1 DDD03 6W				* 1	. T	RIGHT TURNS	2 **
APPROACH	T TO THE		THROUGH		. IN ON GI		AX ON RED
WESTBOUND	LEFT O		85	141.	IN ON GP	CEEN P	0
EASTBOUND	43		71		0		Ö
NORTHBOUND			111		21		Õ
SOUTHBOUND	26		0		62		ő
SOUTHBOOKD	20		·		02		v
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	IGNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	N/A	N/X	A N	I/A	N/A	N/A	95
EASTBOUND	n/a	N/3		I/A	N/A	N/A	114
NORTHBOUND	•	N/		I/A	N/A	N/A	148
SOUTHBOUND	N/A	N/	A N	I/A	N/A	N/A	88
	EAST-WEST CRI	TTCAL V	OLUMES			138	
	NORTH-SOUTH C					174	
	THE SUM OF CF	RITICAL	VOLUMES .			312	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	0*	
	CMA VALUE			•••••		0.312	
	LEVEL OF SERV	CE			• • • • • •	A	

Capacity assumed = 1000.

INTERSECTION:17, WEYBURN AVENUE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				*:	* R	IGHT TURNS	3 **
ALLMONEII	LEFT		THROUGH	M:	IN ON GR		AX ON RED
WESTBOUND	4		32		32		0
EASTBOUND	37		9		34		0
NORTHBOUND	22		472		10		0
SOUTHBOUND	12		297		56		0
		**	NUMBER	OF LANE:	S **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		** 266		E MOTING	FC **		
		nn Abb.	IGNED LAN	E ACTOM	ED ^^		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	LY	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/I	A N	/A	N/A	N/A	68
EASTBOUND	N/A	N/X		i/A	N/A	N/A	80
NORTHBOUND		N/I		i/A	N/A	N/A	504
SOUTHBOUND	N/A	N/2	A N	I/A	N/A	N/A	365
						205	
	EAST-WEST CRI			• • • • • •	• • • • • • •	105 516	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • • •		310	
	THE SUM OF CE	RITICAL	VOLUMES .	• • • • • •		621	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.352	
	LEVEL OF SERV	/ICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:18, KINROSS AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH	LEFT		THROUGH	** MI	N ON GR	IGHT TURNS EEN MA	X ON RED		
WESTBOUND	25		0		0		31		
EASTBOUND	0		0		0		0		
NORTHBOUND	0		897		244		7		
SOUTHBOUND	95		712		0		0		
** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	2	0	0	0	1	0	3		
EASTBOUND	0	0	0	0	0	0	0		
NORTHBOUND	Ó	0	2	0	1	0	3		
SOUTHBOUND	1	0	2	0	0	0	3		
		** ASS	IGNED LAN	E VOLUME	ls **				
APPROACH	LEFT	LEFT	r Thro	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHARI	ED ON	ILY S	HARED	ONLY	SHARED		
WESTBOUND	14	N/2	A N	I/A	N/A	0	N/A		
EASTBOUND	N/A	N/2	<b>A.</b> N	I/A	N/A	N/A	N/A		
NORTHBOUND	N/A	N/A	A. 4	48	N/A	244	N/A		
SOUTHBOUND	95	N/2	A. 3	356	N/A	N/A	N/A		
	EAST-WEST CRI	TICAL VO	OLUMES			14			
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • • •	••••	543 			
	THE SUM OF CE	RITICAL V	volumes .		• • • • • •	557			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	.s	2			
	CMA VALUE					0.316			
	LEVEL OF SERV	/ICE			• • • • • •	A			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:19, KINROSS AVENUE AND GAYLEY AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**		IGHT TURNS	
	LEFT		THROUGH	M	in on Gr	een Ma	AX ON RED
WESTBOUND	42		71		55		0
EASTBOUND	20		26		39		0
NORTHBOUND	142	812			56		0
SOUTHBOUND	35		443		43		0
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
, 12 2 1 101 101	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	Ō	0	1	0	0	2
NORTHBOUND	1	Ō	1	1	0	0	3
SOUTHBOUND	ī	0	1	1	0	0	3
		** ASS	IGNED LAN	IE VOLUMI	ES **		
APPROACH	LEFT	LEF			RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	42	N/3		I/A	126	N/A	N/A
EASTBOUND	20	N/.		I/A	65	N/A	N/A
NORTHBOUND		N/.	_	134	434	N/A	N/A
SOUTHBOUND	35	N/.	A 2	243	243	N/A	N/A
	EAST-WEST CRI	TICAL V	OLUMES			146	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •		469	
	THE SUM OF C	RITICAL	VOLUMES .			615	
	NUMBER OF CR	2					
	CMA VALUE	· • • • • • •	• • • • • •	,		0.348	
	LEVEL OF SERV	/1CE	• • • • • • •			A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:20, KINROSS AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	3 **
	LEFT		THROUGH	M	N ON GR	een M	XX ON RED
WESTBOUND	4		51		53		0
EASTBOUND	28		36		56		0
NORTHBOUND	44		1057		41		0
SOUTHBOUND	10		354		10		14
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	0	1	0	1	0	0	2
SOUTHBOUND	0	1	1	0	1	0	3
		** ASS	IGNED LAN	IE VOLUMI	ES **		
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	4	N/2	A N	I/A	104	N/A	N/A
EASTBOUND	28	N/A	A A	I/A	92	N/A	N/A
NORTHBOUND	N/A	553	3 N	I/A	589	N/A	N/A
SOUTHBOUND	N/A	160	) 2	204	N/A	10	N/A
	EAST-WEST CRI	TICAL V	OLUMES			132	
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • •	• • • • • •	599 	
	THE SUM OF C					731	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.417	
	LEVEL OF SERV	VICE	• • • • • • •			A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:21, KINROSS AVENUE AND GLENDON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

### \*\* INPUT VOLUMES \*\*

APPROACH WESTBOUND EASTBOUND NORTHBOUND SOUTHBOUND	LEFT 0 36 103 60		THROUGH 0 0 0 0	* * M3	R R ON GR 0 0 101 8	ight Turns Een Ma	3 ** AX ON RED 0 38 18
		**	NUMBER	OF LANES	3 **		
APPROACH WESTBOUND EASTBOUND	LEFT ONLY 0 1	LEFT SHARED 0 0	THROUGH ONLY 0 0 0	RIGHT SHARED 0 0	RIGHT ONLY 0 1	L/T/R SHARED 0 0 0	TOTAL LANES 0 2 2
NORTHBOUND SOUTHBOUND	1	0	0	Ŏ	1	0	2
		** ASS	igned Lan	E VOLUM	ES **		
APPROACH	LEFT ONLY	LEFT SHARI			RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
WESTBOUND	N/A	N/2	A. N	/A	N/A	N/A	N/A
EASTBOUND	36	N/Z	A N	/A	n/a	0	N/A
NORTHBOUND	103	N/Z		/A	N/A	101	N/A
SOUTHBOUND	60	N/Z	A N	I/A	N/A	8	N/A
	EAST-WEST CRI					36 160	
	THE SUM OF CF	RITICAL '	VOLUMES .			196	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	0*	
	CMA VALUE					0.196	
	LEVEL OF SERV	/ICE				A	

Capacity assumed = 1000.

INTERSECTION:22, LINDBROOK DRIVE AND GAYLEY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH			munouau	**	R: N ON GRI	GHT TURNS	**
MECHDOINID	LEFT 103		THROUGH 0	MI	N ON GRI 93	een m	O RED
WESTBOUND EASTBOUND	103		0		0		Ö
NORTHBOUND	0		867		161		Ö
SOUTHBOUND	91		442		0		ő
SOUTHBOOKE	34						•
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND		0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	IE VOLUME	s **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
•	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	103	N/2	A N	I/A	93	N/A	N/A
EASTBOUND	n/a	N/X	A N	I/A	n/a	N/A	N/A
NORTHBOUND	0	N/Z		514	514	N/A	N/A
SOUTHBOUND	91	N/I	A. 2	221	221	N/A	N/A
	EAST-WEST CR	TICAL V	OLUMES			103	
	NORTH-SOUTH	CRITICAL	VOLUMES			605	
	THE SUM OF C	RITICAL '	VOLUMES .			708	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVAI	.s	2	
	CMA VALUE				•••••	0.402	
	LEVEL OF SER	VICE			•••••	A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:23, LINDBROOK DRIVE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	N.	IGHT TURNS	=		
	LEFT		THROUGH	I.M	IN ON GR	een m	AX ON RED		
WESTBOUND	105		152		37		0		
EASTBOUND	30		165		75		0		
NORTHBOUND			1061		168		52		
SOUTHBOUND	23		365		19		0		
		**	NUMBER	OF LANES	5 **				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	0	1	0	1	0	0	2		
EASTBOUND	0	1	0	1	0	0	2		
NORTHBOUND	0	1	1	0	1	0	3		
SOUTHBOUND	0	1	1	1	0	0	3		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEFT			RIGHT	RIGHT	L/T/R		
	ONLY	SHARI			SHARED	ONLY	SHARED		
WESTBOUND	N/A	136		/A	158	N/A	N/A		
EASTBOUND	N/A	135	_	I/A	135	N/A	N/A		
NORTHBOUND	,	532		62	N/A	168	N/A		
SOUTHBOUND	N/A	59	9 1	.74	174	N/A	N/A		
	·								
	EAST-WEST CRI	TTCAL V	OLUMES			240			
	NORTH-SOUTH O					585			
	THE SUM OF CE	RITICAL V	VOLUMES .		· • • • • •	825			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	.s	2			
		<del></del>			<b>* *</b>	-			
	CMA VALUE					0.480			
	LEVEL OF SERV	/ICE		• • • • • • • •		A			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:24, LINDBROOK DRIVE AND GLENDON AVENUE/TIVERTON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	· F	IGHT TURN:	5 **
ALLMOACH	LEFT		THROUGH	мт	N ON GE		AX ON RED
WESTBOUND	55		275		160		0
EASTBOUND	68		327		14		0
NORTHBOUND	= =		530		334		44
SOUTHBOUND			108		6		0
					_		
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	1	0	0	1	0	0	2
		** 266.		n voime	· · * *		
		** ASS.	IGNED LAN	E AOTOWE	, c		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	N/A	220	6 N	/A	264	N/A	N/A
EASTBOUND	n/a	16		I/A	244	N/A	N/A
NORTHBOUND	91	N/I	A. 5	30	N/A	334	N/A
SOUTHBOUND	51	N/I	A N	I/A	114	N/A	N/A
	EAST-WEST CRI					332	
	NORTH-SOUTH C	CRITICAL	VOLUMES	• • • • • • •		581	
	THE SUM OF CE	RITICAL '	VOLUMES .			913	
	NUMBER OF CRI	የሚተሮል፣ ሮነ	T.FADANCE	ΤΜΦΕΟΊΔΙ	. <b>.e</b> .	2	
	MOPIDER OF CRI	LLIONII C.	DESCRIPTION OF	THIRMANI		2	
	CMA VALUE		• • • • • • • •			0.539	
	LEVEL OF SERV	/ICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:25, LINDBROOK DRIVE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

### \*\* INPUT VOLUMES \*\*

				*:	+ 10	IGHT TURN:	2 **
APPROACH	7 mm		THROUGH		r IN ON GF		AX ON RED
WEGEDOIND	LEFT O		1 n K O O G n 8 1	171.	114 ON GR	CETEIA IAN	0
WESTBOUND EASTBOUND	0		0		0		ŏ
	0		439		0		60
NORTHBOUND SOUTHBOUND	16		278		0		ő
SCUINBOUND	10		270		Ū		ū
		**	NUMBER	OF LANE	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
Attronom	ONLY	SHARED	ONLY			SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	Ö	0	0	0	0	0	0
NORTHBOUND	0	0	1	0	1	0	2
SOUTHBOUND	0	1	0	0	0	0	1
		** ASS:	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF:	r THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI	ED ON	<b>IL</b> Y	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/2	A N	I/A	N/A	N/A	121
EASTBOUND	N/A	N/2	A I	I/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/1	A 4	139	N/A	0	N/A
SOUTHBOUND	N/A	29	4 1	I/A	N/A	N/A	N/A
	EAST-WEST CRI					121	
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • •	• • • • • •	454	
	THE SUM OF C	RITICAL	VOLUMES			575	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	0*	
	CMA VALUE					0.383	
	LEVEL OF SERV	VICE	• • • • • • •		• • • • • • •	A	

Capacity assumed = 1500.

INTERSECTION:26, WILSHIRE BOULEVARD AND SEPULVEDA BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	**			
	LEFT		THROUGH	MI	N ON GR	EEN MA	X ON RED			
WESTBOUND	124		3334		64		0			
EASTBOUND	60		3387		187		0			
NORTHBOUND	215		271		235		0			
SOUTHBOUND	244		638		222		0			
		**	NUMBER	OF LANES	s **					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
AFFROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	2	0	3	1	0	0	6			
EASTBOUND	1	0	3	1	0	0	5			
NORTHBOUND	1	0	1	1	0	0	3			
SOUTHBOUND	1	0	1	1	0	0	3			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED			
WESTBOUND	68	N/3	A. 8	150	850	N/A	N/A			
EASTBOUND	60	N/2		194	894	N/A	N/A			
NORTHBOUND		N/		253	253	N/A	N/A			
SOUTHBOUND	244	N/	A. 4	130	430	N/A	N/A			
	EAST-WEST CR	TICAL V	OLUMES			962				
	NORTH-SOUTH					645				
	THE SUM OF C	RITICAL	VOLUMES .			1607				
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	5				
	CMA VALUE					1.099				
	LEVEL OF SERV	F								

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:27, WILSHIRE BOULEVARD AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	F	RIGHT TURN:	s **			
111 111011011	LEFT		THROUGH	MI	N ON G		AX ON RED			
WESTBOUND	94		2354		38		0			
EASTBOUND	319		3865		196		0			
NORTHBOUND	101		520		209		26			
SOUTHBOUND	254		239		214		175			
		**	NUMBER	OF LANES	**					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	2	0	3	1	0	0	6			
EASTBOUND	2	0	3	1	0	0	6			
NORTHBOUND	1	0	2	0	1	0	4			
SOUTHBOUND	1	0	1	1	1	0	4			
** ASSIGNED LANE VOLUMES **										
		ASS.	IGNED LA	ME AOTOWE	S * ^					
APPROACH	LEFT	LEF"	r THR	OUGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED O	VLY S	HARED	ONLY	SHARED			
WESTBOUND	52	N/2	Α. :	598	598	N/A	N/A			
EASTBOUND	175	N/Z	A 10	015	1015	N/A	N/A			
NORTHBOUND	101	N/2	A :	260	N/A	209	N/A			
SOUTHBOUND	254	N/I	<b>A</b> :	151	151	151	N/A			
	EAST-WEST CR	TICAL V	OLUMES .			1067				
	NORTH-SOUTH	CRITICAL	VOLUMES			514				
	THE SUM OF C	RITICAL	VOLUMES		• • • • •	1581				
	NUMBER OF CR	TICAL C	LEARANCE	INTERVAL	s	3				
	CMA VALUE		1.039							
				• • • • • • • • • • • • • • • • •						
	LEVEL OF SERV	/ICE			• • • • •	F				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:28, WILSHIRE BOULEVARD AND GAYLEY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				*:	Г	RIGHT TURNS	_			
	LEFT		THROUGH	M.	IN ON GF	reen m	AX ON RED			
WESTBOUND	126		2109		53		0			
EASTBOUND	593		2833		129		0			
NORTHBOUND			346		0		21			
SOUTHBOUND	82		90		0		307			
		**	NUMBER	OF LANE:	s **					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	3	1	0	0	5			
EASTBOUND	2	0	3	1	0	0	6			
NORTHBOUND	1	0	2	0	1	0	4			
SOUTHBOUND	1	0	1	0	2	0	4			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHARI	ED ON	ILY :	SHARED	ONLY	SHARED			
WESTBOUND	126	N/2	A. 5	40	540	N/A	N/A			
EASTBOUND	326	N/2	A 7	740	740	N/A	N/A			
NORTHBOUND	66	N/2	A 1	173	N/A	0	N/A			
SOUTHBOUND	82	N/X	A.	90	N/A	0	N/A			
	EAST-WEST CRI	TICAL V	OLUMES			866				
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • • •	• • • • • • •	255				
	THE SUM OF C	RITICAL V	VOLUMES .			1121				
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3				
	CMA VALUE		0.717							
	LEVEL OF SERV	/ICE				С				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:29, WILSHIRE BOULEVARD AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	5 **			
ALTROACH	LEFT		THROUGH	MI	N ON GF		XX ON RED			
WESTBOUND	160		2070		119		0			
EASTBOUND	493		2232		125		0			
NORTHBOUND			737		133		0			
SOUTHBOUND	58		276		0		201			
		**	NUMBER	OF LANES	**					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	2	0	3	1	0	0	6			
EASTBOUND	2	0	3	1	0	0	6			
NORTHBOUND	1	0	2	1	0	0	4			
SOUTHBOUND	1	0	3	0	1	0	5			
** ASSIGNED LANE VOLUMES **										
		1400.								
APPROACH	LEFT	LEFT	r THRO	OUGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHARI	ed of	NLY S	HARED	ONLY	SHARED			
WESTBOUND	88	N/2	A	547	547	N/A	N/A			
EASTBOUND	271	N/2	<b>A</b> :	589	589	n/a	N/A			
NORTHBOUND	104	N/2		290	290	N/A	N/A			
SOUTHBOUND	58	N/A	A	92	N/A	0	N/A			
	EAST-WEST CRI	TICAL V	DLUMES .			818				
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • • • •	• • • • • •	348				
	THE SUM OF C	RITICAL V	VOLUMES			1166				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAI	.s	4				
	CMA VALUE		0.778							
	LEVEL OF SERV	/ICE				С				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:30, WILSHIRE BOULEVARD AND GLENDON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				* =	14.	IGHT TURNS			
	LEFT		THROUGH	M	IN ON GR	een Ma	AX ON RED		
WESTBOUND	75		2097		211		0		
EASTBOUND	321		1793		215		0		
NORTHBOUND	19		120		15		0		
SOUTHBOUND	59		46		8		88		
		**	NUMBER	OF LANE	s **				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	3	1	0	0	5		
EASTBOUND	2	0	3	1	0	0	6		
NORTHBOUND	0	0	0	0	0	1	1		
SOUTHBOUND	1	0	1	0	2	0	4		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEF"	r THRO	UGH	RIGHT	RIGHT	L/T/R		
112 2 11011011	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED		
WESTBOUND	75	N/I	A. 5	577	577	N/A	N/A		
EASTBOUND	177	N/	A. 5	502	502	N/A	N/A		
NORTHBOUND	N/A	N/	A I	I/A	N/A	N/A	154		
SOUTHBOUND	59	N/.	A	46	N/A	4	N/A		
	EAST-WEST CR					754			
	NORTH-SOUTH	CRITICAL	VOLUMES	• • • • • •	• • • • • •	213			
	THE SUM OF C	RITICAL	VOLUMES .			967			
	NUMBER OF CR	Ls	3						
	CMA VALUE		0.609						
	LEVEL OF SER	В							

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:31, WILSHIRE BOULEVARD AND SELBY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH	Left		THROUGH	* * MT	R N ON GR	IGHT TURNS	** X ON RED		
WESTBOUND	64		2842	<b>-</b>	73		0		
EASTBOUND	23		1812		0		35		
NORTHBOUND	83		75		91		0		
SOUTHBOUND	109		36		33		12		
SOUTHBOOKE	103								
		**	NUMBER	OF LANES	; **				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	2	1	0	0	4		
EASTBOUND	1	0	3	0	1	0	5		
NORTHBOUND	0	0	0	0	0	1	1		
SOUTHBOUND	0	1	0	0	1	0	2		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEF'	T THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED		
WESTBOUND	64	N/1	A 9	972	972	N/A	N/A		
EASTBOUND	23	N/.	А (	504	N/A	0	N/A		
NORTHBOUND	N/A	N/.	A N	1/A	N/A	N/A	249		
SOUTHBOUND	N/A	14	5 h	A/I	N/A	33	N/A		
	EAST-WEST CRI					995 358			
	THE SUM OF CF	RITICAL	VOLUMES			1353			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2			
	CMA VALUE		0.832						
	LEVEL OF SERV	D							

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:32, WILSHIRE BOULEVARD AND WESTHOLME AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	GHT TURNS	**		
	LEFT		THROUGH	MI	N ON GRI	een ma	XX ON RED		
WESTBOUND	36		2440		117		0		
EASTBOUND	45		2114		0		70		
NORTHBOUND	53		177		65		0		
SOUTHBOUND	53		56		33		0		
		**	NUMBER	OF LANES	; **				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
ALLIGHEN	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	2	1	0	0	4		
EASTBOUND	ī	0	3	0	1	0	5		
NORTHBOUND	0	0	0	0	0	1	1		
SOUTHBOUND	0	0	0	0	0	1	1		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR			HARED	ONLY	SHARED		
WESTBOUND	36	N/I	•	352	852	N/A	N/A		
EASTBOUND	45	N/	-	105	N/A	0	N/A		
NORTHBOUND	n/a			I/A	N/A	N/A	295		
SOUTHBOUND	N/A	N/.	A ì	I/A	N/A	N/A	142		
	EAST-WEST CRI					897 348			
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •	• • • • • •	346			
	THE SUM OF CF	RITICAL	VOLUMES			1245			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3			
	CMA VALUE		0.804						
	LEVEL OF SERV	D							

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:33, WILSHIRE BOULEVARD AND WARNER AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				* *	· R	IGHT TURNS	s **			
ALLIOHOI	LEFT		THROUGH	M	IN ON GR	een ma	X ON RED			
WESTBOUND	15		2494		78		0			
EASTBOUND	88		2161		21		0			
NORTHBOUND	89		63		0		33			
SOUTHBOUND	83		78		66		44			
					2 **					
		**	NUMBER	OF LANES	5 **					
APPROACH	LEFT	LEFT	THROUGH	RIGHT			TOTAL			
·	ONLY	SHARED	ONLY		ONLY		LANES			
WESTBOUND	1	0	2	1	0	0	4			
EASTBOUND	1	0	2	1	0	0	4			
NORTHBOUND	1	0	1	0	1	0	3			
SOUTHBOUND	1	0	1	0	1	0	3			
** ASSIGNED LANE VOLUMES **										
ASSIGNED LANE VOLUMES										
APPROACH	LEFT	LEF	r thro	OUGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR			SHARED	ONLY	SHARED			
WESTBOUND	15	N/Z	_	357	857	N/A	N/A			
EASTBOUND	88	N/2			727	N/A	N/A			
NORTHBOUND	89	N/2		63	N/A	0	N/A			
SOUTHBOUND	83	N/3	Ą	78	N/A	66	N/A			
	EAST-WEST CRI					945				
	NORTH-SOUTH C	RITICAL	VOLUMES		• • • • • •	167				
	THE SUM OF CF	RITICAL	VOLUMES			1112				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3				
	CMA VALUE					0.710				
	LEVEL OF SERV	С								

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:34, WELLWORTH AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	3 **		
AFFROACII	LEFT		THROUGH	M	N ON GR	een m	AX ON RED		
WESTBOUND	70		66		83		0		
EASTBOUND	30		70		52		0		
NORTHBOUND	60		1123		228		0		
SOUTHBOUND	23		376		10		0		
		**	NUMBER	OF LANES	3 **				
			• • • • • • • • • • • • • • • • • • • •						
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
. 12 2 1 101 2000	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	0	0	0	0	0	1	1		
EASTBOUND	0	0	0	0	0	1	1		
NORTHBOUND	1	0	1	1	0	0	3		
SOUTHBOUND	1	0	1	1	0	0	3		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEF		OUGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR			SHARED	ONLY	SHARED		
WESTBOUND	N/A	N/		1/A	N/A	N/A	219		
EASTBOUND	N/A	N/	_	1/A	N/A	N/A	152		
NORTHBOUND	60	N/		576	676	N/A	N/A		
SOUTHBOUND	23	N/	<b>A</b> :	193	193	N/A	N/A		
	EAST-WEST CRI	.mrc27 1	ot umee			249			
	NORTH-SOUTH (					699			
			vorince			948			
	THE SUM OF CE	RITICAL	VOLUMES		• • • • • •	340			
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2			
	CMA VALUE					0.562			
	LEVEL OF SER	VICE				Α			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:35, OHIO AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**		IGHT TURNS			
	LEFT		THROUGH	MI	n on gr	een Ma	AX ON RED		
WESTBOUND	72		336		40		0		
EASTBOUND	201		320		0		79		
NORTHBOUND	81		1176		29		0		
SOUTHBOUND	24		461		72		0		
		**	NUMBER	OF LANES	**				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
ALLIONOII	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	0	1	0	0	2		
EASTBOUND	1	0	1	0	1	0	3		
NORTHBOUND	1	0	1	1	0	0	3		
SOUTHBOUND	1	0	1	1	0	0	3		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEF:	r THRO	UGH	RIGHT	RIGHT	L/T/R		
• • • • • • • • • • • • • • • • • • • •	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED		
WESTBOUND	72	N/2	A N	I/A	376	N/A	N/A		
EASTBOUND	201	N/	A 3	320	N/A	0	N/A		
NORTHBOUND	81	N/2		502	602	N/A	N/A		
SOUTHBOUND	24	N/.	A 2	266	266	N/A	N/A		
	EAST-WEST CRI					577 626			
	THE SUM OF C	RITICAL	VOLUMES						
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2			
	CMA VALUE		0.732						
	LEVEL OF SER	/ICE				С			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:36, SANTA MONICA BOULEVARD (N I/S) AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	**
At I Kohon	LEFT		THROUGH	MI	n on Gr	een ma	X ON RED
WESTBOUND	131		1406		147		0
EASTBOUND	173		1349		58		0
NORTHBOUND	59		889		40		0
SOUTHBOUND	89		526		0		68
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
MPPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	0	2	1	0	0	4
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	2	0	1	0	4
		** ASS	IGNED LAN	E VOLUME	S **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR			HARED	ONLY	SHARED
WESTBOUND	131	N/	-	18	518	N/A	N/A
EASTBOUND	173	N/.	• •	169	469	N/A	N/A
NORTHBOUND	59	N/		164	464	N/A	N/A
SOUTHBOUND	89	N/.	A 2	263	N/A	0	N/A
	EAST-WEST CRI					691 553	
	THE SUM OF CE	RITICAL	VOLUMES			1244	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.803	
	LEVEL OF SERV	/ICE	• • • • • • • •			D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:1, SUNSET BOULEVARD AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	**
AI I NOPOII	LEFT	•	THROUGH	MI	N ON GR	EEN MA	X ON RED
WESTBOUND	233		1500		0		0
EASTBOUND	0		1333		150		0
NORTHBOUND	285		0		243		116
SOUTHBOUND	0		0		0		0
00011120							
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
112 2 1 (011011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	0	0	0	3
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	0	0	0	0	0	0	0
		** T224	ONED IN	E VOLUME	c **		
		** ASSI	GMED TWA	IE VOLUME	C.		
3 DDD03 011	LEFT	LEFT	THRO	MICH	RIGHT	RIGHT	L/T/R
APPROACH	ONLY	SHARE			HARED	ONLY	SHARED
WESTBOUND	233	N/A	-	50	N/A	N/A	N/A
EASTBOUND	N/A	N/A	-	142	742	N/A	N/A
NORTHBOUND	285	N/A	•	I/A	N/A	243	N/A
SOUTHBOUND	N/A	N/A		I/A	N/A	N/A	N/A
POOTUBOOUD	11/11	21,72	-	-,			
	EAST-WEST CR	የጥተሮ <b>ል፣</b> . <i>ህር</i>	THMES	<b></b>		975	
	NORTH-SOUTH					285	
	MONIII DOUTII (	J.(11141	10201121				
	THE SUM OF C	RITICAL V	OLUMES			1260	
	NUMBER OF CR	ITICAL CI	EARANCE	INTERVAL	.s	3	
	CMA VALUE	, ,				0.814	
	LEVEL OF SER	VICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 2, SUNSET BOULEVARD AND HILGARD AVENUE/COPA DE ORO ROAD

DATE: 10/8/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

### \*\* INPUT VOLUMES \*\*

APPROACH				**	R	IGHT TURNS	5 **
111.11.01.011	LEFT		THROUGH	MI	N ON GR	EEN M	AX ON RED
WESTBOUND	289		1186		21		0
EASTBOUND	19		1028		340		0
NORTHBOUND	256		68		236		144
SOUTHBOUND	17		59		10		0
500111500115							
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	0	0	1	1	3
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	IGNED LAN	IE VOLUME	ES **		
APPROACH	LEFT	LEF	r THRO		RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	289	N/	A (	504	604	N/A	N/A
EASTBOUND	19	N/.	A (	584	684	N/A	N/A
NORTHBOUND	187	и/:	A. I	I/A	n/a	187	187
SOUTHBOUND	N/A	N/	A 1	I/A	N/A	N/A	86
						972	
	EAST-WEST CR					273	
	NORTH-SOUTH	CRITICAL	AOTOWES	* * * * * * * *		2/3	
	THE SUM OF C	RITICAL	VOLUMES			1245	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	4*	
	CMA VALUE					0.835	
	LEVEL OF SER	VICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Northbound and Southbound approaches have opposed signal phases.

Palazzo\Update 2002\Shopping Center Project.xls, Worksheet: Total, Row: 3 10/8/2002 12:07:45 PM

INTERSECTION:3, SUNSET BOULEVARD AND BEVERLY GLEN BLVD./BEL AIR ROAD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

### \*\* INPUT VOLUMES \*\*

APPROACH				* 1	* R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	M	IN ON GR		X ON RED
WESTBOUND	364		1247	-	50		0
EASTBOUND	19		1519		56		0
NORTHBOUND	208		114		393		182
SOUTHBOUND	58		53		18		0
SOUTHBOOMD	50		75				-
		**	NUMBER	OF LANE	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF	r THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	1LY	SHARED	ONLY	SHARED
WESTBOUND	364	N/	A (	548	648	N/A	N/A
EASTBOUND	19	N/.	Α 7	788	788	N/A	N/A
NORTHBOUND	208	N/	A 1	114	N/A	393	N/A
SOUTHBOUND	N/A	N/.	A I	1/A	N/A	N/A	129
	EAST-WEST CRI	mrcal 1	OT INVEC			1152	
	NORTH-SOUTH					522	
	THE SUM OF CE	RTTTCAL	VOLUMES			1674	
	11111 1011 01 01	· <b>-</b> · · · · ·					
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	4*	
	CMA VALUE					1.147	
	LEVEL OF SERV	/ICE		• • • • • • •	• • • • • •	F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Northbound and Southbound approaches have opposed signal phases.

INTERSECTION: 4, MONTANA BOULEVARD AND SEPULVEDA BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH	- W. S. S.		munouou	**	n N ON GR	IGHT TURN	s ** AX ON RED
	LEFT 60		THROUGH 295	MI	.N ON GR 372	EEN M	24
WESTBOUND	7		104		372		0
EASTBOUND	•		1486		15		114
NORTHBOUND	232 49		322		30		0
SOUTHBOUND	49		322		50		Ū
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	IE VOLUME	ZS **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED
WESTBOUND	N/A	35	5 N	I/A	N/A	372	N/A
EASTBOUND	N/A	N/.	A N	I/A	N/A	N/A	150
NORTHBOUND	232	N/.	A 7	743	N/A	15	N/A
SOUTHBOUND	49	N/.	A 1	L76	176	N/A	N/A
	EAST-WEST CRI					379	
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • • •		792 	
	THE SUM OF CE	RITICAL	VOLUMES .			1171	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.752	
	LEVEL OF SERV	/ICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 5, MONTANA BOULEVARD/GAYLEY AVENUE AND VETERAN AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	**
AFFROACH	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	30		584		248		0
EASTBOUND	50		225		32		0
NORTHBOUND	84		348		58		0
SOUTHBOUND	89		393		81		0
		**	MIMBED	OF LANES	· **		
			MOMPEN	OF TRACES	•		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFFROAGI	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
					.c **		
		** ASS	IGNED LAM	NE VOLUME	45 * ^		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
AFFROACH	ONLY	SHAR		NLY S	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/	A l	A/r	N/A	N/A	862
EASTBOUND	N/A	N/	A 1	A\r	N/A	N/A	307
NORTHBOUND	N/A	N/	A J	A/N	N/A	N/A	490
SOUTHBOUND	N/A	n/	A ]	N/A	N/A	N/A	563
	EAST-WEST CR	ጥተሮል፣ ህ	OLUMES			912	
	NORTH-SOUTH	RITICAL	VOLUMES			647	
	THE SUM OF C	RITICAL	VOLUMES	• • • • • • •	• • • • • •	1559	
	NUMBER OF CR	ርጥተ <i>ሮ</i> ል፣ <i>ር</i>	T.FARANCE	TNTERVA	TS	2	
	NUMBER OF CR.	riiwii (					
,	CMA VALUE			• • • • • • • •		0.969	
	LEVEL OF SER	VICE				E	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:6, WYTON DRIVE AND HILGARD AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				*		RIGHT TURN			
	LEFT		THROUGH	M.	in on G	REEN M	AX ON RED		
WESTBOUND	26		42		15		0		
EASTBOUND	69		112		173		98		
NORTHBOUND	177		713		64		0		
SOUTHBOUND	27		393		44		0		
** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT		* =	TOTAL		
	ONLY	SHARED	ONLY	SHARED	+		LANES		
WESTBOUND	0	0	0	0	0	1	1		
EASTBOUND	0	1	0	0	1	0	2		
NORTHBOUND	1	0	1	1	0	0	3 3		
SOUTHBOUND	1	0	1	1	0	0	3		
		** ASS	IGNED LAN	E VOLUM	ES **				
APPROACH	LEFT	LEF"	r THRO	UGH	RIGHT	RIGHT	L/T/R		
111 1101101	ONLY	SHAR	ED O	1LY	SHARED	ONLY	SHARED		
WESTBOUND	N/A	N/X	A I	I/A	N/A	N/A	83		
EASTBOUND	N/A	18	1 1	1/A	N/A	173	N/A		
NORTHBOUND	177	N/	A. 3	388	388	N/A	N/A		
SOUTHBOUND	27	N/	A 2	218	218	N/A	N/A		
	EAST-WEST CRI	TICAL V	OLUMES .			207 415			
	THE SUM OF CI	RITICAL	VOLUMES			622			
	NUMBER OF CRITICAL CLEARANCE INTERVALS 2								
	CMA VALUE			• • • • • • •		0.352			
	LEVEL OF SER	VICE		• • • • • • •		. А			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:7, LEVERING AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	GHT TURNS	
111 1 1 (04 10 11	LEFT		THROUGH	MI	n on Gri	een ma	X ON RED
WESTBOUND	84		117		53		0
EASTBOUND	1		27		55		0
NORTHBOUND	148		500		54		0
SOUTHBOUND	35		388		7		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY		LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	IGNED LAN	E VOLUME	IS **		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	N/A	N/	A N	I/A	N/A	N/A	254
EASTBOUND	N/A	N/.	A N	I/A	N/A	N/A	83
NORTHBOUND	N/A	N/.		1/A	N/A	N/A	702
SOUTHBOUND	N/A	N/	A 1	1/A	N/A	N/A	430
	EAST-WEST CRI	ጥተ <b>ሮ</b> ል፤. ህ	OLUMES			255	
	NORTH-SOUTH	RITICAL	VOLUMES			737	
	THE SUM OF C	RITICAL	VOLUMES			992	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE		• • • • • • •	• • • • • • •		0.591	
	LEVEL OF SER	VICE	• • • • • • • • • • • • • • • • • • • •			A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:8, LE CONTE AVENUE AND GAYLEY AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				*:	* F	IGHT TURNS	5 **
	LEFT		THROUGH	M.	IN ON GF	reen M	AX ON RED
WESTBOUND	335		235		27		166
EASTBOUND	23		114		3		0
NORTHBOUND	50		500		198		0
SOUTHBOUND	233		1234		28		0
		**	NUMBER	OF LANE	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
<b></b>	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	0	1	0	3
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEF	THRO	OUGH	RIGHT	RIGHT	L/T/R
- "."	ONLY	SHAR	ED ON	1LY	SHARED	ONLY	SHARED
WESTBOUND	335	N/	A 2	235	N/A	27	N/A
EASTBOUND	23	N/.	A I	I/A	117	N/A	N/A
NORTHBOUND	50	N/.	-	349	349	N/A	N/A
SOUTHBOUND	233	N/.	A (	531	631	N/A	N/A
	EAST-WEST CRI					452 681	
	THE SUM OF C	RITICAL	VOLUMES		• • • • • •	1133	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	Ls	2	
	CMA VALUE		• • • • • • •			0.685	
	LEVEL OF SER	VICE			• • • • • •	В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:9, LE CONTE AVENUE AND WESTWOOD PLAZA/WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	· R	IGHT TURNS	3 **
AFFROACII	LEFT		THROUGH	MI	N ON GR		XX ON RED
WESTBOUND	178		435		0		76
EASTBOUND	74		333		96		0
NORTHBOUND	178		474		168		89
SOUTHBOUND	121		795		178		86
		**		00 1310	* **		
		**	NUMBER	OF LANES	• • •		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
ME I NOMOII	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	0	1	0	3
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	2	0	1	0	4
		** ASS	igned Lai	ME AOLUMI	ES **		
APPROACH	LEFT	LEF	r THRO	OUGH	RIGHT	RIGHT	L/T/R
AFFROACH	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	178	N/	A 4	435	N/A	0	N/A
EASTBOUND	74	N/		N/A	429	N/A	N/A
NORTHBOUND	178	N/	A 2	237	N/A	168	N/A
SOUTHBOUND	121	N/	A :	398	N/A	178	N/A
3001							
	EAST-WEST CRI	ישדראד זי	TIMES			607	
	NORTH-SOUTH C	ים בהאטני. זמטדיידם:	PERMITTON			576	
	NORTH-SOUTH C	,KIII CAH	VOHOTIBO				
	THE SUM OF C	RITICAL	VOLUMES			1183	
	NUMBER OF CRI	ישדמאד מ	יז האטאארה	TNTFPVA	T.S	2	
	MOMBER OF CRI	TICAL C	TETTATO	T14 T 1917 ALF		_	
	CMA VALUE		• • • • • • • •			0.719	
	LEVEL OF SERV	/ICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:10, LE CONTE AVENUE AND TIVERTON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	19		390		39		0
EASTBOUND	103		438		101		0
NORTHBOUND	32		59		48		0
SOUTHBOUND	78		63				52
					· **		
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
711 1 11011011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	1	0	0	1	0	2
					PC **		
		** ASS	IGNED LAN	AR ACTOM	55 ^^		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
712 2 1102 1011	ONLY	SHAR	ED O	NLY :	SHARED	ONLY	SHARED
WESTBOUND	19	N/	A :	214	214	N/A	N/A
EASTBOUND	103	N/	A :	270	270	N/A	N/A
NORTHBOUND	N/A	N/	<b>A</b> ]	A\n	N/A	N/A	139
SOUTHBOUND	N/A	14	1	A/N	N/A	146	N/A
	EAST-WEST CRI	TICAL V	OLUMES .			317	
	NORTH-SOUTH (	RITICAL	VOLUMES			217	
						534	
	THE SUM OF CH	RITICAL	VOLUMES			JJ4	
	NUMBER OF CR	LS	2				
	CMA VALUE					0.303	
	LEVEL OF SER	VICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:11, LE CONTE AVENUE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

#### \*\* INPUT VOLUMES \*\*

APPROACH				**		IGHT TURNS			
• • •	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED		
WESTBOUND	8		73		31		0		
EASTBOUND	379		106		0		74		
NORTHBOUND	46		639		24		0		
SOUTHBOUND	19		461		102		242		
		**	NUMBER	OF LANES	3 **				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
AFFROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	0	1	0	0	2		
EASTBOUND	1	1	0	0	1	0	3		
NORTHBOUND	ō	0	0	0	0	1	1		
SOUTHBOUND	Ō	1	1	0	1	0	3		
** ASSIGNED LANE VOLUMES **									
						D.T. 6111111	L/T/R		
APPROACH	LEFT	LEF			RIGHT	RIGHT	SHARED		
	ONLY	SHAR			SHARED	ONLY N/A	N/A		
WESTBOUND	8	N/		I/A	104 N/A	N/A 0	N/A		
EASTBOUND	242	24		I/A	N/A N/A	N/A	709		
NORTHBOUND	N/A	N/		I/A	N/A	102	n/A		
SOUTHBOUND	N/A	21	8 2	262	N/A	102	N/A		
	EAST-WEST CRI	TTCAL V	OLUMES			346			
	NORTH-SOUTH C					728			
	11011111 200211								
	THE SUM OF CE	RITICAL	VOLUMES			1074			
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3*			
	CMA VALUE					0.684			
	LEVEL OF SERV	VICE				В			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Eastbound and Westbound approaches have opposed signal phases.

Palazzo\Update 2002\Shopping Center Project.xls, Worksheet: Total, Row: 48 8/9/2002 3:41:45 PM

INTERSECTION:12, WEYBURN AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

a DDDOACH				**	R	IGHT TURNS	3 **
APPROACH	LEFT		THROUGH	MI	N ON GR	een m	AX ON RED
WESTBOUND	731		0		121		0
EASTBOUND	0		0		0		0
NORTHBOUND	ő		648		0		316
SOUTHBOUND	89		306		0		0
SOUTHBOOKE	• •						
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
712 2 1103 1011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	0	0	1	2
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3
		** ASS	IGNED LAN	IE VOLUME	:s **		
							- (- (-
APPROACH	LEFT	LEF			RIGHT	RIGHT	L/T/R
	ONLY	SHAR			HARED	ONLY	SHARED
WESTBOUND	426	N/.	-	1/A	N/A	N/A	426
EASTBOUND	N/A	N/		I/A	A\N	N/A	N/A N/A
NORTHBOUND	n/A	N/		324	N/A	0	
SOUTHBOUND	89	N/	A :	153	N/A	N/A	N/A
	EAST-WEST CR	rmፕሮአቲ እን	AT TIMES			426	
	NORTH-SOUTH	CRITICAL V	VOLUMES .			413	
	THE SUM OF C	RITICAL	VOLUMES			839	
						_	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.489	
	LEVEL OF SER	VICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:13, WEYBURN AVENUE AND GAYLEY AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

				**	R	GHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GRI	een ma	X ON RED
WESTBOUND	92		144		92		0
EASTBOUND	194		166		69		0
NORTHBOUND	102		677		178		0
SOUTHBOUND	94		848		546		0
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
Aginonon	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** DSS	IGNED LAN	יים יים דוואוי	re **		
		ASS	TONED THE	E VOLIGITA	20		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
711 1 1102 1011	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	N/A	15		1/A	172	N/A	N/A
EASTBOUND	N/A	19		1/A	232	N/A	N/A
NORTHBOUND	102	N/	<del>-</del> -	128	428	N/A	N/A
SOUTHBOUND	94	n/	A (	597	697	n/A	N/A
	EAST-WEST CR	TICAL V	OLUMES .	• • • • • • •		366	
	NORTH-SOUTH	CRITICAL	VOLUMES	• • • • • •	• • • • • • •	799	
	THE SUM OF C	RITICAL	VOLUMES			1165	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE				• • • • • •	0.707	
	LEVEL OF SER	VICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:14, WEYBURN AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	**
AFFROACII	LEFT		THROUGH	MI	N ON GR	een MA	X ON RED
WESTBOUND	70		138		71		0
EASTBOUND	89		178		105		0
NORTHBOUND	123		707		74		0
SOUTHBOUND	28		923		41		44
DO 11.1.2							
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	0	1	1	0	1	0	3
		** 766	IGNED LAN	IF VOLUME	.c **		
		"" Ass.	FONED THE	IT VOTOTI	10		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
711 1 1101 1011	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED
WESTBOUND	n/A	N/.	A I	I/A	N/A	N/A	279
EASTBOUND	N/A	18	4 ì	1/A	188	N/A	N/A
NORTHBOUND	123	N/	A 3	390	390	N/A	N/A
SOUTHBOUND	n/A	43	5 !	516	N/A	41	n/A
						368	
	EAST-WEST CRI					639	
	MONIII DOOTII (	,,,, <u>, , , , , , , , , , , , , , , , ,</u>	VO				
	THE SUM OF C	RITICAL	VOLUMES			1007	
	NUMBER OF CR	LS	2				
	CMA VALUE					0.601	
	LEVEL OF SER	VICE		• • • • • • •		В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:15, WEYBURN AVENUE AND GLENDON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	r R	GHT TURNS	3 **
APPROACH	LEFT		THROUGH	MI	N ON GR	een M/	AX ON RED
WESTBOUND	92		172		0		0
EASTBOUND	0		101		114		0
NORTHBOUND	108		0				46
SOUTHBOUND	0		0		0		0
		**	NUMBER	OF LANES	3 **		
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
112 111011011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	0	0	0	0	0	0	0
		** ASS	IGNED LAN	IE VOLUMI	ES **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
AFFROACH	ONLY	SHAR		ILY :	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/2		I/A	N/A	N/A	264
EASTBOUND	N/A	N/X	A A	I/A	N/A	N/A	215
NORTHBOUND	108	N/3	A N	I/A	N/A	33	N/A
SOUTHBOUND	n/A	N/:	A N	I/A	N/A	N/A	N/A
	EAST-WEST CR	rmtcal M	OT ITMES			307	
	NORTH-SOUTH					108	
	THE SUM OF C	RITICAL	VOLUMES			415	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	TS	2	
	CMA VALUE					0.235	
	LEVEL OF SER	VICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:16, WEYBURN AVENUE AND TIVERTON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

### \*\* INPUT VOLUMES \*\*

APPROACH	LEFT		THROUGH	** MJ	RI IN ON GRI	ight turns Een Ma	X ON RED			
WESTBOUND	0		78		18		0			
EASTBOUND	41		58		0		0			
NORTHBOUND	30		134		20		0			
SOUTHBOUND	18		0		56		0			
DOOTHDOOM		••								
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL			
	ONLY	SHARED	ONLY		ONLY	SHARED	LANES			
WESTBOUND	0	0	0	0	0	1	1			
EASTBOUND	0	0	0	0	0	1	1			
NORTHBOUND	0	0	0	0	0	1	1			
SOUTHBOUND	0	0	0	0	0	1	1			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R			
711 1 1 1 1 1 1 1 1 1 1	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED			
WESTBOUND	N/A	N/	A N	I/A	N/A	N/A	96			
EASTBOUND	N/A	N/	A I	1/A	N/A	n/A	99			
NORTHBOUND	N/A	N/	A Ì	I/A	N/A	N/A	184			
SOUTHBOUND	N/A	N/	A 1	I/A	n/A	N/A	74			
	EAST-WEST CRI	TICAL V	OLUMES . VOLUMES			137 202				
	THE SUM OF CF	RITICAL	VOLUMES		• • • • • • •	339				
	NUMBER OF CRITICAL CLEARANCE INTERVALS 0*									
	CMA VALUE					0.339				
	LEVEL OF SERV	/ICE	•••••			A				

Capacity assumed = 1000.

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INTERSECTION:17, WEYBURN AVENUE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	GHT TURNS	
AFFROACH	LEFT		THROUGH	MI	N ON GRI	een ma	X ON RED
WESTBOUND	13		64		24		0
EASTBOUND	79		65		89		0
NORTHBOUND	28		466		8		0
SOUTHBOUND	17		51 <b>4</b>		66		0
		**	NUMBER	OF LANES	; **		
	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
APPROACH	ONLY	SHARED	ONLY		ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	ŏ	Ō	0	0	0	1	1
NORTHBOUND	Ö	0	0	0	0	1	1
SOUTHBOUND	ō	0	0	0	0	1	1
		** ASS	IGNED LAN	IE VOLUMI	ES **		
							T /M /D
APPROACH	LEFT	LEF		OUGH	RIGHT	RIGHT	L/T/R SHARED
	ONLY				SHARED	ONLY	3nARED 101
WESTBOUND	N/A	•		1/A	N/A	N/A	233
EASTBOUND	N/A	N/		1/A	N/A	N/A N/A	502
NORTHBOUND	N/A	N/		1/A	N/A	·	597
SOUTHBOUND	N/A	N/	A I	N/A	N/A	N/A	391
	EAST-WEST CRI	TICAL V	OLUMES .			246	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • •	• • • • • •	625	
	THE SUM OF CF	RITICAL	VOLUMES			871	
	NUMBER OF CRITICAL CLEARANCE INTERVALS 2						
	CMA VALUE				•••••	0.511	
	LEVEL OF SERV	/ICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:18, KINROSS AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**		GHT TURNS	
	LEFT.		THROUGH	MI	N ON GRE	een ma	X ON RED
WESTBOUND	231		0		101		44
EASTBOUND	0		0		0		0
NORTHBOUND	0		1080		0		54
SOUTHBOUND	40		1254		0		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	0	0	1	0	3
EASTBOUND	0	Ö	0	0	0	0	0
NORTHBOUND	ō	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3
		** 255	TONED TAI	NE VOLUME	s **		
		ADO	101111111111111111111111111111111111111		. •		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
THE ETION ION	ONLY	SHAR	ED O	NLY S	HARED	ONLY	SHARED
WESTBOUND	127	N/	A. 1	A/N	N/A	101	N/A
EASTBOUND	n/A	N/.	<b>A</b> . 1	A/N	N/A	N/A	N/A
NORTHBOUND	n/A	N/.	•	540	N/A	0	N/A
SOUTHBOUND	40	N/	A	627	N/A	N/A	N/A
	EAST-WEST CR					127	
	NORTH-SOUTH (	CRITICAL	VOLUMES			627	
	THE SUM OF C	RITICAL	VOLUMES			754	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE		• • • • • • •			0.433	
	LEVEL OF SER	VICE		• • • • • • •		A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 19, KINROSS AVENUE AND GAYLEY AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

2 2 2 2 2 2 2 1 1				**	R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GR		X ON RED
WESTBOUND	110		58		148		0
EASTBOUND	62		113		85		0
NORTHBOUND	103		655		60		0
SOUTHBOUND	59		806		150		0
		**	NUMBER	OF LANES	**		
арркоасн	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
711 1 1 (01 1011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** 255	IGNED LAN	E VOLIM	cs **		
		ADD	IGHED IN	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<b></b>		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
711 1 1 102 1011	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	110	N/		I/A	206	N/A	N/A
EASTBOUND	62	N/		1/A	198	N/A	N/A
NORTHBOUND	103	N/		358	358	N/A	N/A
SOUTHBOUND	59	N/	A (	178	478	N/A	A\N
	EAST-WEST CRI	TICAL V	OLUMES .		• • • • • •	308	
	NORTH-SOUTH	CRITICAL	VOLUMES	• • • • • •	• • • • • •	581	
	THE SUM OF C	RITICAL	VOLUMES			889	
	NUMBER OF CR		・ケ ロスロスパグロ	T N/TE 201/2	T.Q	2	
	NUMBER OF CR.	ITICAL C	TPWKWMCE	THIRVAN	TID	2	
	CMA VALUE					0.523	
	LEVEL OF SER	VICE			• • • • • •	A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:20, KINROSS AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	**
AFFROACH	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	21		80		63		0
EASTBOUND	66		122		89		0
NORTHBOUND	104		777		68		0
SOUTHBOUND	38		968		52		44
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFEROPOII	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	0	1	0	1	0	0	2
SOUTHBOUND	0	1	1	0	1	0	3
		** ASS	IGNED LAN	IE VOLUMI	ES **		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
112 2 1/02 1011	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	21	N/.	A N	I/A	143	N/A	N/A
EASTBOUND	66	n/.		1/A	211	N/A	N/A
NORTHBOUND	N/A	26		I/A	688	N/A	N/A
SOUTHBOUND	n/A	44	2 !	564	N/A	52	N/A
	EAST-WEST CRI	TICAL V	OLUMES . VOLUMES			232 726	
	THE SUM OF C	RITICAL	VOLUMES		• • • • • •	958	
	NUMBER OF CR	LS	2				
	CMA VALUE				• • • • • •	0.569	
	LEVEL OF SER	VICE			• • • • • •	A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:21, KINROSS AVENUE AND GLENDON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

### \*\* INPUT VOLUMES \*\*

APPROACH			munavav	*:	* RI IN ON GRI	EGHT TURNS	**			
	LEFT		THROUGH 0	Μ.	LM ON GRI	:.E.14 1-14	0			
WESTBOUND	0		=		81		157			
EASTBOUND	106		0 0		40		137			
NORTHBOUND	157		0		26		106			
SOUTHBOUND	137		υ 20				100			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED		SHARED	LANES			
WESTBOUND	0	0	0	0	0	0	0			
EASTBOUND	1	0	0	0	1	0	2			
NORTHBOUND	1	0	0	0	1	0	2			
SOUTHBOUND	1	0	0	0	1	0	2			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	r Thro	UGH	RIGHT	RIGHT	L/T/R			
ALLIGION	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED			
WESTBOUND	N/A	N/X	A N	I/A	N/A	N/A	N/A			
EASTBOUND	106	N/2	A N	I/A	N/A	81	N/A			
NORTHBOUND	157	N/X	A. N	I/A	N/A	40	N/A			
SOUTHBOUND	137	N/2	A N	I/A	N/A	26	N/A			
2000										
	EAST-WEST CRI NORTH-SOUTH C					106 182				
	THE SUM OF CF	RITICAL	VOLUMES .			288				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	, 0*				
	CMA VALUE					0.288				
	LEVEL OF SERV	/ICE			•••••	A				

Capacity assumed = 1000.

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INTERSECTION:22, LINDBROOK DRIVE AND GAYLEY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

				**	1	RIGHT TU	IRNS **
APPROACH	LEFT		THROUGH	MII	N ON G		MAX ON RED
WESTBOUND	213		0	•	237		0
EASTBOUND	0		0		0		0
NORTHBOUND	Ö		696		242		. 0
SOUTHBOUND	108		905		0		0
SOUTHBOOMD	100						
		**	NUMBER	OF LANES	**		
	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/	R TOTAL
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY		ED LANES
		0 0	0	1	0	0	2
WESTBOUND	1	0	0	0	Ö	0	0
EASTBOUND	0	0	1	1	Ö	Ō	3
NORTHBOUND	1 1	0	1	î	ő	Ō	3
SOUTHBOUND	1	U	1	-	Ū	·	
		** ASS	igned Lan	NE VOLUME	s **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGH'	
APPROACH	ONLY	SHAR			HARED	ONL	y SHARED
WESTBOUND	213	N/		I/A	237	N/3	
EASTBOUND	N/A	N/		N/A	N/A	N/X	A N/A
NORTHBOUND	0	N/		169	469	N/.	A N/A
SOUTHBOUND	108	N/	A	452	452	N/	A N/A
20014POOND	100	2-7,	-				
	EAST-WEST CRI	TICAL V	OLUMES .			. 237 . 577	
	NORTH-SOUTH C	KIII TOND	VOLIGITIES				
	THE SUM OF CF	RITICAL	VOLUMES			. 814	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	ւՏ	. 2	
	CMA VALUE					. 0.473	
	LEVEL OF SERV	/ICE				. А	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:23, LINDBROOK DRIVE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

					_	<b></b>	**
APPROACH				**		IGHT TURNS	AX ON RED
	LEFT		THROUGH	MI.	N ON GR	een m	O RED
WESTBOUND	100		244		122		0
EASTBOUND	37		128		99		64
NORTHBOUND	89		932		197		64 0
SOUTHBOUND	30		988		74		U
		**	MANDED	OF LANES	**		
		* *	NUMBER	OF THIRD			
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
112 2 1(01.01.	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	0	1	1	0	1	0	3
SOUTHBOUND	0	1	1	1	0	0	3
50015001							
		** ASS	igned lan	IE VOLUME	:s **		
		7 12120	ח מעדטע	OUGH	RIGHT	RIGHT	L/T/R
APPROACH	LEFT	LEF. SHARI	=		HARED	ONLY	SHARED
***************************************	ONLY N/A	22		1/A	240	N/A	N/A
WESTBOUND	N/A N/A	11	_	1/A	148	N/A	N/A
EASTBOUND	N/A N/A	31:	•	702	N/A	197	N/A
NORTHBOUND	•	27	-	410	410	N/A	N/A
SOUTHBOUND	N/A	21	7 .	410	410	20, 22	7.7
						077	
	EAST-WEST CRI	TICAL V	OLUMES .		• • • • • •	277	
	NORTH-SOUTH	CRITICAL	VOLUMES	• • • • • •	• • • • • •	732	
	THE SUM OF C	TTTCAL.	VOLUMES			1009	
				••••			
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.603	
						В	
	LEVEL OF SER	VICE	• • • • • • •			В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:24, LINDBROOK DRIVE AND GLENDON AVENUE/TIVERTON AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

				**	R	IGHT TURNS	**
APPROACH	+ क स्था		THROUGH	мт	n on gr		X ON RED
**************************************	LEFT 316		529		124		0
WESTBOUND	104		344		58		0
EASTBOUND	104 54		316		62		188
NORTHBOUND SOUTHBOUND	115		135		88		0
SOUTHBOUND	113						
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
Millonon	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	1	0	0	1	0	0	2
		** ASS	IGNED LAN	ie volumi	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
ALLIONON	ONLY	SHAR	ED O	ILY S	SHARED	ONLY	SHARED
WESTBOUND	N/A	32	5 <b>1</b>	1/A	644	n/A	N/A
EASTBOUND	N/A	13	5 1	N/A	371	n/A	N/A
NORTHBOUND	54	N/		316	N/A	62	N/A
SOUTHBOUND	115	N/	A l	A/N	223	N/A	N/A
	EAST-WEST CRI	TICAL V	OLUMES . VOLUMES			748 431	
THE SUM OF CRITICAL VOLUMES 1179							
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.716	
	LEVEL OF SER	VICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:25, LINDBROOK DRIVE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

### \*\* INPUT VOLUMES \*\*

APPROACH	LEFT		THROUGH	** MT	RI N ON GRI	GHT TURNS	** AX ON RED
	0 DE:1		80		42		0
WESTBOUND	0		0		0		0
EASTBOUND	0		490		Ô		140
NORTHBOUND	45		577		0		0
SOUTHBOUND	43		0,,,				
		**	NUMBER	OF LANES	; **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	1	0	1	0	2
SOUTHBOUND	0	1	0	0	0	0	1
		** ASS	IGNED LAN	E VOLUMI	ES **		
APPROACH	LEFT	LEF	THRC	UGH	RIGHT	RIGHT	L/T/R
Attionen	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/	A N	i/A	N/A	N/A	122
EASTBOUND	N/A	n/	A N	I/A	n/a	N/A	N/A
NORTHBOUND	N/A	N/		190	N/A	.0	N/A
SOUTHBOUND	N/A	62	2 h	I/A	N/A	N/A	N/A
	EAST-WEST CRI NORTH-SOUTH C	TICAL V	OLUMES		•••••	122 622	
THE SUM OF CRITICAL VOLUMES 744							
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	0*	
	CMA VALUE				• • • • • •	0.496	
	LEVEL OF SERV	лсе				A	

Capacity assumed = 1500.

\_\_\_\_

INTERSECTION:26, WILSHIRE BOULEVARD AND SEPULVEDA BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

ADDDOACU				**	R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	341		3246		284		0
EASTBOUND	243		2849		251		0
NORTHBOUND	171		727		222		0
SOUTHBOUND	82		307		78		0
BOOTHBOOM							
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
711 1 1107 1071	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	1	0	3	1	0	0	5
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF	т тнко	OUGH	RIGHT	RIGHT	L/T/R
APPROACH	ONLY	SHAR	_	ILY .	SHARED	ONLY	SHARED
WESTBOUND	188	N/		382	882	n/A	N/A
EASTBOUND	243	N/	A	175	775	N/A	N/A
NORTHBOUND	171	N/	A. 4	474	474	N/A	N/A
SOUTHBOUND	82	N/	<b>A</b> :	192	192	n/A	N/A
						1125	
	EAST-WEST CRI	TICAL V	OLUMES .			556	
	MOKIM BOOTH (	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , , , , , , , , , , , , ,				
	THE SUM OF C	RITICAL	VOLUMES			1681	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	5	
	CMA VALUE					1.153	
	LEVEL OF SER	VICE				F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:27, WILSHIRE BOULEVARD AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

					_		**
APPROACH				**		IGHT TURNS	XX ON RED
	LEFT		THROUGH	MI	N ON GR	een m	AX ON RED
WESTBOUND	76		2707		50		0
EASTBOUND	221		2929		154		•
NORTHBOUND	279		676		98		21 122
SOUTHBOUND	63		316		808		122
		**	NUMBER	OF LANES	**		
2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
TOTAL COMPOSITION	2	0	3	1	0	0	6
WESTBOUND EASTBOUND	2	Ŏ	3	1	Ō	0	6
NORTHBOUND	1	0	2	ō	1	0	4
SOUTHBOUND	1	Ö	1	1	ī	0	4
DOGINDOGRA	-						
		** ASS	IGNED LAN	NE VOLUMI	ES **		
APPROACH	LEFT	LEF	r THRO	OUGH	RIGHT	RIGHT	L/T/R
ALLIGNON	ONLY	SHAR	ED O	NLY S	SHARED	ONLY	SHARED
WESTBOUND	42	N/	A (	589	689	N/A	n/A
EASTBOUND	122	N/	A '	771	771	N/A	N/A
NORTHBOUND	279	N/.	A :	338	N/A	98	N/A
SOUTHBOUND	63	N/.	A :	316	N/A	404	N/A
	EAST-WEST CRI					813	
	NORTH-SOUTH (	CRITICAL	VOLUMES			683	
THE SUM OF CRITICAL VOLUMES 1496							
	NUMBER OF CR	TTICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.980	
	LEVEL OF SER	VICE				E	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:28, WILSHIRE BOULEVARD AND GAYLEY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	; **
APPROACH	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	37		1851		98		0
EASTBOUND	458		2454		110		0
NORTHBOUND	91		337		41		49
SOUTHBOUND	111		234		296		504
SOUTHBOOMS							
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	3	1	0	0	5
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	0	2	0	4
		** ASS	IGNED LA	NE VOLUME	:s **		
APPROACH	LEFT	LEF	THR:	OUGH	RIGHT	RIGHT	L/T/R
ALLIGION	ONLY	SHAR	ED O	NLY S	HARED	ONLY	SHARED
WESTBOUND	37	N/.	A	487	487	N/A	N/A
EASTBOUND	252	N/	A	641	641	N/A	N/A
NORTHBOUND	91	N/	A.	168	N/A	41	N/A
SOUTHBOUND	111	N/	Α	234	N/A	148	N/A
	EAST-WEST CRI	TTCAL V	OLUMES .			739	
	NORTH-SOUTH					325	
	THE SUM OF CH	ንተሞተ <b>ሮ</b> ል፣.	VOLUMES			1064	
	THE SUM OF C	TIICM	4 O D O L I D D				
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.677	
	LEVEL OF SER	VICE			• • • • • •	В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:29, WILSHIRE BOULEVARD AND WESTWOOD BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				**	R	IGHT TURNS	**	
APPROACH	LEFT		THROUGH	MI	N ON GR		X ON RED	
WESTBOUND	183		1676		84		0	
EASTBOUND	367		2273		193		0	
NORTHBOUND	153		778		268		0	
SOUTHBOUND	114		727		106		202	
		**	NUMBER	OF LANES	**			
* 222004CII	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL	
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES	
WESTBOUND	2	0	3	1	0	0	6	
EASTBOUND	2	0	3	1	0	0	6	
NORTHBOUND	1	Ö	2	1	0	0	4	
SOUTHBOUND	1	Ŏ	3	0	1	0	5	
DOUTHEOTHE	-							
		** ASS	IGNED LAN	NE VOLUM	ES **			
APPROACH	LEFT	LEF	THRO	OUGH	RIGHT	RIGHT	L/T/R	
APPROACH	ONLY	SHAR		1LY	SHARED	ONLY	SHARED	
WESTBOUND	101	N/		440	440	N/A	N/A	
EASTBOUND	202	N/		616	616	N/A	N/A	
NORTHBOUND	153	N/	A.	349	349	N/A	N/A	
SOUTHBOUND	114	N/	A :	242	N/A	106	N/A	
Soothboomb								
	EAST-WEST CR	TTTCAL V	OLUMES .			717		
	NORTH-SOUTH	CRITICAL	VOLUMES			463		
	MONITE DOGETH							
	THE SUM OF CRITICAL VOLUMES 1180							
	NUMBER OF CR	ተመተረጓ፣ (	・1 セカロカがぐを	TMPERVA	T.S	4		
	NUMBER OF CR	TITCATE C				•		
	CMA VALUE					0.788		
	LEVEL OF SER	VICE				С		

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 30, WILSHIRE BOULEVARD AND GLENDON AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				* *	r R	GHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	126		1765		209		0
EASTBOUND	268		2419		66		0
NORTHBOUND	92		82		53		0
SOUTHBOUND	149		97		126		126
500111200115							
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
111 2 1101 1011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	3	1	0	0	5
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	1	0	1	0	2	0	4
<b>- -</b>							
		** ASS	IGNED LAI	ME VOLUM	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED O	1LY	SHARED	ONLY	SHARED
WESTBOUND	126	N/	A '	194	494	N/A	N/A
EASTBOUND	147	N/		621	621	N/A	N/A
NORTHBOUND	N/A	N/		N/A	N/A	N/A	227
SOUTHBOUND	149	n/	A	97	N/A	63	N/A
	EAST-WEST CRI	TICAL V	OLUMES .			747	
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • •		376 	
	THE SUM OF CH	RITICAL	VOLUMES			1123	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE		• • • • • • •			0.718	
	LEVEL OF SERV	VICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:31, WILSHIRE BOULEVARD AND SELBY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**		GHT TURNS	
THE ENGLISH	LEFT		THROUGH	MI	N ON GRI	een Ma	X ON RED
WESTBOUND	54		2181		65		0
EASTBOUND	28		2390		0		61
NORTHBOUND	47		54		97		0
SOUTHBOUND	134		46		0		15
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	0	3	0	1	0	5
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	1	0	0	1	0	2
		** ASS	IGNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
711 1 1 (07 1011	ONLY	SHAR	ED O	ILY	SHARED	ONLY	SHARED
WESTBOUND	54	N/	А 7	749	749	N/A	N/A
EASTBOUND	28	N/		797	N/A	.0	N/A
NORTHBOUND	N/A	N/		I/A	N/A	N/A	198
SOUTHBOUND	N/A	18	0 1	A/N	N/A	0	N/A
	EAST-WEST CRI	TICAL V	OLUMES . VOLUMES			851 332	
THE SUM OF CRITICAL VOLUMES 1183							
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE				• • • • • •	0.719	
	LEVEL OF SER	VICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 32, WILSHIRE BOULEVARD AND WESTHOLME AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS		
711 2 1102 1011	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED	
WESTBOUND	51		2266		68		0	
EASTBOUND	60		2511		17		20	
NORTHBOUND	41		75		72		0	
SOUTHBOUND	115		158		29		0	
		**	NUMBER	OF LANES	**			
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL	
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES	
WESTBOUND	1	0	2	1	0	0	4	
FASTBOUND	1	Õ	3	0	1	0	5	
NORTHBOUND	0	Ö	0	0	0	1	1	
SOUTHBOUND	Ō	Ō	0	0	0	1	1	
		** ASS	IGNED LAN	IE VOLUME	S **			
APPROACH	LEFT	LEF	r THRO	OUGH	RIGHT	RIGHT	L/T/R	
ALLMONON	ONLY	SHAR	ED O	ILY S	HARED	ONLY	SHARED	
WESTBOUND	51	N/	A. T	778	778	N/A	N/A	
EASTBOUND	60	N/	A 8	337	n/a	17	N/A	
NORTHBOUND	N/A	N/	A I	N/A	N/A	N/A	188	
SOUTHBOUND	N/A	N/	A I	A/N	N/A	N/A	302	
	EAST-WEST CRI	TICAL V	OLUMES .			888		
	NORTH-SOUTH (	CRITICAL	VOLUMES		• • • • • •	343		
	THE SUM OF C	RITICAL	VOLUMES			1231		
NUMBER OF CRITICAL CLEARANCE INTERVALS 3								
	CMA VALUE			0.794				
	LEVEL OF SER	VICE		• • • • • • •		С		

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:33, WILSHIRE BOULEVARD AND WARNER AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	3 **
AFFROACII	LEFT		THROUGH	MI	N ON GR	een ma	AX ON RED
WESTBOUND	33		2107		44		0
EASTBOUND	76		2387		38		0
NORTHBOUND	33		47		5		16
SOUTHBOUND	68		64		0		43
20011120111							
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	0	2	1	0	0	4
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	1	0	1	0	1	0	3
		** 255	igned Lan	IR VOLUME	cs **		
		AJJ	IGNED IF				
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
AFFROACH	ONLY	SHAR	_	ILY S	SHARED	ONLY	SHARED
WESTBOUND	33	N/.	A '	71 <b>7</b>	717	N/A	N/A
EASTBOUND	76	N/	A (	808	808	N/A	N/A
NORTHBOUND	33	N/.	A.	47	N/A	5	N/A
SOUTHBOUND	68	N/	A	64	N/A	0	n/a
	EAST-WEST CR	TICAL V	OLUMES .			841	
	NORTH-SOUTH	CRITICAL	VOLUMES	• • • • • • •	• • • • • •	115	
	THE SUM OF C	RTTICAL	VOLUMES			956	
	1112 0011 01 01						
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.601	
	LEVEL OF SER	VICE				В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:34, WELLWORTH AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

7 000003 (7)				**	R	IGHT TURNS	3 **
APPROACH	LEFT		THROUGH	MI	N ON GR		AX ON RED
WESTBOUND	273		145		58		0
EASTBOUND	20		60		62		0
NORTHBOUND	50		1064		78		0
SOUTHBOUND	64		1115		64		0
DOO 111DOOMD							
		**	NUMBER	OF LANES	\$ <b>*</b> *		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAM	E VOLUM	ES **		
							- /m/n
APPROACH	LEFT	LEF		OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED 476
WESTBOUND	n/A	N/		1/A	N/A	N/A	142
EASTBOUND	N/A	N/		N/A	N/A	N/A	N/A
NORTHBOUND	50	N/		571	571	N/A	N/A
SOUTHBOUND	64	N/	A :	590	590	N/A	N/A
	EAST-WEST CR	ጥተሮኔ፣ ህ	OLUMES .			496	
	NORTH-SOUTH					640	
THE SUM OF CRITICAL VOLUMES 1136							
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.687	
	LEVEL OF SER	VICE				В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:35, OHIO AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

WESTBOUND 72 279 44	AX ON RED
WESTBOOND	
	0
EASTBOUND 166 368 18	51
NORTHBOUND 102 1003 51	0
SOUTHBOUND 52 1244 228	0
** NUMBER OF LANES **	
APPROACH LEFT LEFT THROUGH RIGHT RIGHT L/T/R	
ONLY SHARED ONLY SHARED ONLY SHARED	
WESTBOUND 1 0 0 1 0 0	2
EASTBOUND 1 0 1 0 1 0	3
NORTHBOUND 1 0 1 1 0 0	3
SOUTHBOUND 1 0 1 1 0 0	3
** ASSIGNED LANE VOLUMES **	
** WRATEMEN INME ACRONER	
APPROACH LEFT LEFT THROUGH RIGHT RIGHT	L/T/R
ONLY SHARED ONLY SHARED ONLY	SHARED
WESTBOUND 72 N/A N/A 323 N/A	N/A
EASTBOUND 166 N/A 368 N/A 18	N/A
NORTHBOUND 102 N/A 527 527 N/A	N/A
SOUTHBOUND 52 N/A 736 736 N/A	N/A
EAST-WEST CRITICAL VOLUMES 489	
NORTH-SOUTH CRITICAL VOLUMES	
THE SUM OF CRITICAL VOLUMES 1327	
THE SOM OF CATITAIN TODOWNS TOTAL	
NUMBER OF CRITICAL CLEARANCE INTERVALS 2	
CMA VALUE 0.815	
LEVEL OF SERVICE D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 36, SANTA MONICA BOULEVARD (N I/S) AND WESTWOOD BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: EXISTING (2001)

APPROACH				**	R	IGHT TURNS	
AFFROACH	LEFT		THROUGH	MI	n on gr	een ma	X ON RED
WESTBOUND	140		1419		142		0
EASTBOUND	169		1649		63		
NORTHBOUND	98		1125	63			0
SOUTHBOUND	82		994		36		96
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY		LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	0	2	1	0	0	4
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	2	0	1	0	4
		** ASS	igned Lan	IE VOLUME	ES **		
		ADD	TONDD III	12 1020112			
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
AFFROACH	ONLY	SHAR		ILY S	SHARED	ONLY	SHARED
WESTBOUND	140			520	520	N/A	N/A
EASTBOUND	169	N/	A .	571	571	N/A	N/A
NORTHBOUND	98	N/	A 5	594	594	N/A	N/A
SOUTHBOUND	82	n/	A ·	197	N/A	36	N/A
						711	
	EAST-WEST CR	TICAL V	OLUMES .		• • • • • •	676	
	NORTH-SOUTH	CRITICAL	' AOTOWER	• • • • • •			
	THE SUM OF C	RITICAL	VOLUMES			1387	
	NUMBER OF CRITICAL CLEARANCE INTERVALS 3						
	CMA VALUE					0.903	
	LEVEL OF SER	VICE				E	
	LEVEL OF SER	VICE				-	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:1, SUNSET BOULEVARD AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

				* 1	∗ R	IGHT TURNS	s **
APPROACH	LEFT		THROUGH	M:	IN ON GR		AX ON RED
WESTBOUND	316		1102		0		0
EASTBOUND	0		2125		374		0
NORTHBOUND	60		0 65				158
SOUTHBOUND	0		0		0		0
		**	NUMBER	OF LANE	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AL L'HOTION	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	0	0	0	3
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	0	0	0	0	0	0	0
		** ASS	IGNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	316	N/.	•	551	N/A	N/A	N/A
EASTBOUND	n/A	N/.		250	1250	N/A	N/A
NORTHBOUND	60	N/.		I/A	N/A	65	N/A
SOUTHBOUND	N/A	N/	A l	A/I	N/A	N/A	N/A
	EAST-WEST CRI	TICAL V	OLUMES . VOLUMES			1566 65	
	THE SUM OF C	RITICAL	VOLUMES			1631	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	ALS	3	
	CMA VALUE					1.075	
	LEVEL OF SER	VICE	• • • • • • •			F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:2, SUNSET BOULEVARD AND HILGARD AVENUE/COPA DE ORO ROAD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				*	* R	IGHT TURNS	**			
741 1 1(0) 1011	LEFT		THROUGH	M:	IN ON GR	een ma	X ON RED			
WESTBOUND	539		1182		27		0			
EASTBOUND	27		1247		323		0			
NORTHBOUND	195		29		0		113			
SOUTHBOUND	53		105		17		0			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
***************************************	ONLY	SHARED	ONLY	SHARED		SHARED	LANES			
WESTBOUND	1	0	1	1	0	0	3			
EASTBOUND	1	0	1	1	0	0	3			
NORTHBOUND	1	0	0	0	1	1	3			
SOUTHBOUND	0	0	0	0	0	1	1			
		** DGG	IGNED LAN	TE MOTIM	rec **					
		** ASS.	TONED THAT	AG AOTOM	169					
APPROACH	LEFT	LEF	r Thro	OUGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR			SHARED	ONLY	SHARED			
WESTBOUND	539	N/		504	604	N/A	N/A			
EASTBOUND	27	N/.		785	785	N/A	N/A			
NORTHBOUND	112	11.	_	I/A	N/A	0	N/A			
SOUTHBOUND	N/A	N/.	A 1	A/N	N/A	N/A	175			
						1204				
	EAST-WEST CRI	TICAL V	OLUMES .			1324 287				
	NORTH-SOUTH C	RITICAL	VOLUMES			207				
	THE SUM OF CF	RITICAL	VOLUMES			1611				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERV	ALS	4*				
	CMA VALUE		• • • • • • •			1.102				
	LEVEL OF SERV	/ICE				F				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Northbound and Southbound approaches have opposed signal phases.

Palazzo\Update 2002\Shopping Center Project.xls, Worksheet: Total, Row: 75 8/9/2002 3:42:04 PM

INTERSECTION:3, SUNSET BOULEVARD AND BEVERLY GLEN BLVD./BEL AIR ROAD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				**	· R	IGHT TURNS	3 **
APPROACH	LEFT		THROUGH	мт	N ON GR		AX ON RED
WESTBOUND	664		1762		59		0
EASTBOUND	20		1163		95		0
NORTHBOUND	55		46		0		332
SOUTHBOUND	108		81		26		0
DOOTHDOOMD	200						
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	igned Lai	NE VOLUME	ns **		
APPROACH	LEFT	LEFT	r THRO	OUGH	RIGHT	RIGHT	L/T/R
ALLINOACII	ONLY	SHAR			HARED	ONLY	SHARED
WESTBOUND	664	N/A	A !	910	910	N/A	N/A
EASTBOUND	20	N/A	<b>A</b> (	629	629	N/A	N/A
NORTHBOUND	55	N/7	A	46	N/A	0	N/A
SOUTHBOUND	N/A	N/2	A 1	A/N	N/A	N/A	215
	EAST-WEST CRI	TICAL V	OLUMES .			1292	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •		270 	
	THE SUM OF CF	RITICAL '	VOLUMES			1562	
	NUMBER OF CRI	LS	4*				
	CMA VALUE					1.066	
	LEVEL OF SERV	/ICE		• • • • • • •		F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Northbound and Southbound approaches have opposed signal phases.

INTERSECTION: 4, MONTANA BOULEVARD AND SEPULVEDA BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	
	LEFT		THROUGH	M]	IN ON GR	een M	AX ON RED
WESTBOUND	74		122		102		0
EASTBOUND	12		378		84		0
NORTHBOUND	102		333		504		37
SOUTHBOUND	466		983		90		0
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFFROACII	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	Ö	0	0	0	0	1	1
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	igned Lan	IE VOLUM	ES **		
APPROACH	LEFT	LEF	THRC	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED
WESTBOUND	n/A	10	1 N	I/A	198	N/A	N/A
EASTBOUND	n/A	N/	A N	I/A	n/A	N/A	474
NORTHBOUND	102	n/		.66	N/A	504	N/A
SOUTHBOUND	466	N/	A 5	36	536	N/A	N/A
	EAST-WEST CRI					548 970	
	THE SUM OF C	RITICAL	VOLUMES .		• • • • • •	1518	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.995	
	LEVEL OF SER	VICE	• • • • • • •		•••••	E	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 5, MONTANA BOULEVARD/GAYLEY AVENUE AND VETERAN AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	r R	IGHT TURNS	**			
AFFROACII	LEFT		THROUGH	MI	N ON GR	een <i>ma</i>	X ON RED			
WESTBOUND	13		109		40		0			
EASTBOUND	118		781		47		0			
NORTHBOUND	94		337		34		0			
SOUTHBOUND	133		425		37		0			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	0	0	0	0	1	1			
EASTBOUND	0	0	0	0	0	1	1			
NORTHBOUND	0	0	0	0	0	1	1			
SOUTHBOUND	0	0	0	0	0	1	1			
					re **					
		** ASS	IGNED LAN	IE AOTOWI	55 **					
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED			
WESTBOUND	n/A	N/.	A N	I/A	N/A	N/A	162			
EASTBOUND	N/A	N/	A. N	I/A	N/A	N/A	946			
NORTHBOUND	N/A	N/.	A N	I/A	n/a	N/A	465			
SOUTHBOUND	N/A	N/.	A N	I/A	N/A	N/A	595			
	EAST-WEST CRI	TTCAL V	OLUMES			959				
	NORTH-SOUTH C					689				
						1648				
	THE SUM OF CE	RITICAL	VOLUMES .			1040				
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	Ls	2				
	CMA VALUE					1.029				
	LEVEL OF SERV	/ICE				F				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:6, WYTON DRIVE AND HILGARD AVENUE
DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	\$ <b>*</b> *
ALLIOACII	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	25		120		50		0
EASTBOUND	18		34		5		116
NORTHBOUND	233		287		18		0
SOUTHBOUND	50		658		478		0
		**	NUMBER	OF LANES	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	1	0	0	1	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	IE VOLUMI	ES **		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
•	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	N/A	N/		I/A	N/A	N/A	195
EASTBOUND	N/A	5.		I/A	N/A	5	N/A
NORTHBOUND	233	N/	-	52	152	N/A	N/A
SOUTHBOUND	50	N/.	Α :	68	568	N/A	N/A
	EAST-WEST CRI					213	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • •	• • • • • •	801	
	THE SUM OF CF	RITICAL	VOLUMES .		• • • • • •	1014	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.606	
	LEVEL OF SERV	/ICE	• • • • • • • •		• • • • • • •	В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 7, LEVERING AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				*			TURNS	**		
	LEFT		THROUGH	M.	IN ON	GREEN	MAX	ON RED		
WESTBOUND	0		0		_	1		_		
EASTBOUND	48		0		3	15		0		
NORTHBOUND	58		446 5					0		
SOUTHBOUND	0		429			41		U		
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIG	HT L	/T/R	TOTAL		
AL LINGILOI	ONLY	SHARED	ONLY	SHARED	ON	ILY SH	ARED	LANES		
WESTBOUND	0	0	0	0	C	)	1	1		
EASTBOUND	0	0	0	0	C	)	1	1		
NORTHBOUND	0	0	0	0	C	)	1	1		
SOUTHBOUND	0	0	0	0	C	)	1	1		
		** ASS	IGNED LA	NE VOLUM	ES 7	**				
APPROACH	LEFT	LEF	T THRO	OUGH	RIG	IT RI	GHT	L/T/R		
	ONLY	SHAR	ED O	NLY	SHAR		NLY	SHARED		
WESTBOUND	N/A	N/	A I	N/A	N/A	_	N/A	1		
EASTBOUND	N/A	N/	A J	N/A	N/2	-	N/A	363		
NORTHBOUND	N/A	N/	<b>A</b> ]	N/A	N/A	A	N/A	509		
SOUTHBOUND	n/A	N/	A 1	A/N	N/2	A	N/A	470		
	EAST-WEST CRI	TICAL V	OLUMES .			36	- <del>-</del>			
	NORTH-SOUTH (	RITICAL	VOLUMES		• • • •	52	28			
	THE SUM OF C	89	91							
	NUMBER OF CRITICAL CLEARANCE INTERVALS						2			
	CMA VALUE				• • • •	0.52	24			
	LEVEL OF SER	/ICE				•••	A			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:8, LE CONTE AVENUE AND GAYLEY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	r R	IGHT TURNS	3 **			
APPROACH	LEFT		THROUGH	M	N ON GR		X ON RED			
WESTBOUND	223		59		221		62			
EASTBOUND	63		71		16		0			
NORTHBOUND	12		945		190					
SOUTHBOUND	123		308		7		0			
DOGINDOGND										
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
<b></b>	ONLY	SHARED	ONLY	SHARED	ONLY		LANES			
WESTBOUND	1	0	1	0	1	0	3			
EASTBOUND	1	0	0	1	0	0	2			
NORTHBOUND	1	0	1	1	0	0	3			
SOUTHBOUND	1	0	1	1	0	0	3			
		** ASS	IGNED LAN	IE VOLUM	ES **					
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R			
112 2 1.0. 101.	ONLY	SHAR	ED ON	ILY .	SHARED	ONLY	SHARED			
WESTBOUND	223	N/.	A	5 <del>9</del>	N/A	221	N/A			
EASTBOUND	63	N/	A I	I/A	87	N/A	N/A			
NORTHBOUND	12	N/	Α .	568	568	N/A	N/A			
SOUTHBOUND	123	N/	<b>A</b> :	L58	158	N/A	N/A			
	EAST-WEST CRI	TICAL V	OLUMES . VOLUMES	• • • • • • •		310 691				
	THE SUM OF CF	RITICAL	VOLUMES			1001				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2				
	CMA VALUE					0.597				
	LEVEL OF SERV	/ICE			• • • • • •	A				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:9, LE CONTE AVENUE AND WESTWOOD PLAZA/WESTWOOD BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	GHT TURNS	**
AFFROACH	LEFT		THROUGH	MI	n on gri	een ma	X ON RED
WESTBOUND	152		357		90		31
EASTBOUND	132		315		54		0
NORTHBOUND	130		867		221		76
SOUTHBOUND	62		244		22		82
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
ALINOHOL	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	0	1	0	3
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	2	0	1	0	4
					rc **		
		** ASS	IGNED LAN	E AOTOW	55 **		
APPROACH	LEFT	LEF	r THRO		RIGHT	RIGHT	L/T/R
11111011011	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	152	N/2	_	357	N/A	90	N/A
EASTBOUND	132	N/.	A N	I/A	369	N/A	N/A
NORTHBOUND	130	N/	A. 4	134	N/A	221	N/A
SOUTHBOUND	62	N/	A. 1	L <b>2</b> 2	N/A	22	N/A
	EAST-WEST CR	ITICAL V	OLUMES			521	
	NORTH-SOUTH	CRITICAL	VOLUMES	• • • • • • •		496	
	THE SUM OF C	RTTTCAT.	VOLUMES				
	THE SOM OF C.	(IIII CALL					
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE		• • • • • • •			0.608	
	LEVEL OF SER	VICE				В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:10, LE CONTE AVENUE AND TIVERTON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

3 DDD03 CU				**	r R	IGHT TURNS	3 **
APPROACH	LEFT		THROUGH	МІ	N ON GR	:	X ON RED
WESTBOUND	23		469		71		0
EASTBOUND	158		338		44		0
NORTHBOUND	19		108		26		0
SOUTHBOUND	49		40				79
<b>— — — — —</b>							
		**	NUMBER	OF LANES	3 ** *		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
711 2 7 701 701	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	1	0	0	1	0	2
		** ASS	igned Lai	NE VOLUM	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED O	4LY	SHARED	ONLY	SHARED
WESTBOUND	23	N/:	A 2	270	270	N/A	N/A
EASTBOUND	158	N/.		191	191	N/A	N/A
NORTHBOUND	N/A	N/.		N/A	N/A	N/A	153
SOUTHBOUND	n/a	8	9 1	A/N	N/A	200	N/A
	EAST-WEST CRI					428	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • •	• • • • • •	219	
	THE SUM OF CF	RITICAL	VOLUMES			647	
	NUMBER OF CRI	LS	2				
	CMA VALUE					0.367	
						*	
	LEVEL OF SERV	/ICE	• • • • • • •			A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:11, LE CONTE AVENUE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

#### \*\* INPUT VOLUMES \*\*

N D D D O N C U				**	R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GR		X ON RED
WESTBOUND	27		142		8		0
EASTBOUND	302		49		0		53
NORTHBOUND	43		593		32		0
SOUTHBOUND	13		332		222		176
		**	NUMBER	OF LANES	; **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY		LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	1	0	0	1	0	3
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	1	1	0	1	0	3
		** ASS	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
ALLMONON	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED
WESTBOUND	27	N/.	A 1	I/A	150	N/A	N/A
EASTBOUND	176	17	6 1	A\I	N/A	0	N/A
NORTHBOUND	N/A	N/		I/A	N/A	N/A	668
SOUTHBOUND	N/A	15	9	186	N/A	222	A/N
	EAST-WEST CRI					326 681	
	THE SUM OF CF	RITICAL	VOLUMES			1007	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3*	
	CMA VALUE					0.637	
	LEVEL OF SERV	/ICE				В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Eastbound and Westbound approaches have opposed signal phases.

Palazzo\Update 2002\Shopping Center Project.xls, Worksheet: Total, Row: 84 8/9/2002 3:42:04 PM

INTERSECTION:12, WEYBURN AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

				**	RI	GHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GRE		X ON RED
WESTBOUND	318		0		67		0
EASTBOUND	0		0		0		0
NORTHBOUND	0		297		417		192
SOUTHBOUND	165		759		0		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AL I NOTION	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	0	0	1	2
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3 3
SOUTHBOUND	1	0	2	0	0	0	3
		** 252	IGNED LAN	E VOLUMI	ES **		
		AUU	101102 22				
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
Arrionon	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	192	N/		I/A	N/A	N/A	192
EASTBOUND	n/a	N/	• -	I/A	N/A	N/A	N/A N/A
NORTHBOUND	N/A	N/	• -	48	N/A	417	N/A N/A
SOUTHBOUND	165	N/	A 3	380	N/A	N/A	N/A
						192	
	EAST-WEST CRI	TICAL V	OLUMES .			582	
	NORTH-SOUTH	CRITICAL	OTOMES	•••••			
	THE SUM OF C	RITICAL	VOLUMES			774	
	NUMBER OF CR	ITICAL (	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.446	
	LEVEL OF SER	UTCE		<b></b>		A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 13, WEYBURN AVENUE AND GAYLEY AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

### \*\* INPUT VOLUMES \*\*

				**	RI	GHT TURNS	**
APPROACH	LEFT		THROUGH	M	N ON GRE		X ON RED
rangmpotthD	38		99	-	36		0
WESTBOUND EASTBOUND	411		256		67		0
NORTHBOUND	81		781		157		0
SOUTHBOUND	30		378		218		0
SOUTHBOOKE							
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	Ö	1	0	1	0	0	2
NORTHBOUND	ì	0	1	1	0	0	3
SOUTHBOUND	ī	0	1	1	0	0	3
50011150411							
		** ASS	IGNED LAM	NE VOLUM	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
AFFROACH	ONLY	SHAR	ED O	NLY	SHARED	ONLY	SHARED
WESTBOUND	N/A	7	5 1	N/A	98	N/A	N/A
EASTBOUND	411	N/	A 1	N/A	323	N/A	N/A
NORTHBOUND	81	N/	A ·	469	469	N/A	N/A
SOUTHBOUND	30	N/	A :	298	298	n/A	N/A
500111200111							
						_	
	EAST-WEST CR	TICAL V	OLUMES .			509	
	NORTH-SOUTH	CRITICAL	. VOLUMES			499	
	THE SUM OF C	RITICAL	VOLUMES			1008	
						_	
	NUMBER OF CR	ITICAL (	LEARANCE	INTERV	ALS	2	
	CMA VALUE					0.602	
	LEVEL OF SER	VICE				В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Palazzo\Update 2002\Shopping Center Project.xls, Worksheet: Total, Row: 86 8/9/2002 3:42:04 PM

INTERSECTION:14, WEYBURN AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				*	* RI	GHT TURNS	; **
APPROACH	LEFT		THROUGH	M.	IN ON GRE	een ma	X ON RED
WESTBOUND	30		88		39		0
EASTBOUND	69		131		45		0
NORTHBOUND	68		1114		34	0	
SOUTHBOUND	16		368		4		34
D004112 # - 11-							
		**	NUMBER	OF LANE	S **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	Ŏ	ì	0	1	0	0	2
NORTHBOUND	ĭ	ō	1	1	0	0	3
SOUTHBOUND	0	1	1	0	1	0	3
50011.5001.5							
		** ASS	IGNED LAM	NE VOLUM	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
AFFROACH	ONLY	SHAR	ED O	NLY	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/.	A I	N/A	N/A	N/A	157
EASTBOUND	N/A	12	2 1	A\N	122	N/A	N/A
NORTHBOUND	68	N/	A !	574	574	N/A	N/A
SOUTHBOUND	N/A	15	4	230	N/A	4	N/A
<b>4001</b>							
	EAST-WEST CRI	TICAL V	OLUMES .			226	
	NORTH-SOUTH C	RITICAL	. VOLUMES			590	
	THE SUM OF CF	RITICAL	VOLUMES	• • • • • • •	• • • • • • •	816	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERV	ALS	2	
						0 474	
	CMA VALUE					V. 7/3	
	LEVEL OF SERV	VICE		• • • • • •	• • • • • • • •	Α	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:15, WEYBURN AVENUE AND GLENDON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH			munolicii	** M7	RI	GHT TURNS	** X ON RED
	LEFT		THROUGH 119	MI	0 170	34.24	0
WESTBOUND	56		153		63		0
EASTBOUND	0		155		14		28
NORTHBOUND	71	0 0					0
SOUTHBOUND	0		U		Ū		-
		**	NUMBER	OF LANE:	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
111 2 110 10 10 10	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	0	0	0	0	0	0	0
		** ASS	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
AFFROACH	ONLY	SHAR	ED O	1TA	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/	A l	I/A	N/A	N/A	175
EASTBOUND	N/A	N/	A l	I/A	N/A	N/A	216
NORTHBOUND	71	N/	A l	N/A	A\n	14	N/A
SOUTHBOUND	N/A	N/	A 1	N/A	N/A	N/A	N/A
BOOTHBOOM	777.						
	EAST-WEST CR	ITICAL V	OLUMES . VOLUMES			272 71	
	THE SUM OF C	RITICAL	VOLUMES			343	
	NUMBER OF CR	ALS	2				
	CMA VALUE					0.194	
	LEVEL OF SER	VICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:16, WEYBURN AVENUE AND TIVERTON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

### \*\* INPUT VOLUMES \*\*

APPROACH				*	* R]	GHT TURNS	**
APPROACH	LEFT		THROUGH	M:	IN ON GRE	een ma	X ON RED
WESTBOUND	0		93		13		0
EASTBOUND	49		83		0		0
NORTHBOUND	21		121		22		0
SOUTHBOUND	31		0		67		0
		**	NUMBER	OF LANE	S **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AL L'IOITOIL	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		_			TPC **		
		** ASSI	GNED LAN	NE VOLUM	ES **		
APPROACH	LEFT	LEFT	r Thro	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED O	MLY	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/1	A 1	A\k	N/A	N/A	106
EASTBOUND	n/a	N/A	A, 1	N/A	N/A	N/A	132
NORTHBOUND	N/A	N/2	_	N/A	N/A	N/A	164
SOUTHBOUND	n/A	N/2	A 1	N/A	N/A	N/A	98
	EAST-WEST CRI	TICAL V	OLUMES .		• • • • • •	155	
	NORTH-SOUTH C	RITICAL	VOLUMES			194	
	THE SUM OF CR	RITICAL	VOLUMES			349	
	NUMBER OF CRI	TTCAL C	LEARANCE	INTERVA	ALS	0*	
	HOLDER OF OUR						
	CMA VALUE					0.349	
	LEVEL OF SERV	/ICE				A	

Capacity assumed = 1000.

INTERSECTION:17, WEYBURN AVENUE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

2 DDDA2 GV				**	R	GHT TURNS	**			
APPROACH	LEFT		THROUGH	MI	N ON GRI	een ma	X ON RED			
WESTBOUND	4		37		34		0			
EASTBOUND	45		13		38		0			
NORTHBOUND	23		544				0			
SOUTHBOUND	13		340		62		0			
5051										
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
Methonon	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	0	0	0	0	1	1			
EASTBOUND	0	0	0	0	0	1	1			
NORTHBOUND	0	0	0	0	0	1	1			
SOUTHBOUND	0	0	0	0	0	1	1			
		** ASS	IGNED LAN	IE VOLUM	ES **					
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R			
Attronom	ONLY	SHAR	ED ON	ILY .	SHARED	ONLY	SHARED			
WESTBOUND	N/A	N/		I/A	N/A	N/A	75			
EASTBOUND	N/A	N/		A/I	N/A	N/A	96 570			
NORTHBOUND	n/A	N/		1/A	N/A	N/A	578			
SOUTHBOUND	n/A	N/	A I	A\V	N/A	N/A	415			
	EAST-WEST CRI	TICAL V	OLUMES .			120				
	NORTH-SOUTH	CRITICAL	. VOLUMES	• • • • • •	• • • • • •	591				
	THE SUM OF C	THE SUM OF CRITICAL VOLUMES								
	NUMBER OF CR	ITICAL (	CLEARANCE	INTERVA	LS	2				
	CMA VALUE					0.404				
	LEVEL OF SER	VICE				A				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:18, KINROSS AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

				**			RIGHT	TURNS	**
APPROACH	LEFT		THROUGH	MI	N C	ON C	SREEN	MAX	ON RED
WESTBOUND	53		0				)		34
EASTBOUND	0		0			(	כ		0
NORTHBOUND	Ö		948			282	2		14
SOUTHBOUND	104		877			(	0		0
SOUTHBOOKE									
		**	NUMBER	OF LANES	3	* *			
* *********	LEFT	LEFT	THROUGH	RIGHT	R	IGH'	r L	/T/R	TOTAL
APPROACH	ONLY	SHARED	ONLY	SHARED	- (	ONL	Y SH	ARED	LANES
TATE OF THE OF THE O	2	0	0	0		1		0	3
WESTBOUND EASTBOUND	0	Ö	Ö	Ō		0		0	0
NORTHBOUND	Ŏ	0	2	0		1		0	3
SOUTHBOUND	1	Ô	2	0		0		0	3
SOUTHDOOND	-	•							
		** ASS	IGNED LAN	IE VOLUM	ES	**			
APPROACH	LEFT	LEF	r THRO	UGH	RI	GHT	RI	GHT	L/T/R
AFFROACII	ONLY	SHAR		ILY	SHA	RED	0	NLY	SHARED
WESTBOUND	29	N/		I/A	N	/A		0	N/A
EASTBOUND	N/A	N/.	A I	I/A		/A		n/A	N/A
NORTHBOUND	' N/A	N/	Α 4	174		I/A		282	N/A
SOUTHBOUND	104	N/	A ·	138	N	A\i		N/A	N/A
50012									
	EAST-WEST CRI	TICAL V	OLUMES .			• • •		29	
	NORTH-SOUTH	CRITICAL	VOLUMES		• • •	• • •	. 57		
	THE SUM OF C	RTTICAL	VOLUMES				. 60		
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	• • •	• •	2	
	CMA VALUE				• •	• • •	0.3	44	
	LEVEL OF SER	VICE			• • •			A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:19, KINROSS AVENUE AND GAYLEY AVENUE
DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**		GHT TURNS	
	LEFT		THROUGH	MI	n on gri	een ma	X ON RED
WESTBOUND	44		82		60		0
EASTBOUND	21		39		57		0
NORTHBOUND	158		859		61		0 0
SOUTHBOUND	38		472		45		U
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	E VOLUMI	ES **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ed on	ILY S	SHARED	ONLY	SHARED
WESTBOUND	44	N/2	A N	I/A	142	N/A	N/A
EASTBOUND	21	N/	A 1	I/A	96	N/A	N/A
NORTHBOUND	158	N/	A. 4	160	460	N/A	N/A
SOUTHBOUND	38	N/.	A 2	258	258	N/A	N/A
	EAST-WEST CRI	TICAL V	OLUMES			163 498	
	THE SUM OF C	RITICAL	VOLUMES			661	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.375	
	LEVEL OF SER	VICE	•••••			A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:20, KINROSS AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**		GHT TURNS					
ALLMONOI	LEFT		THROUGH	M	in on Gri	een Ma	X ON RED				
WESTBOUND	4		60		5 <b>6</b>		0				
EASTBOUND	34		47		59		0				
NORTHBOUND	46		1144		43		0				
SOUTHBOUND	11		387		11		17				
	** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL				
AFFROACH	ONLY	SHARED	ONLY			SHARED	LANES				
WESTBOUND	1	0	0	1	0	0	2				
EASTBOUND	1	0	0	1	0	0	2				
NORTHBOUND	0	1	0	1	0	0	2				
SOUTHBOUND	0	1	1	0	1	0	3				
		** ASS	igned lai	NE VOLUM	ES **						
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT					
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONLY	SHAR	ED O	4LY	SHARED	ONLY	SHARED				
WESTBOUND	4	N/.		N/A	116	N/A	N/A				
EASTBOUND	34	N/	A 1	A\N	106	N/A	N/A				
NORTHBOUND	n/A	59	-	N/A	640	N/A	N/A				
SOUTHBOUND	N/A	17	2	226	N/A	11	N/A				
	EAST-WEST CRI	TICAL V	OLUMES .			150 651					
	NORTH-SOUTH C	RITICAL	VOLUMES			031					
	THE SUM OF CF	RITICAL	VOLUMES			801					
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	ALS	2					
	CMA VALUE			• • • • • •		0.464					
	LEVEL OF SERV	/ICE				A					

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:21, KINROSS AVENUE AND GLENDON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

### \*\* INPUT VOLUMES \*\*

APPROACH			munouau	*:	r In on Gr	IGHT TURN:	5 ** AX ON RED
	LEFT		THROUGH	Pl.	IN ON GR	eem m	0
WESTBOUND	0		0 0		0		47
EASTBOUND	40		0		108		20
NORTHBOUND	113 67		0		8		20
SOUTHBOUND	67		U		Ū		20
		**	NUMBER	OF LANE	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	0	0
EASTBOUND	1	0	0	0	1	0	2
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	1	0	0	0	1	0	2
		** ASSI	GNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEFT	THRO		RIGHT	RIGHT	L/T/R
	ONLY	SHARE	D ON	LY	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/A		r/A	N/A	N/A	N/A
EASTBOUND	40	N/A	L N	A\	N/A	0	N/A
NORTHBOUND	113	N/A		/A	N/A	108	N/A
SOUTHBOUND	67	N/A	. N	I/A	N/A	8	N/A
						40	
	EAST-WEST CRI					40 174 	
	THE SUM OF CR	RITICAL V	OLUMES .		• • • • • • •	214	
	NUMBER OF CRI	TICAL CI	LEARANCE	INTERVA	LS	0*	
	CMA VALUE					0.214	
	LEVEL OF SERV	CE				Α	

Capacity assumed = 1000.

INTERSECTION:22, LINDBROOK DRIVE AND GAYLEY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	. ,	RIGHT TURN	s **
AFFROACH	LEFT		THROUGH	MI			AX ON RED
WESTBOUND	108		0	***	98		0
EASTBOUND	0		0		0		0
NORTHBOUND	<u>-</u>		929	170			0
SOUTHBOUND	96		487		0		0
					. **		
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** AGG1			re **		
		** ASSI	IGNED LAN	E AOTOWE	S **		
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI	ED ON	LY S	HARED	ONLY	SHARED
WESTBOUND	108	N/2	A, N	/A	98	N/A	N/A
EASTBOUND	n/a	N/X	A N	/A	N/A	N/A	N/A
NORTHBOUND	0	N/A	A 5	50	550	N/A	N/A
SOUTHBOUND	96	N/1	A 2	44	244	N/A	N/A
	EAST-WEST CRI	TICAL V	OLUMES			108	
	NORTH-SOUTH C	CRITICAL	VOLUMES			646	
	THE SUM OF CF	RITICAL V	VOLUMES .	• • • • • • • •	• • • • • •	754	
	NUMBER OF CRITICAL CLEARANCE INTERVALS 2						
	CMA VALUE					0.433	
	1 mm 1 00 000	et ce				78	
	LEVEL OF SERV	ILE			• • • • • •	Α	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:23, LINDBROOK DRIVE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**		IGHT TURNS	
	LEFT		THROUGH	MI	n on gr	EEN M	AX ON RED
WESTBOUND	132		160		39		0
EASTBOUND	32		175		79		0
NORTHBOUND	35		1147		213		66
SOUTHBOUND	29		396		20		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
ALLIONOII	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	Ō	1	0	1	0	0	2
NORTHBOUND	0	1	1	0	1	0	3
SOUTHBOUND	0	1	1	1	0	0	3
		** ASS	IGNED LAN	E VOLUME	:s **		
		1.00					
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	N/A	14	8 1	I/A	184	N/A	N/A
EASTBOUND	N/A	14	3 N	I/A	143	N/A	N/A
NORTHBOUND	n/A	57	2 6	510	N/A	213	N/A
SOUTHBOUND	N/A	5	2 1	197	197	N/A	N/A
	EAST-WEST CRI	TTCAL V	OLUMES			275	
	NORTH-SOUTH C					639	
	THE SUM OF CE	RITICAL	VOLUMES .			914	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	Ls	2	
	CMA VALUE					0.539	
	LEVEL OF SERV	/ICE	• • • • • • •			A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:24, LINDBROOK DRIVE AND GLENDON AVENUE/TIVERTON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**		IGHT TURNS				
	LEFT		THROUGH	MI	n on gr	een m	AX ON RED			
WESTBOUND	61		312		175		0			
EASTBOUND	71		394		15		0			
NORTHBOUND	96		564		354		43			
SOUTHBOUND	59		120		6		0			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	1	0	1	0	0	2			
EASTBOUND	0	1	0	1	0	0	2			
NORTHBOUND	1	0	1	0	1	0	3			
SOUTHBOUND	1	0	0	1	0	0	2			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR			HARED	ONLY	SHARED			
WESTBOUND	N/A	24:		I/A	306	N/A	N/A			
EASTBOUND	n/a	18		I/A	291	N/A	N/A			
NORTHBOUND	96	N/		64	N/A	354	N/A			
SOUTHBOUND	59	N/	A 1	I/A	126	N/A	n/A			
	EAST-WEST CRI	TICAL V	OLUMES			377				
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • • •		623 				
	THE SUM OF CF	RITICAL	VOLUMES .			1000				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	Ls	2				
	CMA VALUE		• • • • • • •			0.597				
	LEVEL OF SERV	TICE	• • • • • • •			A				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:25, LINDBROOK DRIVE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

### \*\* INPUT VOLUMES \*\*

A DDDOACH				**	ъ.	IGHT TURNS	; **
APPROACH	LEFT		THROUGH	мт	n on GRI	• •	XX ON RED
WESTBOUND	0	•	92	• • • •	42		0
EASTBOUND	0		0		0		0
NORTHBOUND	0		509		Õ		71
SOUTHBOUND	17		322		Ŏ		0
000111000110	•						
		**	NUMBER	of Lanes	**		
APPROACH	LEFT	LEFT '	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
<b>-</b>	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	1	0	1	0	2
SOUTHBOUND	0	1	0	0	0	0	1
		** ACCT	CMED LAN	E VOLUME	g **		
		ADDI	GIVED THAT	IE VORONIE			
APPROACH	LEFT	LEFT	THRO	UGH	RIGHT	RIGHT	L/T/R
THE ENOROH	ONLY	SHARE			HARED	ONLY	SHARED
WESTBOUND	N/A	N/A	_	I/A	N/A	N/A	134
EASTBOUND	N/A	N/A	. N	I/A	N/A	N/A	n/a
NORTHBOUND	· · · · · · · · · · · · · · · · · · ·	N/A	. 5	609	N/A	0	N/A
SOUTHBOUND	n/A	339	N	I/A	N/A	N/A	N/A
	EAST-WEST CRI	TTCAL VO	LUMES			134	
	NORTH-SOUTH (					525	
	HOREH BOOTH						
	THE SUM OF C	RITICAL V	OLUMES .			659	
	NUMBER OF CRI	TICAL CL	EARANCE	INTERVAL	.s	0*	
	CMA VALUE					0.439	
			•				
	LEVEL OF SERV	/ICE	• • • • • • •			A	

Capacity assumed = 1500.

INTERSECTION:26, WILSHIRE BOULEVARD AND SEPULVEDA BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	· R	IGHT TURNS	**				
ALLMONON	LEFT		THROUGH	M	in on Gr	een ma	X ON RED				
WESTBOUND	142		3651		69		0				
EASTBOUND	63		3673		203		0				
NORTHBOUND	226	286 2					0				
SOUTHBOUND	259		682 23				0				
5001115001115	<del></del>										
		**	NUMBER	OF LANES	3 **						
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL				
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES				
WESTBOUND	2	0	3	1	0	0	6				
EASTBOUND	1	0	3	1	0	0	5				
NORTHBOUND	1	0	1	1	0	0	3				
SOUTHBOUND	1	0	1	1	0	0	3				
** ASSIGNED LANE VOLUMES **											
APPROACH	LEFT	LEF*	r THRO	OUGH	RIGHT	RIGHT	L/T/R				
111 1 1 101 1011	ONLY	SHAR	ED O	1LY	SHARED	ONLY	SHARED				
WESTBOUND	78	N/3	A	930	930	N/A	N/A				
EASTBOUND	63	N/X	A	969	969	N/A	N/A				
NORTHBOUND	226	N/2	A :	269	269	N/A	N/A				
SOUTHBOUND	259	N/.	A (	458	458	N/A	N/A				
	EAST-WEST CRI	TICAL V	OLUMES .			1047					
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • •	• • • • • • •	684					
	THE SUM OF C	RITICAL	VOLUMES	• • • • • • •		1731					
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	5					
	CMA VALUE		• • • • • • •		• • • • • • •	1.189					
	LEVEL OF SER	VICE		• • • • • • • •		F					

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:27, WILSHIRE BOULEVARD AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	5 **
711 1 1 107 1011	LEFT		THROUGH	MI	N ON GR	EEN M	AX ON RED
WESTBOUND	100		2571		42		0
EASTBOUND	360		4171		206		0
NORTHBOUND	106		556		220		28
SOUTHBOUND	288		288		315		198
		**		on	**		
		**	NUMBER	OF LANES	,		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
711 1 11011011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	1	1	0	4
					PC **		
		** ASS	IGNED LAN	E AOTOWE	45 ^^		
APPROACH	LEFT	LEF	THRC	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	55	N/.	<b>Α</b> 6	553	653	N/A	n/a
EASTBOUND	198	N/.	A 10	94	1094	n/A	N/A
NORTHBOUND	106	N/.	-	278	N/A	220	N/A
SOUTHBOUND	288	N/	A 2	201	201	201	N/A
	EAST-WEST CRI					1149	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • •		566	
	THE SUM OF CE	ጋተመተ <i>ሮ</i> አተ	VAT IIME S			1715	
	THE SUM OF C	(III CAL	VOLICIPIES (			1110	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					1.134	
	LEVEL OF SERV	/ICE	• • • • • • •			F	
	LEVEL OF SERV	/ICE				F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:28, WILSHIRE BOULEVARD AND GAYLEY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	. I	RIGHT TURN	5 **			
	LEFT		THROUGH	MI	N ON G	REEN M	AX ON RED			
WESTBOUND	132		2313		59		0			
EASTBOUND	631		3109		136		0			
NORTHBOUND	69		372		0		22			
SOUTHBOUND	96		104		0		325			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	3	1	0	0	5			
EASTBOUND	2	0	3	1	0	0	6			
NORTHBOUND	1	0	2	0	1	0	4			
SOUTHBOUND	1	0	1	0	2	0	4			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEFT	THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHARI	ED ON	LY S	SHARED	ONLY	SHARED			
WESTBOUND	132	N/3	A 5	93	593	N/A	N/A			
EASTBOUND	347	N/A	A 8	11	811	N/A	N/A			
NORTHBOUND	69	N/A	A 1	.86	N/A	0	N/A			
SOUTHBOUND	96	N/A	A 1	.04	N/A	0	N/A			
	EAST-WEST CRI NORTH-SOUTH C					943 282				
	THE SUM OF CF	RITICAL V	OLUMES .	• • • • • • •	• • • • • •	1225				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAI		3				
	CMA VALUE	•••••			• • • • • •	0.790				
	LEVEL OF SERV	TCE		• • • • • • •		С				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:29, WILSHIRE BOULEVARD AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	s **
112 2 11011011	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	168		2261		133		0
EASTBOUND	533		2411		157		0
NORTHBOUND	109		784		140		0
SOUTHBOUND	63		314		0		220
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	1	0	0	4
SOUTHBOUND	1	0	3	0	1	0	5
		** ASS	IGNED LAN	NE VOLUME	s **		
APPROACH	LEFT	LEF	THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	1LY S	HARED	ONLY	SHARED
WESTBOUND	92	N/.	-	598	598	N/A	N/A
EASTBOUND	293	N/.	A (	642	642	N/A	N/A
NORTHBOUND	109	N/.	A 3	308	308	N/A	N/A
SOUTHBOUND	63	N/.	<b>A</b> :	105	N/A	0	N/A
	EAST-WEST CR					891 371	
	THE SUM OF C	RITICAL	VOLUMES			1262	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVAI	s	4	
	CMA VALUE					0.848	
	LEVEL OF SER	VICE	• • • • • • •		• • • • • •	D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:30, WILSHIRE BOULEVARD AND GLENDON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				*	* #	IGHT TURN	s **			
	LEFT		THROUGH	M	IN ON GR	een m	AX ON RED			
WESTBOUND	79		2325		226		0			
EASTBOUND	340		1954		226		0			
NORTHBOUND	20		128		16		0			
SOUTHBOUND	71		50		13		94			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	3	1	0	0	5 6			
EASTBOUND	2	0	3 0	1 0	0 0	0 1	1			
NORTHBOUND	0	0	1	0	2	0	4			
SOUTHBOUND	1	0	1	U	4	U	4			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED			
WESTBOUND	79	N/Z	A 6	38	638	N/A	N/A			
EASTBOUND	187	N/3	A. 5	45	545	N/A	N/A			
NORTHBOUND	n/A	N/2	A N	I/A	N/A	N/A	164			
SOUTHBOUND	71	N/2	A	50	n/a	6	n/a			
	EAST-WEST CRI					825 235				
	THE SUM OF CF	ITICAL '	volumes .			1060				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3				
	CMA VALUE				• • • • • •	0.674				
	LEVEL OF SERV	CE	• • • • • • •		• • • • • • •	В				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 31, WILSHIRE BOULEVARD AND SELBY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	1	IGHT TURNS	_			
	LEFT		THROUGH	M	IN ON GR	een m	AX ON RED			
WESTBOUND	67		3068		77		37			
EASTBOUND	24		1994 79		0 96		0			
NORTHBOUND	87 115		7 <del>9</del> 38		35		12			
SOUTHBOUND	113		36		33		12			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	2	1	0	0	4			
EASTBOUND	1	0	3	0	1	0	5			
NORTHBOUND	0	0	0	0	0	1	1			
SOUTHBOUND	0	1	0	0	1	0	2			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED			
WESTBOUND	67	N/	A 10	148	1048	N/A	N/A			
EASTBOUND	24	N/I	Α, 6	65	N/A	0	N/A			
NORTHBOUND	N/A	N/.	A N	I/A	N/A	N/A	262			
SOUTHBOUND	n/a	15	3 1	I/A	N/A	35	N/A			
	EAST-WEST CRI					1072				
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •	• • • • • •	377				
	THE SUM OF CF	ITICAL	VOLUMES .			1449				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	Ls	2				
	CMA VALUE		• • • • • • •			0.896				
	LEVEL OF SERV	/ICE	• • • • • • •		•••••	D				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:32, WILSHIRE BOULEVARD AND WESTHOLME AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH WESTBOUND	LEFT 38		THROUGH 2621	** MI	R N ON GR 123 0	ight turns Een Ma	3 ** AX ON RED 0 74			
EASTBOUND	47		2320		68		0			
NORTHBOUND	56	100			35		0			
SOUTHBOUND	56		59		U					
		**	NUMBER	OF LANES	**					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
METNOMOTI	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	2	1	0	0	4			
EASTBOUND	1	Ö	3	ō	1	0	5			
NORTHBOUND	0	Ö	ō	Ö	0	1	1			
SOUTHBOUND	0	Ô	Ô	0	0	1	1			
SOUTHBOOKE	· ·	•	_	_						
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R			
ALL I NOTICE.	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED			
WESTBOUND	38	N/.	A 9	915	915	N/A	N/A			
EASTBOUND	47	N/	A 7	173	N/A	0	N/A			
NORTHBOUND	N/A	N/		I/A	N/A	N/A	310			
SOUTHBOUND	n/A	N/		I/A	N/A	N/A	150			
BOOTHBOOKD	41,11	-,,,	-		•					
	EAST-WEST CRI					962				
	NORTH-SOUTH C	RITICAL	VOLUMES		• • • • • •	366				
	THE SUM OF CF	RITICAL	VOLUMES			1328				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3				
	CMA VALUE		• • • • • • •			0.862				
	LEVEL OF SERV	ICE			• • • • • •	D				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:33, WILSHIRE BOULEVARD AND WARNER AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

3.00003.011				**	R	IGHT TURNS	**			
APPROACH	LEFT		THROUGH	MI	N ON GR		X ON RED			
WESTBOUND	16		2678		82		0			
EASTBOUND	92		2369		22		0			
NORTHBOUND	94	66 0					35			
SOUTHBOUND	87		82		70		46			
		**	NUMBER	OF LANES	**					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	2	1	0	0	4			
EASTBOUND	1	0	2	1	0	0	4			
NORTHBOUND	1	0	1	0	1	0	3			
SOUTHBOUND	1	0	1	0	1	0	3			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED			
WESTBOUND	16	N/.	A 9	920	920	N/A	N/A			
EASTBOUND	92	N/.	A 7	797	797	N/A	N/A			
NORTHBOUND	94	N/	A	66	N/A	0	N/A			
SOUTHBOUND	87	N/.	A	82	N/A	70	N/A			
						1012				
	EAST-WEST CRI					176				
	THE SUM OF CF	RITICAL	VOLUMES			1188				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3				
	CMA VALUE				• • • • • •	0.764				
	LEVEL OF SERV	/ICE	• • • • • • •	• • • • • • •		С				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 34, WELLWORTH AVENUE AND WESTWOOD BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS				
	LEFT		THROUGH	MI	n on gr	een ma	AX ON RED			
WESTBOUND	75		69		87		0			
EASTBOUND	32		79		62		0			
NORTHBOUND	66		1250		240		0			
SOUTHBOUND	24		457		11		0			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
<b>+</b>	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	0	0	0	0	1	1			
EASTBOUND	0	0	0	0	0	1	1			
NORTHBOUND	1	0	1	1	0	0	3			
SOUTHBOUND	1	0	1	1	0	0	3			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED			
WESTBOUND	N/A	N/Z	A N	I/A	N/A	N/A	231			
EASTBOUND	N/A	N/3	A N	I/A	N/A	N/A	173			
NORTHBOUND	66	N/2	A 7	745	745	N/A	N/A			
SOUTHBOUND	24	N/	A 2	234	234	N/A	N/A			
	EAST-WEST CRI	TICAL V	OLUMES			263				
	NORTH-SOUTH C					769				
	THE SUM OF CF	RITICAL	VOLUMES .			1032				
	NUMBER OF CR	TICAL C	LEARANCE	INTERVAL	Ls	2				
	CMA VALUE					0.618				
	LEVEL OF SERV	/ICE	• • • • • • •	• • • • • • •		В				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:35, OHIO AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	5 **			
	LEFT		THROUGH	MI	N ON GR	een m	AX ON RED			
WESTBOUND	76		353		42		0			
EASTBOUND	211		336		0		83			
NORTHBOUND	85		1304		30		0			
SOUTHBOUND	25		551		76		0			
		**	NUMBER	OF LANES	**					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	0	1	0	0	2			
EASTBOUND	1	0	1	0	1	0	3			
NORTHBOUND	1	0	1	1	0	0	3			
SOUTHBOUND	1	0	1	1	0	0	3			
		** 766.	CHED IN	IP VOLUME	'Q **					
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF.	r Thro	OUGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED O	ILY S	HARED	ONLY	SHARED			
WESTBOUND	76	N/A		1/A	395	N/A	N/A			
EASTBOUND	211	N/I	_	336	N/A	0	N/A			
NORTHBOUND		N/2		567	667	N/A	N/A			
SOUTHBOUND	25	и/л	A :	314	314	N/A	N/A			
	EAST-WEST CRI	TICAL V	OLUMES .	. <b></b> .		606				
	NORTH-SOUTH (	RITICAL	VOLUMES	• • • • • • •	• • • • •	692				
	THE SUM OF CE	RITICAL	VOLUMES			1298				
	NUMBER OF CR	ישדטאז כי	r expance	TNIPPDIA	æ	2				
	NUMBER OF CRI	LIICHD C.	HEARANCE	TMIEVAWI	٠٠٠٠ تا	۷				
	CMA VALUE				• • • • • •	0.795				
	LEVEL OF SERV	/ICE				С				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:36, SANTA MONICA BOULEVARD AND WESTWOOD BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	В	IGHT TURNS	z **			
APPROACH	LEFT		THROUGH	мт	N ON GR		AX ON RED			
WESTBOUND	150		1697	1.17	209		60			
EASTBOUND	208		2161		0		91			
NORTHBOUND	62		874		53		0			
SOUTHBOUND	120		589		0		85			
DOGTIIDOGRA										
		**	NUMBER	OF LANES	**					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	2	0	3	0	1	0	6			
EASTBOUND	2	0	3	0	1	0	6			
NORTHBOUND	0	1	1	1	0	0	3			
SOUTHBOUND	1	0	2	0	1	0	4			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEFT	r THRO	OUGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHARE	ED OF	ILY S	HARED	ONLY	SHARED			
WESTBOUND	82	N/A	. A	666	N/A	209	N/A			
EASTBOUND	114	N/A	A T	720	N/A	0	N/A			
NORTHBOUND	N/A	249	€ 3	370	370	N/A	N/A			
SOUTHBOUND	120	N/ <i>I</i>	A	294	N/A	0	n/a			
	EAST-WEST CRI	TICAL VO	DLUMES .			802				
	NORTH-SOUTH C	CRITICAL	VOLUMES	• • • • • • •		490				
	THE SUM OF CF	RITICAL V	VOLUMES		• • • • • •	1292				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	.s	4				
	CMA VALUE		• • • • • • •			0.870				
	LEVEL OF SERV	/ICE	• • • • • • •			D				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:1, SUNSET BOULEVARD AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				*1	* F	RIGHT TURNS	3 **			
	LEFT		THROUGH	M	IN ON GE	REEN M	AX ON RED			
WESTBOUND	259		1723		0		0			
EASTBOUND	0		1464		176		0			
NORTHBOUND	320		0 254				130			
SOUTHBOUND	0		0		0		0			
		**	MMDED	OF LANE:	c **					
		^^	NUMBER	OF TWINE	<b>5</b> ""					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	2	0	0	0	3			
EASTBOUND	0	0	1	1	0	0	2			
NORTHBOUND	1	0	0	0	1	0	2			
SOUTHBOUND	0	0	0	0	0	0	0			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
111111111111	ONLY	SHAR		ILY	SHARED	ONLY	SHARED			
WESTBOUND	259	N/.	Α. 8	362	N/A	N/A	N/A			
EASTBOUND	N/A	N/.	Α. 8	320	820	N/A	N/A			
NORTHBOUND	320	N/.	A N	I/A	N/A	254	N/A			
SOUTHBOUND	N/A	N/.	A 1	1/A	N/A	N/A	N/A			
	EAST-WEST CR	ተጥተሮ <b>ል</b> ተ. ፕ/	OLUMES	<b></b>		1079				
	NORTH-SOUTH					320				
	HOMIN BOOTH	01.11142	, , , , , , , , , , , , , , , , , , , ,							
	THE SUM OF C	RITICAL	VOLUMES .		• • • • • • •	1399				
NUMBER OF CRITICAL CLEARANCE INTERVALS 3										
	CHAR LURITUR					0.912				
	CMA VALUE	• • • • • • •				0.712				
	LEVEL OF SER	VICE				E				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:2, SUNSET BOULEVARD AND HILGARD AVENUE/COPA DE ORO ROAD DATE: 10/8/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				*1	* R	IGHT TURNS	; **
THE ENOTION	LEFT		THROUGH	M.	IN ON GR	EEN MA	X ON RED
WESTBOUND	343		1291		22		0
EASTBOUND	20		1153		412		0
NORTHBOUND	315				267		171
SOUTHBOUND	18		62		11		0
4		**	NUMBER	OF LANES	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	0	0	1	1	3
SOUTHBOUND	0	0	0	0	0	1	1
		** 256	GNED LAN	TE VOLIM	FC **		
		··· Maa.	LONED IM	ID VOLIDIA	LID.		
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	343	N/A	-	556	656	N/A	N/A
EASTBOUND	20	N/2	-	782	782	N/A	N/A
NORTHBOUND	218	N/I	A N	I/A	N/A	218	218
SOUTHBOUND	N/A	N/2	A 1	1/A	n/A	n/A	91
	EAST-WEST CRI					1124	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •	• • • • • • •	309	
	THE SUM OF C	RITICAL '	VOLUMES .			1433	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	4*	
	CMA VALUE					0.972	
	LEVEL OF SERV	/ICE				E	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Northbound and Southbound approaches have opposed signal phases.

Palazzo\Update 2002\Shopping Center Project.xls, Worksheet: Total, Row: 5 10/8/2002 12:07:45 PM

INTERSECTION:3, SUNSET BOULEVARD AND BEVERLY GLEN BLVD./BEL AIR ROAD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

## \*\* INPUT VOLUMES \*\*

APPROACH				**	R	IGHT TURNS	
	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	383		1390		53		0
EASTBOUND	25		1690		70		0
NORTHBOUND	229	127 413					191
SOUTHBOUND	61		56 24				0
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFFROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	ī	Ō	1	1	0	0	3
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	0	0	0	0	0	1	1
<b>— — — —</b> — — — — — — — — — — — — — — —							
		** ASS	IGNED LAN	IE VOLUMI	ES **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONLY	SHAR	ED O	ILY :	SHARED	ONLY	SHARED
WESTBOUND	383	N/.	<b>A</b> 7	122	722	N/A	N/A
EASTBOUND	25	N/.	A (	380	880	n/a	N/A
NORTHBOUND	229	N/		L27	N/A	413	N/A
SOUTHBOUND	n/a	N/.	A I	A\i	N/A	N/A	141
	EAST-WEST CRI					1262 554	
	NORTH-BOOTH C	WT I I COII	VOHOLIHO				
	THE SUM OF CF	RITICAL	VOLUMES			1816	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	4*	
	CMA VALUE				• • • • • •	1.251	
	LEVEL OF SERV	/ICE				F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Northbound and Southbound approaches have opposed signal phases.

Palazzo\Update 2002\Shopping Center Project.xls, Worksheet: Total, Row: 112 8/9/2002 3:42:04 PM

INTERSECTION: 4, MONTANA BOULEVARD AND SEPULVEDA BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	5 **			
	LEFT		THROUGH	MI	N ON GR	een m	AX ON RED			
WESTBOUND	63		346		447		0			
EASTBOUND	7		134		42		0			
NORTHBOUND	248		1582		20		116			
SOUTHBOUND	79		341		32		0			
		**	MINADED	OB TANEO	**					
		~ ~	NUMBER	OF LANES	~ ~					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	1	0	1	0	0	2			
EASTBOUND	0	0	0	0	0	1	1			
NORTHBOUND	1	0	2	0	1	0	4			
SOUTHBOUND	1	0	1	1	0	0	3			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	r THRO	OUGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED O	NLY S	HARED	ONLY	SHARED			
WESTBOUND	N/A	40	9 1	1/A	N/A	447	N/A			
EASTBOUND	N/A	N/X	A 1	A/I	N/A	N/A	183			
NORTHBOUND	248	N/I	A 7	791	N/A	20	N/A			
SOUTHBOUND	79	N/X	A. :	186	186	N/A	N/A			
	EAST-WEST CRI	TTCAL V	OTJUMES			454				
	NORTH-SOUTH					870				
	NORTH DOOTH	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10101111							
	THE SUM OF CE	RITICAL '	VOLUMES .			1324				
	NUMBER OF CR	TICAL C	LEARANCE	INTERVAL	s	3				
	CMA VALUE					0.859				
	LEVEL OF SERV	CE	• • • • • • •		• • • • •	D				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:5, MONTANA BOULEVARD/GAYLEY AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	**			
ALLINOACII	LEFT		THROUGH	' M]	IN ON GR	een ma	X ON RED			
WESTBOUND	32		658		261		0			
EASTBOUND	53		269		59		0			
NORTHBOUND	113		395		61		0			
SOUTHBOUND	94		443		85		0			
500111500115	<u> </u>									
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	0	0	0	0	1	1			
EASTBOUND	0	0	0	0	0	1	1			
NORTHBOUND	0	0	0	0	0	1	1			
SOUTHBOUND	0	0	0	0	0	1	1			
					re **					
		** ASS	IGNED LAN	IE VOLUMI	SS **					
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED			
WESTBOUND	N/A	N/X	A I	I/A	N/A	N/A	951			
EASTBOUND	N/A	N/3	A 1	I/A	N/A	N/A	381			
NORTHBOUND	N/A	N/	A N	I/A	N/A	N/A	569			
SOUTHBOUND	N/A	N/.	A 1	I/A	n/a	N/A	622			
	EAST-WEST CRI	TICAL V	OLUMES .			1004				
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •		735				
	THE SUM OF CF	RITICAL	VOLUMES .			1739				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2				
	CMA VALUE					1.089				
	LEVEL OF SERV	/ICE				F				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:6, WYTON DRIVE AND HILGARD AVENUE
DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	F	RIGHT TURNS	5 **
111 111011011	LEFT		THROUGH	MI	N ON GF	REEN M	AX ON RED
WESTBOUND	38		44		16		0
EASTBOUND	73		118		198		103
NORTHBOUND	193		830		77		0
SOUTHBOUND	28		507		46		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	Ö	1	Ö	0	1	0	2
NORTHBOUND	í	0	1	1	0	0	3
SOUTHBOUND	ī	Ō	ī	1	0	0	3
		** ASS	IGNED LAN	E VOLUME	S **		
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	N/A	N/A	A N	I/A	N/A	N/A	98
EASTBOUND	N/A	193	L N	I/A	N/A	198	N/A
NORTHBOUND	193	N/2	A. 4	154	454	N/A	n/a
SOUTHBOUND	28	N/1	A 2	276	276	N/A	N/A
	EAST-WEST CRI	ጥተሮእ፣ ነለ	T.HMES			236	
	NORTH-SOUTH C					482	
	Notice Double						
	THE SUM OF CE	RITICAL '	VOLUMES .			718	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	is	2	
	CMA VALUE					0.409	
	LEVEL OF SERV	/ICE		• • • • • • •		A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:7, LEVERING AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				*:		RIGHT TURNS				
	LEFT		THROUGH	M.	IN ON GE	REEN M	AX ON RED			
WESTBOUND	88		125		56		0			
EASTBOUND	1		31		61		0			
NORTHBOUND			579		57 7		0 0			
SOUTHBOUND	37		463		,		U			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	0	0	0	0	1	1			
EASTBOUND	0	0	0	0	0	1	1			
NORTHBOUND	0	0	0	0	0	1	1			
SOUTHBOUND	0	0	0	0	0	1	1			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEFT	THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHARI	ED ON	LY :	SHARED	ONLY	SHARED			
WESTBOUND	n/a	N/A	A N	/A	N/A	n/a	269			
EASTBOUND	N/A	N/2	A N	/A	N/A	N/A	93			
NORTHBOUND	N/A	N/2	A N	/A	N/A	N/A	794			
SOUTHBOUND	n/a	N/1	A N	/A	N/A	N/A	507			
	EAST-WEST CRI					270 831				
	MONTH BOOTH	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10201122							
	THE SUM OF CF	RITICAL V	OLUMES .	• • • • • • •		1101				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2				
	CMA VALUE	• • • • • • •		• • • • • • • •	• • • • • •	0.664				
	LEVEL OF SERV	TICE		• • • • • • •	• • • • • •	В				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:8, LE CONTE AVENUE AND GAYLEY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	Ŕ	IGHT TURNS	5 **			
AL I NOACH	LEFT		THROUGH	MI	n on gr	een M	AX ON RED			
WESTBOUND	383		249		66		167			
EASTBOUND	24		121		3		0			
NORTHBOUND	53		543		236		0			
SOUTHBOUND	263		1312		30		0			
<del></del>										
		**	NUMBER	OF LANES	**					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
<b>***</b>	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	1	0	1	0	3			
EASTBOUND	1	0	0	1	0	0	2			
NORTHBOUND	1	0	1	1	0	0	3			
SOUTHBOUND	1	0	1	1	0	0	3			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
712 2 1103 1011	ONLY	SHAR	ed on	ILY S	HARED	ONLY	SHARED			
WESTBOUND	383	N/.	A 2	249	N/A	66	N/A			
EASTBOUND	24	N/.	A I	I/A	124	n/A	N/A			
NORTHBOUND	53	N/.	A 3	390	390	N/A	N/A			
SOUTHBOUND	263	N/.	А (	571	671	N/A	N/A			
						507				
	EAST-WEST CRI	TICAL V	VOLUMES			724				
	THE SUM OF CF	RITICAL	VOLUMES	• • • • • • •		1231				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2				
	CMA VALUE	• • • • • •				0.751				
	LEVEL OF SERV	/ICE			• • • • • •	С				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:9, LE CONTE AVENUE AND WESTWOOD PLAZA/WESTWOOD BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

				**	ם	IGHT TURNS	; **			
APPROACH	LEFT		THROUGH	мт	N ON GR		XX ON RED			
WESTBOUND	271		508	***	0		90			
EASTBOUND	78		397		102		0			
NORTHBOUND	192		501		303		136			
SOUTHBOUND	136		840		146		131			
Boothboom										
		**	NUMBER	OF LANES	**					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	1	0	1	0	3			
EASTBOUND	1	0	0	1	0	0	2			
NORTHBOUND	1	0	2	0	1	0	4			
SOUTHBOUND	1	0	2	0	1	0	4			
** ASSIGNED LANE VOLUMES **										
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R			
211 1 1101 1-1	ONLY	SHAR	ED O	ILY :	SHARED	ONLY	SHARED			
WESTBOUND	271	N/.	A !	508	N/A	0	N/A			
EASTBOUND	78	N/	A Ì	1/A	499	N/A	N/A			
NORTHBOUND	192	N/	-	250	N/A	303	N/A			
SOUTHBOUND	136	N/	A ·	420	N/A	146	N/A			
	EAST-WEST CRI	TICAL V	OLUMES .			770				
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • • •		612				
	THE SUM OF CH	RITICAL	VOLUMES			1382				
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2				
	CMA VALUE					0.851				
	LEVEL OF SER	VICE			• • • • • •	D				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:10, LE CONTE AVENUE AND TIVERTON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**		IGHT TURNS			
	LEFT		THROUGH	MI	N ON GR	een ma	AX ON RED		
WESTBOUND	34		472		41		0		
EASTBOUND	108		619		106		0		
NORTHBOUND	44		62		65		0		
SOUTHBOUND	82		66		138		70		
		**	NUMBER	OF LANES	**				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	1	1	0	0	3		
EASTBOUND	ī	Ö	1	1	0	0	3		
NORTHBOUND	Ō	0	0	0	Ō	1	1		
SOUTHBOUND	0	1	0	0	1	0	2		
50011120011									
** Assigned Lane Volumes **									
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R		
711 1 1.07 1011	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED		
WESTBOUND	34	N/	A 2	256	256	N/A	N/A		
EASTBOUND	108	N/	a S	362	362	n/a	N/A		
NORTHBOUND	N/A	N/	A N	I/A	N/A	N/A	171		
SOUTHBOUND	n/A	14	8 1	I/A	N/A	138	N/A		
	EAST-WEST CRI					396 253			
	THE SUM OF CH	RITICAL	VOLUMES			649			
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2			
	CMA VALUE		• • • • • • • •	• • • • • • •		0.368			
	LEVEL OF SER	VICE			• • • • • •	A			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:11, LE CONTE AVENUE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

### \*\* INPUT VOLUMES \*\*

APPROACH				**	Ŕ	IGHT TURNS	s **			
AFFROAGI	LEFT		THROUGH	MI	N ON GR	een ma	XX ON RED			
WESTBOUND	8		97		33		0			
EASTBOUND	454		131		0		176			
NORTHBOUND	48		739		25		0			
SOUTHBOUND	20		565		126		292			
		**	NUMBER	OF LANES	**					
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	0	1	0	0	2			
EASTBOUND	1	1	0	0	1	0	3			
NORTHBOUND	0	0	0	0	0	1	1			
SOUTHBOUND	0	1	1	0	1	0	3			
** ASSIGNED LANE VOLUMES **										
		AUU	IGNED IZE	O VOLUIA						
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
111 1 1 (01 101	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED			
WESTBOUND	8	N/.	A N	I/A	130	N/A	N/A			
EASTBOUND	292	29	2 I	I/A	N/A	0	n/A			
NORTHBOUND	N/A	N/	A 1	1/A	N/A	N/A	812			
SOUTHBOUND	N/A	26	4 3	320	N/A	126	N/A			
	EAST-WEST CRI					422				
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • •		832				
	THE SUM OF CH	RITICAL	VOLUMES			1254				
				**********		3*				
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	ш <b>э</b> .	<b>3</b>				
	CMA VALUE					0.810				
	LEVEL OF SER	VICE	• • • • • • •			D				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Eastbound and Westbound approaches have opposed signal phases.

INTERSECTION:12, WEYBURN AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				* *	► R	IGHT TURNS	3 **
711 1 1107 1017	LEFT		THROUGH	M:	IN ON GR	een m	AX ON RED
WESTBOUND	824		0		176		0
EASTBOUND	0		0		0		0
NORTHBOUND	0		759		0		393
SOUTHBOUND	141		345		0		0
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	0	0	1	2
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3
		** ASS	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF.	T THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	500	N/I		I/A	N/A	N/A	500
EASTBOUND	N/A	N/		I/A	N/A	N/A	N/A
NORTHBOUND	n/A	N/.		880	N/A	.0	N/A
SOUTHBOUND	141	N/.	A 1	172	N/A	N/A	N/A
	EAST-WEST CRI					500 521	
	THE SUM OF C	RITICAL	VOLUMES .			1021	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.611	
	LEVEL OF SERV	CE				В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:13, WEYBURN AVENUE AND GAYLEY AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				*	_	IGHT TURNS	
	LEFT		THROUGH	M	IN ON GF	een M	AX ON RED
WESTBOUND	117		242		106		0
EASTBOUND	205		252		77		0
NORTHBOUND	113		737		199		0
SOUTHBOUND	106		918		576		0
		**	NUMBER	OF LANE	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0 -	3
		** ASS	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF.	r Thro	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	N/A	19	5 1	I/A	270	N/A	N/A
EASTBOUND	205	N/I	A. I	A\I	329	N/A	N/A
NORTHBOUND	113	N/I	A 4	168	468	N/A	N/A
SOUTHBOUND	106	n/	Α	747	747	N/A	N/A
	EAST-WEST CRI					475	
	NORTH-SOUTH C	RITICAL	VOLUMES		• • • • • • •	860 	
	THE SUM OF CR	ITICAL	VOLUMES		• • • • • • •	1335	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	Ls	2	
	CMA VALUE		• • • • • • • • •			0.820	
	LEVEL OF SERV	ICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:14, WEYBURN AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

* 55555				**	r R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	мт	N ON GR		X ON RED
***PARDOUND	81		264	• • •	75		0
WESTBOUND EASTBOUND	102		308		163		0
<b>—</b>	162		917		78		0
NORTHBOUND SOUTHBOUND	30		1061		40		51
SOUTHBOOMD	30		2002		-		
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
711 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	0	1	1	0	1	0	3
500111200112							
		** ASS	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF"	r THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED O	1LY	SHARED	ONLY	SHARED
WESTBOUND	n/A	N/2	-	A/N	N/A	N/A	420
EASTBOUND	N/A	25		A/N	322	N/A	N/A
NORTHBOUND	162	N/.	Α	498	498	N/A	N/A
SOUTHBOUND	n/a	48	6	605	N/A	40	N/A
	EAST-WEST CRI	mrcar M	AT IIMES			522	
	NORTH-SOUTH C	RITICAL V	VOLUMES			767	
	THE SUM OF CF	RITICAL	VOLUMES			1289	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.789	
	LEVEL OF SER	VICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:15, WEYBURN AVENUE AND GLENDON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	· R	IGHT TURNS	**
AFFROACH	LEFT		THROUGH	MI	N ON GRI	EEN MA	X ON RED
WESTBOUND	148		307		0		0
EASTBOUND	0		227		120		0
NORTHBOUND	114		0		32		74
SOUTHBOUND	0		0		0		0
		**	NUMBER	OF LANES	; **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
711 2 1102 1021	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	0	0	0	0	0	0	0
		** ASS	IGNED LAN	E VOLUMI	ES **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/	A N	I/A	N/A	N/A	455
EASTBOUND	N/A	N/.		I/A	N/A	N/A	347
NORTHBOUND	114	N/.		I/A	N/A	32	N/A
SOUTHBOUND	N/A	N/	A A	I/A	N/A	N/A	N/A
	EAST-WEST CRI	TICAL V	OLUMES .			495 114	
	NORTH BOOTH						
	THE SUM OF C	RITICAL	VOLUMES			609	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.345	
	LEVEL OF SER	VICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:16, WEYBURN AVENUE AND TIVERTON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

## \*\* INPUT VOLUMES \*\*

APPROACH				**	· R	IGHT TURNS	
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LEFT		THROUGH	M	IN ON GR	een ma	X ON RED
WESTBOUND	0		130		29		0
EASTBOUND	61		108		0		0
NORTHBOUND	50		159		21		0
SOUTHBOUND	48		0		79		0
		**	NUMBER	OF LANE:	s **		
						4 4	
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED		SHARED	LANES
WESTBOUND	. 0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	IGNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEF	=		RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	N/A	N/	. –	I/A	N/A	N/A	159
EASTBOUND	N/A	N/.		I/A	N/A	N/A	169
NORTHBOUND	N/A	N/.		I/A	N/A	N/A	230
SOUTHBOUND	n/A	N/	A I	1/A	n/a	N/A	127
	EAST-WEST CRI	mrcat N	AT IMPS			220	
	NORTH-SOUTH C					278	
	THE SUM OF CP	TTICAL	VOLUMES			498	
	THE BOIL OF O.						
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	0*	
	CMA VALUE					0.498	
	LEVEL OF SERV	/ICE				A	

Capacity assumed = 1000.

INTERSECTION:17, WEYBURN AVENUE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	s **
ALLIONO	LEFT		THROUGH	MI	N ON GR	EEN MA	X ON RED
WESTBOUND	14		89		25		0
EASTBOUND	118		90		114		0
NORTHBOUND	29		521		8		0
SOUTHBOUND	18		682		105		0
		**	MMBED	OF LANES	**		
		• •	NUMBER	OF TWWES			
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
<del></del>	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
					'C **		
		** ASS	IGNED LAN	IE AOTOWE	.a ^^		
APPROACH	LEFT	LEF.	T THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	N/A	N/2	A N	I/A	n/a	N/A	128
EASTBOUND	N/A	N/	A N	I/A	N/A	N/A	322
NORTHBOUND	n/A	N/.	A N	I/A	N/A	N/A	558
SOUTHBOUND	n/A	N/.	A I	I/A	N/A	N/A	805
	EAST-WEST CRI	ΤΤΟΔΙ. V	OLUMES	<b></b>		336	
	NORTH-SOUTH					834	
	MOMENT DOORS						
	THE SUM OF C	RITICAL	VOLUMES			1170	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVAL	LS	2	
	CMA VALUE					0.710	
						<b>a</b>	
	LEVEL OF SER	VICE	• • • • • • •	• • • • • • •	• • • • • •	С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:18, KINROSS AVENUE AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	GHT TURNS	**
	LEFT		THROUGH	MI	n on gri	een ma	X ON RED
WESTBOUND	311		0		129		29
EASTBOUND	0		0		0		0
NORTHBOUND	0		1280		23		86
SOUTHBOUND	44		1397		0		0
					**		
		**	NUMBER	OF LANES	~ ~		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	0	0	1	0	3
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3
		** 266	IGNED LAN	e votime	·c **		
		** A55.	renen man	IE AOTOWE	.S " "		
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI			HARED	ONLY	SHARED
WESTBOUND	171	N/2		I/A	N/A	129	N/A
EASTBOUND	N/A	N/2	- :	I/A	N/A	N/A	N/A
NORTHBOUND	n/a	N/2		540	N/A	23	N/A
SOUTHBOUND	44	N/2	۹. (	598	N/A	N/A	N/A
	EAST-WEST CRI					171	
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • • •	• • • • •	698	
	THE SUM OF C	RITICAL '	VOLUMES .			869	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVAL	.s	2	
	CMA VALUE		• • • • • • •			0.509	
	LEVEL OF SERV	/ICE			•••••	A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:19, KINROSS AVENUE AND GAYLEY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**		IGHT TURN	
	LEFT		THROUGH	MI	N ON GF	REEN MA	AX ON RED
WESTBOUND	132		85		204		0
EASTBOUND	66		143		107		0
NORTHBOUND	131		798		63		0
SOUTHBOUND	68		924		159		0
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	E VOLUME	ES **		
APPROACH	LEFT	LEF"	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ed on	ILY S	HARED	ONLY	SHARED
WESTBOUND	132	N/X	A N	I/A	289	N/A	n/a
EASTBOUND	66	N/2	A, N	I/A	250	N/A	N/A
NORTHBOUND	131	N/:	A 4	30	430	N/A	N/A
SOUTHBOUND	68	N/2	A 5	42	542	N/A	n/a
						200	
	EAST-WEST CRI					382 673	
	THE SUM OF CF	RITICAL	VOLUMES .			1055	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.633	
	LEVEL OF SERV	TICE			• • • • • •	В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:20, KINROSS AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R:	GHT TURNS	
AL E KONOII	LEFT		THROUGH	MI	n on gri	een ma	X ON RED
WESTBOUND	22		98		66		0
EASTBOUND	79		142		94		0
NORTHBOUND	109		1012		71		0
SOUTHBOUND	40		1119		66		47
			<b></b>		. **		
		**	NUMBER	OF LANES	, ~ ~		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	0	1	0	1	0	0	2
SOUTHBOUND	0	1	1	0	1	0	3
		** 252	IGNED LAN	us area indi	re **		
		** ASS	TONED THE	IE AOTOM	70		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
112 2 1101 101	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	22	N/	A N	I/A	164	N/A	n/A
EASTBOUND	79	N/.	A N	I/A	236	N/A	N/A
NORTHBOUND	N/A	32	8 1	I/A	864	N/A	N/A
SOUTHBOUND	N/A	49	1 (	668	N/A	66	N/A
	EAST-WEST CR	TICAL V	OLUMES			258	
	NORTH-SOUTH	CRITICAL	VOLUMES	• • • • • •		904	
	THE SUM OF C	**********	TOT TIMES			1162	
	THE SUM OF C	KITICAL	AOTOMES			114-	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.705	
	LEVEL OF SER	T CE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:21, KINROSS AVENUE AND GLENDON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				*+	11/2	GHT TURNS	3 **
	LEFT		THROUGH	M]	IN ON GRE	een ma	AX ON RED
WESTBOUND	0		0		0		0
EASTBOUND	120		0		86		169
NORTHBOUND	169		0		22		178
SOUTHBOUND	178		0		29		120
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
2 4 2	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	0	0
EASTBOUND	1	0	0	0	1	0	2
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	1	0	0	0	1	0	2
		** ASS	GNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI	ED ON	LY :	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/3	A N	I/A	N/A	N/A	N/A
EASTBOUND	120	N/A	A N	I/A	N/A	86	N/A
NORTHBOUND	169	N/A	A N	I/A	N/A	22	N/A
SOUTHBOUND	178	N/2	A N	I/A	N/A	29	N/A
	EAST-WEST CRI					120 200	
	THE SUM OF CF	RITICAL '	volumes .		• • • • • •	320	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	0*	
	CMA VALUE			•••••		0.320	
	LEVEL OF SERV	/ICE			• • • • • •	A	

Capacity assumed = 1000.

INTERSECTION:22, LINDBROOK DRIVE AND GAYLEY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

				**			**
APPROACH						IGHT TURNS	X ON RED
	LEFT		THROUGH	MI	N ON GRI 265	een ma	O N KED
WESTBOUND	224		0		265 0		0
EASTBOUND	0		0		254		Ö
NORTHBOUND	0		848		234 0		0
SOUTHBOUND	120		1056		U		Ü
		**	NUMBER	OF LANES	; **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFFROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	i	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	NE VOLUMI	ES **		
APPROACH	LEFT	LEF"	r THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED O	NLY :	SHARED	ONLY	SHARED
WESTBOUND	224	N/	A 1	A/r	265	N/A	N/A
EASTBOUND	n/A	N/.	A J	A/N	N/A	N/A	N/A
NORTHBOUND	0	N/.		551	551	N/A	N/A
SOUTHBOUND	120	N/	<b>A</b> :	528	528	N/A	N/A
	EAST-WEST CRI	TTTCAT. V	OLUMES .			265	
	NORTH-SOUTH	CRITICAL	VOLUMES			671	
	THE SUM OF C	RITICAL	VOLUMES			936	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.554	
	LEVEL OF SER	VICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:23, LINDBROOK DRIVE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH	LEFT		THROUGH	* * MT	R N ON GR	IGHT TURNS	x on red
WESTBOUND	218		264		128		0
	39		141		104		0
EASTBOUND NORTHBOUND	100		1205		171		109
SOUTHBOUND	33		1155		78		0
SOUTHBOOMD	33		2200				
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFFROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	Ö	1	0	1	0	0	2
NORTHBOUND	Ō	1	1	0	1	0	3
SOUTHBOUND	0	1	1	1	0	0	3
BOOTHBOOKS	•						
		** ASS	IGNED LAN	NE VOLUM	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
ALLMONON	ONLY	SHAR	ED O	NLY	SHARED	ONLY	SHARED
WESTBOUND	N/A	28	0 1	N/A	330	N/A	N/A
EASTBOUND	N/A	12	3 1	A\n	160	A/K	N/A
NORTHBOUND	N/A	40	2 9	902	N/A	171	n/A
SOUTHBOUND	N/A	31	2	477	477	N/A	n/A
DOUTHDOOMS	<b>2.7</b>						
						270	
	EAST-WEST CR	ITICAL V	OLUMES .			378 935	
	NORTH-SOUTH	CIVITION					
	THE SUM OF C	RITICAL	VOLUMES			1313	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.805	
	LEVEL OF SER	VICE			• • • • • •	D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 24, LINDBROOK DRIVE AND GLENDON AVENUE/TIVERTON AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	3 **			
	LEFT		THROUGH	MI	n on gr	een m	AX ON RED			
WESTBOUND	356		678		150		0			
EASTBOUND	109		392		61		0			
NORTHBOUND	57		372		26		237			
SOUTHBOUND	121		182		92		0			
	** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	1	0	1	0	0	2			
EASTBOUND	0	1	0	1	0	0	2			
NORTHBOUND	1	0	1	0	1	0	3			
SOUTHBOUND	1	0	0	1	0	0	2			
		** ASS	IGNED LAN	E VOLUME	ES **					
APPROACH	LEFT	LEF"	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED			
WESTBOUND	N/A	36	7 N	I/A	817	N/A	N/A			
EASTBOUND	N/A	11		I/A	452	N/A	N/A			
NORTHBOUND	57	N/3	-	372	N/A	26	N/A			
SOUTHBOUND	121	N/	A N	I/A	274	n/A	N/A			
	EAST-WEST CRI	TICAL V	OLUMES			926				
	NORTH-SOUTH O					493				
	THE SUM OF C	RITICAL	VOLUMES .			1419				
	NUMBER OF CR	TICAL C	LEARANCE	INTERVAL	LS	2				
	CMA VALUE					0.876				
	LEVEL OF SERV	/ICE				D				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:25, LINDBROOK DRIVE AND HILGARD AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				*:	* R	IGHT TURNS	x **		
	LEFT		THROUGH 112	M.	IN ON GR	een m	O RED		
WESTBOUND	0		112		0		0		
EASTBOUND	0		538		0		154		
NORTHBOUND	0		754		0		124		
SOUTHBOUND	49		134		U		v		
** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED		SHARED	LANES		
WESTBOUND	0	0	0	0	0	1	1		
EASTBOUND	0	0	0	0	0	0	0		
NORTHBOUND	0	0	1	0	1	0	2		
SOUTHBOUND	0	1	0	0	0	0	1		
		** ASS	IGNED LAN	E VOLUM	ES **				
APPROACH	LEFT	LEF.	r THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED		
WESTBOUND	N/A	N/2	A N	I/A	N/A	N/A	157		
EASTBOUND	N/A	N/2	A. N	I/A	N/A	N/A	N/A		
NORTHBOUND	N/A	N/3	A. 5	38	N/A	0	N/A		
SOUTHBOUND	N/A	80	3 )	I/A	n/a	N/A	N/A		
	EAST-WEST CRI					157 802			
	MOKIN-BOOTH C	MIII	VOLUME						
	THE SUM OF CF	RITICAL '	VOLUMES .	• • • • • •		95 <del>9</del>			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	0*			
	CMA VALUE				• • • • • •	0.639			
	LEVEL OF SERV	/ICE				В			

Capacity assumed = 1500.

INTERSECTION:26, WILSHIRE BOULEVARD AND SEPULVEDA BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				*:	* R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	M.	IN ON GR	een ma	X ON RED
WESTBOUND	376		3722		298		0
EASTBOUND	255		3214		266		0
NORTHBOUND	181		792		253		
SOUTHBOUND	90		328				0
		**		c **			
		**	NUMBER	OF LANE	<b>5</b> ""		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
PH I NOTION	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	1	0	3	1	0	0	5
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
					TPC **		
		** ASS	IGNED LAI	AF AOTOM	E9 ""		
APPROACH	LEFT	LEF	r THR	OUGH	RIGHT	RIGHT	L/T/R
711 1 1102 1011	ONLY	SHAR	ED O	NLY	SHARED	ONLY	SHARED
WESTBOUND	207	N/	A 1	005	1005	N/A	N/A
EASTBOUND	255	N/	A :	870	870	N/A	N/A
NORTHBOUND	181	N/	A	522	522	N/A	N/A
SOUTHBOUND	90	N/.	A	205	205	N/A	N/A
20021120011							
	EAST-WEST CRI	TTCAT. V	OLUMES .			1260	
	NORTH-SOUTH C	RITTICAL	VOLUMES			612	
	MOKIN-300III C	,,,, <u>,</u> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10201122	• • • • • • • • • • • • • • • • • • • •			
	THE SUM OF CF	RITICAL	VOLUMES			1872	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERV	ALS	5	
						1.291	
	CMA VALUE						
	LEVEL OF SERV	ЛСЕ	• • • • • • • •	• • • • • •		F	
		/ICE					

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:27, WILSHIRE BOULEVARD AND VETERAN AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				*	* R	IGHT TURNS	s **
711 1 1101 1011	LEFT		THROUGH	M.	IN ON GR	een ma	AX ON RED
WESTBOUND	88		3135		75		0
EASTBOUND	376		3297		162		0
NORTHBOUND	297		721		80		72
SOUTHBOUND	76		355		885		207
		**	NUMBER	OF LANE	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	1	1	0	4
		** ASS	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF	r THRO		RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	48	N/	Α 8	302	802	N/A	N/A
EASTBOUND	207	N/		365	865	N/A	N/A
NORTHBOUND	297	N/.		360	N/A	80	N/A
SOUTHBOUND	76	N/.	A 3	355	N/A	442	N/A
	EAST-WEST CR					1009	
	NORTH-SOUTH	CRITICAL	VOLUMES	• • • • • • •	• • • • • •	739 	
	THE SUM OF C	RITICAL	VOLUMES .			1748	
	NUMBER OF CR	LS	3				
	CMA VALUE				• • • • • • •	1.157	
	LEVEL OF SER	VICE				F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:28, WILSHIRE BOULEVARD AND GAYLEY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	39		2207		125		0
EASTBOUND	534		2765		116		0
NORTHBOUND	96		396		17		78
SOUTHBOUND	122		287		312		588
DOGTHDOGHD							
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	3	1	0	0	5
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	0	2	0	4
		** ASS	IGNED LAN	NE VOLUME	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
AFFROACH	ONLY	SHAR		NLY S	HARED	ONLY	SHARED
WESTBOUND	39	N/	A !	583	583	N/A	N/A
EASTBOUND	294	N/	A '	720	720	N/A	N/A
NORTHBOUND	96	N/	A :	198	N/A	17	N/A
SOUTHBOUND	122	N/	A :	287	N/A	156	N/A
	EAST-WEST CRI	TICAL V	OLUMES . VOLUMES			877 383	
	THE SUM OF C	RITICAL	VOLUMES			1260	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.814	
	LEVEL OF SER	VICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:29, WILSHIRE BOULEVARD AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	s **
AFFROACH	LEFT		THROUGH	MI	N ON GR	EEN MA	AX ON RED
WESTBOUND	193		1911		158		0
EASTBOUND	460		2506		214		0
NORTHBOUND	168	938			293	0	
SOUTHBOUND	154		870		163		253
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	1	0	0	4
SOUTHBOUND	1	0	3	0	1	0	5
		** ASS	IGNED LAN	IE VOLUME	ß **		
APPROACH	LEFT	LEF	THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	106	N/.	A 5	517	517	N/A	N/A
EASTBOUND	253	N/.	A (	580	680	N/A	N/A
NORTHBOUND	168	N/.		110	410	N/A	N/A
SOUTHBOUND	154	N/.	A 2	290	N/A	163	N/A
	EAST-WEST CRI	TICAL V	OLUMES .			786	
	NORTH-SOUTH C					564	
	THE SUM OF C	RITICAL	VOLUMES			1350	
	NUMBER OF CRI	4					
	CMA VALUE					0.912	
	LEVEL OF SERV	VICE				E	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:30, WILSHIRE BOULEVARD AND GLENDON AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	3 **
	LEFT		THROUGH	MI	n on gr	een M/	AX ON RED
WESTBOUND	132		2003		243		0
EASTBOUND	296		2679		69		0
NORTHBOUND	98		101		57		0
SOUTHBOUND	216		165		201		128
		**	MMDED	OF LANES	* **		
			NORDEK	OF THIRD			
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
TILL NOTION	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	3	1	0	0	5
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	1	0	1	0	2	0	4
		** ASS	IGNED LAN	E VOLUME	ES **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	132	N/2	A 5	62	562	N/A	N/A
EASTBOUND	163	N/	A 6	587	687	N/A	N/A
NORTHBOUND	N/A	N/	A A	I/A	N/A	N/A	256
SOUTHBOUND	216	N/.	a I	65	N/A	100	n/A
	EAST-WEST CR	ITICAL V	OLUMES .	. <b></b> .		819	
	NORTH-SOUTH	CRITICAL	VOLUMES			472	
	THE SUM OF C	ዕተጥተሮል፣.	VOLUMES .			1291	
	THE SOM OF C	MITTO III	VOLUTION .				
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.836	
	LEVEL OF SER	VICE	• • • • • • •			D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:31, WILSHIRE BOULEVARD AND SELBY AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	P	IGHT TURNS	3 **
ALLIOACII	LEFT		THROUGH	мт	N ON GR		AX ON RED
WESTBOUND	57		2449		68		0
EASTBOUND	29		2663		0		75
NORTHBOUND			57		102		0
SOUTHBOUND			48		0		16
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	0	3	0	1	0	5
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	1	0	0	1	0	2
					· **		
		** ASS:	IGNED LA	NE VOLUME	is **		
APPROACH	LEFT	LEF	r Thro	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED OI	NLY S	HARED	ONLY	SHARED
WESTBOUND	57	N/2	A	339	839	N/A	N/A
EASTBOUND	29	N/2	<b>P.</b> (	388	N/A	0	N/A
NORTHBOUND	N/A	N/2	A, J	A/I	N/A	N/A	212
SOUTHBOUND	n/a	189	9 )	I/A	N/A	0	N/A
	EAST-WEST CR	TICAL V	OLUMES .	. <i></i>	• • • • •	945	
	NORTH-SOUTH	CRITICAL	VOLUMES			353	
	THE SUM OF C	ጋተጥተ <b>ሮ</b> ል፣. ነ	VOLUMES			1298	
	THE SON OF C	VI I I CALL	*OHOI1HD			1250	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVAL	.s	2	
	CMA VALUE					0.795	
	LEVEL OF SERV	VICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 32, WILSHIRE BOULEVARD AND WESTHOLME AVENUE

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**		IGHT TURNS	
	LEFT		THROUGH	MI	N ON GR	EEN MA	AX ON RED
WESTBOUND	54		2537		71		0
EASTBOUND	63		2768		17		22 0
NORTHBOUND	43		79		76		0
SOUTHBOUND	121		166		30		U
		**	NUMBER	OF LANES	; **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	Ŏ	3	0	1	0	5
NORTHBOUND	0	Ö	Ō	Ó	0	1	1
SOUTHBOUND	ŏ	Ö	0	0	0	1	1
DOGINDOGNE	•						
		** ASS	IGNED LA	NE VOLUMI	ES **		
APPROACH	LEFT	LEF	r THR	OUGH	RIGHT	RIGHT	L/T/R
111111011011	ONLY	SHAR	ED O	NLY S	SHARED	ONLY	SHARED
WESTBOUND	54	N/3	A.	869	869	N/A	N/A
EASTBOUND	63	N/	A.	923	N/A	17	N/A
NORTHBOUND	N/A	N/	A.	N/A	n/a	N/A	198
SOUTHBOUND	N/A	N/	A	N/A	N/A	A\N	317
	EAST-WEST CRI	-MTCST 17	OT IMPC			977	
	NORTH-SOUTH C					360	
	NORTH-SOUTH C	YIIIYOND	VODO: MD	••••			
	THE SUM OF CF	RITICAL	VOLUMES			1337	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.868	
	LEVEL OF SERV	VICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:33, WILSHIRE BOULEVARD AND WARNER AVENUE DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				*:	* R:	GHT TURNS	**				
AFFROACII	LEFT		THROUGH	M.	IN ON GR	een ma	X ON RED				
WESTBOUND	35		2306		46		0				
EASTBOUND	80		2649		40	0					
NORTHBOUND	62		109		4		18				
SOUTHBOUND	71		70		0		45				
000111200112											
	** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL				
111 1 1 (01 1011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES				
WESTBOUND	1	0	2	1	0	0	4				
EASTBOUND	1	0	2	1	0	0	4				
NORTHBOUND	1	0	1	0	1	0	3				
SOUTHBOUND	1	0	1	0	1	0	3				
5001115001115	_										
		** ASS	IGNED LAM	NE VOLUM	es **						
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R				
111 1 11011011	ONLY	SHAR	ED O	1LY	SHARED	ONLY	SHARED				
WESTBOUND	35	N/	A. '	784	784	N/A	N/A				
EASTBOUND	80	N/	A I	896	896	N/A	N/A				
NORTHBOUND	62	N/	A :	109	N/A	4	N/A				
SOUTHBOUND	71	N/	A	70	N/A	0	N/A				
	EAST-WEST CRI	TICAL V	OLUMES .			931					
	NORTH-SOUTH C	RITICAL	VOLUMES			180					
	THE SUM OF CF	RITICAL	VOLUMES			1111					
	NUMBER OF CRI	TICAL C	LEARANCE	INTERV	ALS	3					
	mes 115 7 1177					0.710					
	CMA VALUE										
	LEVEL OF SERV	/ICE	• • • • • • • •		• • • • • • •	С					

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:34, WELLWORTH AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	**
ALLIONO	LEFT		THROUGH	MI	N ON GR	een Ma	X ON RED
WESTBOUND	302		152		61		0
EASTBOUND	21		67		73		0
NORTHBOUND	53		1255		82		0
SOUTHBOUND	67		1294		67		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** 766	IGNED LAN	E VOTIME	7C **		
		** ASS.	TONED THAN	E VOLUME	25		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED
WESTBOUND	n/a	N/	A A	I/A	N/A	N/A	515
EASTBOUND	N/A	N/	•	I/A	N/A	N/A	161
NORTHBOUND	53	N/.	A 6	668	668	N/A	N/A
SOUTHBOUND	67	N/.	A 6	580	680	N/A	N/A
	EAST-WEST CR	ITICAL V	OLUMES			536	
	NORTH-SOUTH	CRITICAL	VOLUMES		• • • • • •	735	
	THE SUM OF C	<b>ይ</b> ተሞተ <b>ሮአ</b> ተ.	VOLUMES			1271	
	THE SOM OF C.	I/T I T CO ED	1020.220		• • • • • • • • • • • • • • • • • • • •		
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.777	
	LEVEL OF SER	VICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:35, OHIO AVENUE AND WESTWOOD BOULEVARD DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	· R	IGHT TURNS	3 **
ALLINOZIOII	LEFT		THROUGH	MI	N ON GR	een m/	AX ON RED
WESTBOUND	76		293		48		0
EASTBOUND	176		387		19		
NORTHBOUND	107		1159		54		0
SOUTHBOUND	56		1411		241		0
		**	MIMBER	OF LANES	; **		
			NOTIDEN	·			
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
ALLMONON	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	0	1	0	1	0	3
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
					7C **		
		** ASS	IGNED LAN	IE VOLUME	SS **		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
ALLIOAGII	ONLY	SHAR	-		SHARED	ONLY	SHARED
WESTBOUND	76	N/.		I/A	341	n/a	N/A
EASTBOUND	176	N/		387	N/A	19	N/A
NORTHBOUND	107	N/.	A 6	506	606	N/A	N/A
SOUTHBOUND	56	N/	A 8	326	826	N/A	N/A
<del></del>							
	EAST-WEST CRI	mrcat 1/	OT TIMES			517	
	NORTH-SOUTH C					933	
	NORIN-SOUTH C	YIIIONI	VOLUME				
	THE SUM OF CE	RITICAL	VOLUMES .			1450	
						2	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	מו	2	
	CMA VALUE					0.897	
	LEVEL OF SERV	/ICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:36, SANTA MONICA BOULEVARD AND WESTWOOD BOULEVARD

DATE: 8/9/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITHOUT PROJECT

APPROACH				**	R	IGHT TURNS	**
ALLIONOII	LEFT		THROUGH	MI	N ON GR	een Ma	X ON RED
WESTBOUND	170		1868		391		54
EASTBOUND	213		2399		49		67
NORTHBOUND	126		1074		88		0
SOUTHBOUND	109		1112		33		136
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	0	1	0	6
EASTBOUND	2	0	3	0	1	0	6
NORTHBOUND	0	1	1	1	0	0	3
SOUTHBOUND	1	0	2	0	1	0	4
		** <u>}</u>	IGNED LAN	TE TOTTIME	re **		
		T ASS	IGNED TWO	E VOLUME			
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
112 2 2 (01 101)	ONLY	SHAR	ED ON	NLY S	HARED	ONLY	SHARED
WESTBOUND	94	N/	A (	523	N/A	391	N/A
EASTBOUND	117	N/.	A (	300	N/A	49	N/A
NORTHBOUND	126	N/.	A	581	581	N/A	N/A
SOUTHBOUND	109	n/	A !	556	N/A	33	N/A
	EAST-WEST CRI	mront N	OT INCE			894	
	NORTH-SOUTH C					690	
	NURTH-SOUTH C	'KTTT CUT	VOLOMES				
	THE SUM OF CF	RITICAL	VOLUMES			1584	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	4	
	CMA VALUE	· • • • • • • •				1.082	
	LEVEL OF SERV	/ICE		• • • • • • •		F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:1, SUNSET BOULEVARD AND VETERAN AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	R	IGHT TURNS	3 **
	LEFT		THROUGH	MI	N ON GR	EEN MA	AX ON RED
WESTBOUND	317		1102		0		0
EASTBOUND	0		2125		378		0
NORTHBOUND	65		0		66		158
SOUTHBOUND	0		0		0		0
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	0	0	0	3
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	0	0	0	0	0	0	0
		** 766		*** ****	79 **		
		** ASS	IGNED LAN	E AOTOWI	15		
APPROACH	LEFT	LEF			RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	317	N/.		551	N/A	N/A	N/A
EASTBOUND	N/A	N/.		252	1252	N/A	N/A
NORTHBOUND	65	N/.		I/A	N/A	66	N/A
SOUTHBOUND	N/A	N/.	A M	I/A	A/N	N/A	N/A
	EAST-WEST CR					1569	
	NORTH-SOUTH	CRITICAL	VOLUMES	• • • • • • •		66	
	THE SUM OF C	RITICAL	VOLUMES .			1635	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					1.077	
	LEVEL OF SER	VICE	• • • • • • •		• • • • • • •	F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:2, SUNSET BOULEVARD AND HILGARD AVENUE/COPA DE ORO ROAD

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				*	*	RIGHT	TURNS	**
	LEFT		THROUGH	М	IN ON	GREEN	MAX	ON RED
WESTBOUND	544		1182		2	7		0
EASTBOUND	27		1247		32	8		0
NORTHBOUND	198		29		1	0		119
SOUTHBOUND	53		105		1	7		0
		**	NUMBER	OF LANE	ES **			
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGH	T L	T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONL	Y SHA	ARED	LANES
WESTBOUND	1	0	1	1	0	(	)	3
EASTBOUND	1	0	1	1	0	(	)	3
NORTHBOUND	1	0	0	0	1	1		3
SOUTHBOUND	0	0	0	0	0	]	L	1
		** ASS	igned lai	NE VOLUM	1ES **			
APPROACH	LEFT	LEFT	r Thre	OUGH	RIGHT	RIC	SHT	L/T/R
	ONLY	SHARE	ED O	NLY	SHARED	O	<b>VLY</b>	SHARED
WESTBOUND	544	N/A	<b>A</b> (	604	604	ì	N/A	N/A
EASTBOUND	27	N/A	Α. '	788	788	1	A/N	N/A
NORTHBOUND	114	114	<b>4</b> 1	N/A	N/A		0	N/A
SOUTHBOUND	N/A	N/3	<b>A</b> . 1	N/A	N/A	1	A/N	175
	EAST-WEST CF				• • • • • • • •	. 1332	_	
	NORTH-SOUTH	CRITICAL	VOLUMES			. 289	9	
	THE SUM OF C	RITICAL V	VOLUMES			. 162	1	

Northbound and Southbound approaches have opposed signal phases.

NUMBER OF CRITICAL CLEARANCE INTERVALS ....

LEVEL OF SERVICE .....

CMA VALUE ..... 1.109

Palazzo\August '02\Supermarket Project.xls, Worksheet: Total, Row: 147 8/12/2002 9:53:25 AM

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:3, SUNSET BOULEVARD AND BEVERLY GLEN BLVD./BEL AIR ROAD

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				*:	* F	IGHT TURN	s **
	LEFT	T	HROUGH	M:	IN ON GF	EEN M	AX ON RED
WESTBOUND	664		1767		59		0
EASTBOUND	21		1168		95		0
NORTHBOUND	55		46		0		332
SOUTHBOUND	108		81		26		0
		**	NUMBER	OF LANE	s **		
APPROACH	LEFT	LEFT T	HROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	0	0	0	0	0	1	1
		** ASSIG	NED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEFT	THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARED	ON	ILY	SHARED	ONLY	SHARED
WESTBOUND	664	N/A	9	13	913	N/A	N/A
EASTBOUND	21	N/A	$\epsilon$	32	632	N/A	N/A
NORTHBOUND	55	N/A		46	N/A	0	N/A
SOUTHBOUND	N/A	N/A	N	I/A	N/A	N/A	215
	EAST-WEST CE	RITICAL VOL	UMES			1296	
	NORTH-SOUTH	<b></b>			• • • • • • •	270	
	THE SUM OF C	RITICAL VO	LUMES .			1566	
	NUMBER OF CF	RITICAL CLE	EARANCE	INTERVA	LS	4*	

Northbound and Southbound approaches have opposed signal phases.

Palazzo\August '02\Supermarket Project.xls, Worksheet: Total, Row: 148 8/12/2002 9:53:25 AM

CMA VALUE ..... 1.069

LEVEL OF SERVICE .....

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 4, MONTANA BOULEVARD AND SEPULVEDA BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH	# Y** \$*****		munoucu	**	n on gr	IGHT TURNS	** AX ON RED		
······	LEFT		THROUGH 123	M	IN ON GA 104	CEEN PL	o n keb		
WESTBOUND	74 12		381		84		0		
EASTBOUND	102		333		50 <b>4</b>		37		
NORTHBOUND	102 470		983		90		0		
POLITECOND	470		903		30		Ū		
** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	0	1	0	1	0	0	2		
EASTBOUND	0	0	0	0	0	1	1		
NORTHBOUND	1	0	2	0	1	0	4		
SOUTHBOUND	1	0	1	1	0	0	3		
		** ASS	IGNED LAN	E VOLUM	ES **				
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED		
WESTBOUND	N/A	10	1 N	Γ/A	200	N/A	N/A		
EASTBOUND	N/A	N/A	A N	I/A	N/A	N/A	477		
NORTHBOUND	102	N/2	A 1	.66	N/A	504	N/A		
SOUTHBOUND	470	N/	A. 5	36	536	N/A	N/A		
	EAST-WEST CRI					551			
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • •	• • • • • • •	974			
	THE SUM OF C	RITICAL	VOLUMES .			1525			
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3			
	CMA VALUE					1.000			
	LEVEL OF SERV	/ICE			• • • • • • •	E			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 5, MONTANA BOULEVARD/GAYLEY AVENUE AND VETERAN AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH	T 12 1200		THROUGH	*1	* R IN ON GR	IGHT TURNS	**				
WEGMBOINE	LEFT 13		112	M.	1N ON GR	EEN PI	0				
WESTBOUND	118		786		49		Ö				
EASTBOUND NORTHBOUND	96		341		34		Ö				
SOUTHBOUND	134		429		37		ŏ				
SOUTHBOOMS	134		423		٠,		· ·				
	** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL				
	ONLY	SHARED	ONLY	SHARED		SHARED	LANES				
WESTBOUND	0	0	0	0	0	1	1				
EASTBOUND	0	0	0	0	0	1	1				
NORTHBOUND	0	0	0	0	0	1	1				
SOUTHBOUND	0	0	0	0	0	1	1				
		** ASS	IGNED LAN	E VOLUM	ES **						
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R				
	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED				
WESTBOUND	N/A	N/.	A N	I/A	N/A	N/A	167				
EASTBOUND	N/A	N/.	A N	I/A	N/A	N/A	953				
NORTHBOUND	n/A	N/.	A N	I/A	N/A	N/A	471				
SOUTHBOUND	n/A	N/.	a N	I/A	n/A	N/A	600				
	EAST-WEST CRI	TICAL V	OLUMES			966					
	NORTH-SOUTH C					696					
	THE SUM OF CF	RITICAL	VOLUMES .			1662					
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2					
	CMA VALUE					1.038					
	LEVEL OF SERV	/ICE			• • • • • •	F					

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 6, WYTON DRIVE AND HILGARD AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH	र क्रास्त		THROUGH	* *	R EN ON GR	IGHT TURNS	** AX ON RED
WECKBOINID	LEFT 26		11ROUGH 120	1-11	IN ON GR	gen m	0
WESTBOUND EASTBOUND	18		34		5		116
NORTHBOUND	233		296		20		0
SOUTHBOUND	50 50		668		478		0
SOUTHBOOMD	30		000		110		ŭ
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH			L/T/R	TOTAL
	ONLY	SHARED	ONLY		ONLY		LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	1	0	0	1	0	2
NORTHBOUND	1	0	1	1	0	0	3 3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	IE VOLUMI	ES **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	LY :	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/I	A N	I/A	N/A	N/A	196
EASTBOUND	n/a	5:	2 1	I/A	N/A	5	N/A
NORTHBOUND	233	N/2	A 1	.58	158	N/A	N/A
SOUTHBOUND	50	N/.	A. 5	573	573	N/A	N/A
	EAST-WEST CRI	TICAL V	OLUMES			214	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •		806 	
	THE SUM OF CF	RITICAL	VOLUMES .			1020	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.610	
	LEVEL OF SERV	CE	• • • • • • • •		• • • • • • •	В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:7, LEVERING AVENUE AND VETERAN AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH	LEFT		THROUGH	** MT	R N ON GR	IGHT TURNS	s ** AX ON RED
MECEBOUND	LETT 0		THROUGH 1	I-IT	N ON GR	E:EM PA	0
WESTBOUND	48		1		316		0
EASTBOUND	59		452		5		0
NORTHBOUND SOUTHBOUND	0		435		41		0
SOUTHBOOMD	· ·		400		7.1		•
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	igned lan	IE VOLUME	s **		
APPROACH	LEFT	LEF	r THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	n/A	N/2	A I	I/A	N/A	N/A	2
EASTBOUND	n/a	N/	A 1	I/A	N/A	N/A	365
NORTHBOUND	N/A	N/3	A 1	I/A	N/A	N/A	516
SOUTHBOUND	n/A	N/	A I	I/A	N/A	N/A	476
	EAST-WEST CR	TICAL V	OLUMES .			365	
	NORTH-SOUTH (					535	
	THE SUM OF C	RITICAL	VOLUMES		*****	900	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVAL	.s	2	
	CMA VALUE					0.530	
	LEVEL OF SER	VICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:8, LE CONTE AVENUE AND GAYLEY AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	· F	IGHT TURN:	s **
112 2 1141 141	LEFT		THROUGH	MI	N ON GE	EEN M	AX ON RED
WESTBOUND	223		62		221		62
EASTBOUND	63		71		16		0
NORTHBOUND	12		947		190		0
SOUTHBOUND	123		314		7		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	0	1	0	3
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	igned Lan	E VOLUME	ES **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
* + - 1 - 1 - 1 - 1	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED
WESTBOUND	223	N/I	A	62	N/A	221	N/A
EASTBOUND	63	N/X	A N	I/A	87	N/A	N/A
NORTHBOUND	12	N/2	A 5	668	568	N/A	N/A
SOUTHBOUND	123	N/	A 1	L <b>6</b> 0	160	N/A	N/A
	EAST-WEST CR					310 691	
	MONTH OCCIN						
	THE SUM OF C	RITICAL	VOLUMES .			1001	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE				• • • • • •	0.597	
	LEVEL OF SER	VICE	• • • • • • • •	• • • • • • •		A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:9, LE CONTE AVENUE AND WESTWOOD PLAZA/WESTWOOD BOULEVARD

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				* 1	k 12	IGHT TURNS	3 **
AFFROACH	LEFT		THROUGH	M	IN ON GR		AX ON RED
WESTBOUND	152		360	***	90		31
EASTBOUND	132		315		54		0
NORTHBOUND	130		869		221		76
SOUTHBOUND	62		246				80
		**	NUMBER	OF LANES	S **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	0	1	0	3
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	2	0	1	0	4
		** ASS	IGNED LAN	NE VOLUM	ES **		
APPROACH	LEFT	LEF	THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	152	N/		360	N/A	90	N/A
EASTBOUND	132	N/		1/A	369	N/A	N/A
NORTHBOUND	130	N/.	A. 4	134	N/A	221	N/A
SOUTHBOUND	62	N/	<b>A</b> . I	L23	N/A	24	N/A
	EAST-WEST CR		- "			521	
	NORTH-SOUTH	CRITICAL	VOLUMES	• • • • • •	• • • • • •	496	
	THE SUM OF C	RITICAL	VOLUMES .		• • • • • • •	1017	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.608	
	LEVEL OF SERV	VICE				В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:10, LE CONTE AVENUE AND TIVERTON AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

				**		STOUR MUDN	c **
APPROACH	LEFT		THROUGH		N ON G	RIGHT TURN	AX ON RED
WESTBOUND	23		469	1.41	71	KEER PI	0
EASTBOUND	158		338		44		Ö
NORTHBOUND	22		108		26		Ö
SOUTHBOUND	49		40		200		79
500111500115	•••		-				
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	1	0	0	1	0	2
		** 766.	IGNED LAN	IF VOLUME	ec **		
		Aug.	IGNED IPI	ID ACDOLIE	30		
APPROACH	LEFT	LEF"	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	23	N/A	A 2	270	270	N/A	n/A
EASTBOUND	158	N/Z	A 1	191	191	N/A	N/A
NORTHBOUND	N/A	N/2	A, N	I/A	N/A	N/A	156
SOUTHBOUND	N/A	8	9 N	I/A	N/A	200	n/a
	EAST-WEST CRI					428	
	NORTH-SOUTH C	CRITICAL	VOLUMES		• • • • • •	222	
	THE SUM OF CE	RITICAL '	VOLUMES .			650	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.368	
	LEVEL OF SERV	/TCE				A	
	TEAET OF SEW	٠٠٠ شب				••	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:11, LE CONTE AVENUE AND HILGARD AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

### \*\* INPUT VOLUMES \*\*

APPROACH	* D.M.		munoucu	*:	* R IN ON GR	IGHT TURN	S ** AX ON RED		
	LEFT		THROUGH 142	M.	IN ON GR	EEN M	AA ON RED		
WESTBOUND	31 302		142 49		0		53		
EASTBOUND			606		35		0		
NORTHBOUND	43 13		347		222		176		
SOUTHBOUND	13		347		444		110		
** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	0	1	0	0	2		
EASTBOUND	1	1	0	0	1	0	3		
NORTHBOUND	0	0	0	0	0	1	1		
SOUTHBOUND	0	1	1	0	1	0	3		
		** ASS	igned Lan	E VOLUM	ES **				
APPROACH	LEFT	LEF.	r THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED		
WESTBOUND	31	N/Z	A N	I/A	150	N/A	N/A		
EASTBOUND	176	17	6 N	I/A	N/A	0	n/A		
NORTHBOUND	N/A	N/2	A N	I/A	N/A	N/A	684		
SOUTHBOUND	N/A	16	6 1	94	N/A	222	N/A		
	EAST-WEST CRI NORTH-SOUTH C					326 697 			
	THE SUM OF CF	RITICAL	VOLUMES .			1023			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3*			
	CMA VALUE					0.648			
	LEVEL OF SERV	CE	• • • • • • • •		• • • • • •	В			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Eastbound and Westbound approaches have opposed signal phases.

INTERSECTION:12, WEYBURN AVENUE AND VETERAN AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	1/2	GHT TURNS	=		
	LEFT		THROUGH	MI	N ON GRI	een ma	AX ON RED		
WESTBOUND	319		0		74 0		0 0		
EASTBOUND	0		0		413		196		
NORTHBOUND	0		297 759		413 0		196		
SOUTHBOUND	172		159		U		v		
** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	0	0	0	1	2		
EASTBOUND	0	0	0	0	0	0	0		
NORTHBOUND	0	0	2	0	1	0	3		
SOUTHBOUND	1	0	2	0	0	0	3		
		** ASS	IGNED LAN	E VOLUME	IS **				
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED		
WESTBOUND	196	N/.	A N	I/A	N/A	N/A	196		
EASTBOUND	N/A	N/.	A N	I/A	N/A	n/A	N/A		
NORTHBOUND	N/A	N/.	A 1	48	N/A	413	N/A		
SOUTHBOUND	172	N/.	A 3	880	N/A	N/A	N/A		
	EAST-WEST CRI					196 585			
	THE SUM OF C	RITICAL	VOLUMES .			781			
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2			
	CMA VALUE		• • • • • • • •			0.451			
	LEVEL OF SERV	/ICE			• • • • • •	A			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:13, WEYBURN AVENUE AND GAYLEY AVENUE
DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH	1 D.D.		mupoucu	*	* R IN ON GR	IGHT TURNS	** AX ON RED				
·····	LEFT 44		THROUGH 107	M.	IN ON GR	een m	0 0N KED				
WESTBOUND	= =		266		67		0				
EASTBOUND	411		781		158		0				
NORTHBOUND	81		·				0				
SOUTHBOUND	36		380 218				Ũ				
	** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL				
	ONLY	SHARED	ONLY	SHARED		SHARED	LANES				
WESTBOUND	0	1	0	1	0	0	2				
EASTBOUND	0	1	0	1	0	0	2				
NORTHBOUND	1	0	1	1	0	0	3				
SOUTHBOUND	1	0	1	1	0	0	3				
** ASSIGNED LANE VOLUMES **											
APPROACH	LEFT	LEF"	r THRO	UGH	RIGHT	RIGHT	L/T/R				
	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED				
WESTBOUND	N/A	83	1 N	I/A	110	N/A	N/A				
EASTBOUND	411	N/2	A. N	I/A	333	N/A	N/A				
NORTHBOUND	81	N/2	A. 4	170	470	N/A	N/A				
SOUTHBOUND	36	N/3	A. 2	99	299	N/A	N/A				
	EAST-WEST CRI					521 506					
	THE SUM OF CF	RITICAL	VOLUMES .			1027					
	NUMBER OF CRI	LS	2								
	CMA VALUE				• • • • • •	0.615					
	LEVEL OF SERV	/ICE	• • • • • • •			В					

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:14, WEYBURN AVENUE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	R	IGHT TURN:	5 **
711 1 1 107 1017	LEFT		THROUGH	MI	N ON GR	een M	AX ON RED
WESTBOUND	65		106		41		0
EASTBOUND	69		147		46		0
NORTHBOUND	68		1114		34		0
SOUTHBOUND	18		368		4		34
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	0	1	1	0	1	0	3
		** ASS	IGNED LAN	E VOLUME	IS **		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	n/a	N/.		I/A	N/A	N/A	212
EASTBOUND	N/A	13	1 N	I/A	131	N/A	N/A
NORTHBOUND	68	N/	A 5	74	574	N/A	N/A
SOUTHBOUND	n/A	15	0 2	236	N/A	4	N/A
	EAST-WEST CRI	TICAL V	OLUMES			281	
	NORTH-SOUTH C					592 	
	THE SUM OF CF	RITICAL	VOLUMES .			873	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE				• • • • • •	0.512	
	LEVEL OF SERV	/ICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 15, WEYBURN AVENUE AND GLENDON AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	R	IGHT TURNS	s **			
	LEFT		THROUGH	MI	N ON GR	een mi	AX ON RED			
WESTBOUND	92		163		0		0			
EASTBOUND	0		153		95		0			
NORTHBOUND	90		0		19		46			
SOUTHBOUND	0		0		0		0			
	** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
2 - 2 - 3 - 3 - 3 - 3	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	0	0	0	0	1	1			
EASTBOUND	0	0	0	0	0	1	1			
NORTHBOUND	1	0	0	0	1	0	2			
SOUTHBOUND	0	0	0	0	0	0	0			
		** ASS	IGNED LAN	IE VOLUMI	ES **					
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED			
WESTBOUND	n/A	N/3	A N	I/A	N/A	N/A	255			
EASTBOUND	N/A	N/2	A N	I/A	N/A	N/A	248			
NORTHBOUND	90	N/2	A, N	I/A	N/A	19	N/A			
SOUTHBOUND	n/A	N/	A A	I/A	N/A	N/A	N/A			
	EAST-WEST CRI					340 90				
	THE SUM OF C	RITICAL	VOLUMES .			430				
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	ւց	2				
	CMA VALUE					0.244				
	LEVEL OF SERV	VICE				A				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:16, WEYBURN AVENUE AND TIVERTON AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

### \*\* INPUT VOLUMES \*\*

APPROACH	LEFT	ı	THROUGH	* M	IN ON GR	IGHT TURNS EEN MA	X ON RED				
WESTBOUND	0		129		13		0				
EASTBOUND	49		106		0		0				
NORTHBOUND	65		124		38		0				
SOUTHBOUND	31		0 67				0				
	** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL				
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES				
WESTBOUND	0	0	0	0	0	1	1				
EASTBOUND	0	0	0	0	0	1	1				
NORTHBOUND	0	0	0	0	0	1	1				
SOUTHBOUND	0	0	0	0	0	1	1				
	,	** ASSI	GNED LAN	E VOLUM	ES **						
APPROACH	LEFT	LEFT	THRO	UGH	RIGHT	RIGHT	L/T/R				
	ONLY	SHARE	D ON	LY	SHARED	ONLY	SHARED				
WESTBOUND	n/a	N/A	. N	/A	N/A	N/A	142				
EASTBOUND	N/A	n/a	. N	/A	N/A	N/A	155				
NORTHBOUND	N/A	n/A	. N	/A	N/A	N/A	227				
SOUTHBOUND	N/A	N/A	. N	/A	n/a	N/A	98				
	EAST-WEST CRIT		<b></b>			191 258					
	THE SUM OF CR	ITICAL V	OLUMES .	• • • • • • •	• • • • • •	449					
	NUMBER OF CRI	TICAL CL	EARANCE	INTERVA	LS	0*					
	CMA VALUE				• • • • • •	0.449					
	LEVEL OF SERV	ICE			• • • • • •	A					

Capacity assumed = 1000.

INTERSECTION:17, WEYBURN AVENUE AND HILGARD AVENUE
DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH			munouau	**	V.	GHT TURNS			
TIP OPPOSITION	LEFT		THROUGH 41	MI	N ON GRI 34	SEN MA	X ON RED		
WESTBOUND	4 61		17		47		0		
EASTBOUND	23		5 <b>44</b>		11		0		
NORTHBOUND SOUTHBOUND	23 13		341		80		0		
SOUTABOUND	13		341		00		v		
** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	0	0	0	0	0	1	1		
EASTBOUND	0	0	0	0	0	1	1		
NORTHBOUND	0	0	0	0	0	1	1		
SOUTHBOUND	0	0	0	0	0	1	1		
		** ASS	IGNED LAN	E VOLUME	s **				
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED		
WESTBOUND	N/A	N/2	A N	I/A	N/A	N/A	79		
EASTBOUND	N/A	N/I	A N	I/A	N/A	N/A	125		
NORTHBOUND	N/A	N/Z	A N	i/A	N/A	N/A	578		
SOUTHBOUND	N/A	N/2	A, N	I/A	n/A	N/A	434		
						140			
	EAST-WEST CRI					140 591			
	THE SUM OF CF	RITICAL '	VOLUMES .			731			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	is	2			
	CMA VALUE					0.417			
	LEVEL OF SERV	CE				Α			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:18, KINROSS AVENUE AND VETERAN AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH	LEFT		MIDOUGU	**	R: N ON GRI	GHT TURNS	**
WESTBOUND	57		THROUGH 0	MI	N ON GR	sen m	34
EASTBOUND	0		0		0		34 0
NORTHBOUND	-		951		287		16
SOUTHBOUND			878		207		10
SOUTHBOOMD	104		070		U		U
		**	NUMBER	of lanes	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	0	0	1	0	3
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3
		** ASS	igned lan	E VOLUME	s **		
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI	ED ON	LY S	HARED	ONLY	SHARED
WESTBOUND	31	N/A	A. N	/A	N/A	0	N/A
EASTBOUND	N/A	N/A	A N	/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/2	A 4	76	N/A	287	N/A
SOUTHBOUND	104	N/A	A 4	39	n/a	N/A	N/A
	EAST-WEST CRI					31 580	
	THE SUM OF CF	RITICAL	VOLUMES .	• • • • • • •	- • • • •	611	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	s	2	
	CMA VALUE	• • • • • •				0.346	
	LEVEL OF SERV	/ICE			• • • • • •	A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:19, KINROSS AVENUE AND GAYLEY AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				*:	r In on gr	IGHT TURNS	** AX ON RED
MECHDOUND	LEFT 46		THROUGH 86	M.	IN ON GR	een m	O RED
WESTBOUND EASTBOUND	21		46		57		ő
	158		860		64		ŏ
NORTHBOUND SOUTHBOUND	38		480		45		0
SOUTHBOOMD	36		400		10		Ū
		**	NUMBER	OF LANE	S **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1.	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF.	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED
WESTBOUND	46	N/1	A N	I/A	146	n/A	N/A
EASTBOUND	21	N/A	A, N	I/A	103	N/A	N/A
NORTHBOUND	158	N/2	A. 4	162	462	N/A	N/A
SOUTHBOUND	38	N/2	A 2	262	262	N/A	N/A
	EAST-WEST CRI					167 500	
	THE SUM OF CF	RITICAL '	VOLUMES .			667	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE		• • • • • • •			0.378	
	LEVEL OF SERV	/ICE	• • • • • • •		• • • • • •	A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:20, KINROSS AVENUE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				*		IGHT TURN	
	LEFT		THROUGH	M	IN ON GR 56	een m	AX ON RED 0
WESTBOUND	13		66 57		59		0
EASTBOUND	34		57				0
NORTHBOUND	46		1144		51 11		17
SOUTHBOUND	11		423		11		17
		**	NUMBER	OF LANE	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED		SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	0	1	0	1	0	0	2 3
SOUTHBOUND	0	1	1	0	1	0	3
		** ASS	IGNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEF.	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED
WESTBOUND	13	N/2	A N	I/A	122	N/A	N/A
EASTBOUND	34	N/2	A N	I/A	116	N/A	N/A
NORTHBOUND	n/A	59	4 N	I/A	648	N/A	N/A
SOUTHBOUND	N/A	19	0 2	244	N/A	11	N/A
	EAST-WEST CRI	. — —				156 659	
	THE SUM OF CF	RITICAL	VOLUMES .			815	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE		• • • • • • •			0.473	
	LEVEL OF SERV	/ICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:21, KINROSS AVENUE AND GLENDON AVENUE

DATE: 12/30/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

### \*\* INPUT VOLUMES \*\*

APPROACH WESTBOUND EASTBOUND NORTHBOUND SOUTHBOUND	LEFT 0 70 113 97		THROUGH 0 0 0 0	M	IIN ON GR 0 0 146 17	IGHT TURNS EEN MA	3 ** AX ON RED 0 47 35 35
,		**	NUMBER	OF. TWNF	ES **		
APPROACH WESTBOUND EASTBOUND	LEFT ONLY 0 1	LEFT SHARED 0 0	THROUGH ONLY 0 0	SHAREI 0 0	ONLY 0	SHARED 0 0	LANES 0 2
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	1	0	0	0	1	0	2
		** ASS	IGNED LAN	IE VOLUI	MES **		
APPROACH	LEFT ONLY	LEF SHAR		UGH LY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
WESTBOUND	N/A	N/3		I/A	N/A	N/A	N/A
EASTBOUND	70	N/		1/A	N/A	0	N/A
NORTHBOUND	113			1/A	N/A	146	N/A
SOUTHBOUND	97	N/	A 1	1/A	N/A	17	N/A
	EAST-WEST CRI					70 242	
	THE SUM OF CR	ITICAL	VOLUMES			312	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERV	ALS	0*	
	CMA VALUE				• • • • • • •	0.312	
	LEVEL OF SERV	/ICE	• • • • • • •			<b>.</b> A	

Capacity assumed = 1000.

INTERSECTION:22, LINDBROOK DRIVE AND GAYLEY AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**		IGHT TURNS	
	LEFT		THROUGH	MI	n on Gri 98	een ma	AX ON RED
WESTBOUND	110		0				
EASTBOUND	0		0		0		0 0
NORTHBOUND	0		933		174 0		0
SOUTHBOUND	98		495		U		U
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	igned lan	E VOLUME	s **		
APPROACH	LEFT	LEF'	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	110	N/Z	A N	I/A	98	N/A	N/A
EASTBOUND	N/A	N/2	A. N	I/A	N/A	N/A	N/A
NORTHBOUND	0	N/I	A. 5	554	554	N/A	N/A
SOUTHBOUND	98	N/3	A 2	248	248	N/A	A\N
	EAST-WEST CRI	TICAL V	OLUMES			110	
	NORTH-SOUTH (	CRITICAL	VOLUMES	• • • • • • • •		652 	
	THE SUM OF C				• • • • •	762	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	.s	2	
	CMA VALUE				• • • • • •	0.438	
	LEVEL OF SERV	/ICE		• • • • • • • •	• • • • • •	A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 23, LINDBROOK DRIVE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH			##PANGH	**	I.	IGHT TURNS				
	LEFT		THROUGH	M	IN ON GR 39	EEN MA	AX ON RED 0			
WESTBOUND	134		160 181		39 79		0			
EASTBOUND	32 35		1155		231		67			
NORTHBOUND SOUTHBOUND	30 30		438		231		0			
SOUTHBOOMD	30		430		2.2		v			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	1	0	1	0	0	2			
EASTBOUND	0	1	0	1	0	0	2			
NORTHBOUND	0	1	1	0	1	0	3			
SOUTHBOUND	0	1	1	1	0	0	3			
		** ASS:	igned Lan	E VOLUMI	ES **					
APPROACH	LEFT	LEF.	r THRO	UGH	RIGHT	RIGHT	L/T/R			
•	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED			
WESTBOUND	N/A	140	6 N	I/A	186	N/A	N/A			
EASTBOUND	N/A	14	6 N	I/A	146	N/A	N/A			
NORTHBOUND	N/A	573	2 €	518	N/A	231	N/A			
SOUTHBOUND	N/A	6:	3 2	213	213	N/A	N/A			
	EAST-WEST CRI	mrcat v	OT FIMES			280				
	NORTH-SOUTH C					648				
	THE SUM OF CF	RITICAL '	VOLUMES .			928				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2				
	CMA VALUE	• • • • • •	• • • • • • •			0.549				
	LEVEL OF SERV	TCE		• • • • • •		A				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 24, LINDBROOK DRIVE AND GLENDON AVENUE/TIVERTON AVENUE

DATE: 12/30/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH	LEFT		THROUGH		** R	ight turns een ma	; ** X ON RED				
WESTBOUND	67		312		187		0				
EASTBOUND	101		394		15		0				
NORTHBOUND	96		604		353		44				
SOUTHBOUND	65		140		10		0				
	** NUMBER OF LANES **										
APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGH SHARE	D ONLY	SHARED	LANES				
WESTBOUND	0	1	0	1	0	0	2				
EASTBOUND	0	1	0	-	• 0	0	2				
NORTHBOUND	1	0	1	0	1	0	3				
SOUTHBOUND	1 .	0	0	1	0	0	2				
•	*	** ASS	GNED LAM	ie Aorn	MES **						
APPROACH	LEFT	LEF.	r THRO	OUGH	RIGHT	RIGHT	L/T/R				
	ONLY	SHARI	ED Ó	1LY	SHARED	ONLY	SHARED				
WESTBOUND	N/A	248	3 1	I/A	318	N/A	N/A				
EASTBOUND	N/A	180		N/A	330	N/A	N/A				
NORTHBOUND	96	N/2		504	N/A	353	N/A				
SOUTHBOUND	65	N/I	A I	N/A	150	N/A	N/A				
	EAST-WEST CRI'NORTH-SOUTH C					419 669					
	THE SUM OF CR	ITICAL	VOLUMES			1088					
	NUMBER OF CRI	TICAL C	LEARANCE	INTERV	ALS	2					
	CMA VALUE					0.655					
	LEVEL OF SERV	ICE				В					

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

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INTERSECTION:25, LINDBROOK DRIVE AND HILGARD AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH	LEFT		THROUGH	*: M'	* R IN ON GR	IGHT TURNS	**		
WESTBOUND	0 LEF1		99	Μ.	1N ON GR 42	een m	AX ON RED		
EASTBOUND	0		0		0		Ö		
NORTHBOUND	0		509		0		74		
SOUTHBOUND	20		329		0		0		
SOUTHBOOM	20		323		v		v		
** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED		SHARED	LANES		
WESTBOUND	0	0	0	0	0	1	1		
EASTBOUND	0	0	0	0	0	0	0		
NORTHBOUND	0	0	1	0	1	0	2		
SOUTHBOUND	0	1	0	0	0	0	1		
		** ASS	IGNED LAN	E VOLUM	ES **				
APPROACH	LEFT	LEF.	r THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHARI	ED ON	ILY :	SHARED	ONLY	SHARED		
WESTBOUND	N/A	N/2	A N	I/A	N/A	N/A	141		
EASTBOUND	N/A	N/2	A N	I/A	N/A	N/A	N/A		
NORTHBOUND	N/A	N/A	<b>A</b> 5	09	N/A	0	N/A		
SOUTHBOUND	n/a	349	9 N	I/A	N/A	N/A	N/A		
	EAST-WEST CRI					141 529			
	THE SUM OF C	RITICAL V	VOLUMES .			670			
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	0*			
	CMA VALUE					0.447			
	LEVEL OF SERV	VICE				A			

Capacity assumed = 1500.

INTERSECTION:26, WILSHIRE BOULEVARD AND SEPULVEDA BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH			<b></b>	*:	1	RIGHT TURNS	=	
	LEFT		THROUGH 3678	M.	IN ON GF 69	reen ma	AX ON RED 0	
WESTBOUND	147 63		3693		203		0	
EASTBOUND	- <del></del>		3693 286		203 256		0	
NORTHBOUND	226						0	
SOUTHBOUND	259		662		233		U	
		**	NUMBER	OF LANE	S **			
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL	
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES	
WESTBOUND	2	0	3	1	0	0	6	
EASTBOUND	1	0	3	1	G	0	5	
NORTHBOUND	1	0	1	1	0	0	3	
SOUTHBOUND	1	0	1	1	0	0	3	
** ASSIGNED LANE VOLUMES **								
APPROACH	LEFT	LEF	r THRO	OUGH	RIGHT	RIGHT	L/T/R	
	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED	
WESTBOUND	81	N/2	Α	937	937	N/A	N/A	
EASTBOUND	63	N/X	A. 9	974	974	N/A	N/A	
NORTHBOUND	226	N/I	A. 2	271	271	N/A	N/A	
SOUTHBOUND	259	N/2	A 4	158	458	N/A	N/A	
	EAST-WEST CRI					1055 684		
	THE SUM OF CF	RITICAL '	VOLUMES .			1739		
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	5		
	CMA VALUE				• • • • • •	1.195		
	LEVEL OF SERV	TCE				F		

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:27, WILSHIRE BOULEVARD AND VETERAN AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**		RIGHT TUP	NS **
	LEFT		THROUGH	мт	N ON G		MAX ON RED
WESTBOUND	102		2609		42		0
EASTBOUND	368		4197		206		0
NORTHBOUND	106		558		222		28
SOUTHBOUND	288		288		316		202
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/F	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	1	1	0	4
		** ASS	IGNED LAN	E VOLUME	s **		
		1100.					
APPROACH	LEFT	LEFT	THRC	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI	ED ON	LY S	HARED	ONLY	SHARED
WESTBOUND	56	N/2	<b>Α</b> 6	63	663	N/A	N/A
EASTBOUND	202	N/2	A 11	.01	1101	N/A	N/A
NORTHBOUND	106	N/2	A 2	:7 <del>9</del>	N/A	222	N/A
SOUTHBOUND	288	N/A	A 2	:01	201	201	N/A
	EAST-WEST CRI	TICAL V	OLUMES			1157	
	NORTH-SOUTH C	RITICAL	VOLUMES		• • • • •	567	
	THE SUM OF CE	ንተሞፕሮ <b>ል</b> ፒ. ነ	<i>I</i> OLIMES			1724	
	THE SOM OF CE	CITICAL	VOHOMED .		• • • • • •	1,24	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	s	3	
	CMA VALUE					1.140	
	LEVEL OF SERV	ATCE.				F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:28, WILSHIRE BOULEVARD AND GAYLEY AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	R	IGHT TURN	5 **
APPROACH	LEFT		THROUGH	мт	N ON GR		AX ON RED
WESTBOUND	132		2346		59		0
EASTBOUND	634		3134		136		0
NORTHBOUND	69		377		0		22
SOUTHBOUND	96		107		0		332
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	'RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	3	1	0	0	5
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	0	2	0	4
		** ASS	IGNED LA	NE VOLUME	s **		
APPROACH	LEFT	LEF	r THR	OUGH	RIGHT	RIGHT	L/T/R
111 1 1101 1011	ONLY	SHAR		NLY S	HARED	ONLY	SHARED
WESTBOUND	132	N/Z	A	601	601	N/A	N/A
EASTBOUND	349	N/3	A	818	818	N/A	N/A
NORTHBOUND	69	N/3	A	188	N/A	0	N/A
SOUTHBOUND	96	N/.	A	107	N/A	0	N/A
	EAST-WEST CRI					950 284	
	THE SUM OF CF	RITICAL	VOLUMES			1234	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	s	3	
	CMA VALUE					0.796	
	LEVEL OF SERV	/ICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:29, WILSHIRE BOULEVARD AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				* *	F	RIGHT TURNS	5 **
	LEFT		THROUGH	M)	N ON GR	EEN MA	AX ON RED
WESTBOUND	168		2265		133		0
EASTBOUND	547		2422		157		0
NORTHBOUND	109		797		140		
SOUTHBOUND	63		329		0		249
		**	MMBED	OF TANES	2 **		
		^ ^	NUMBER	OF LANES	) ""		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	1	0	0	4
SOUTHBOUND	1	0	3	0	1	0	5
		** ASS	IGNED LAN	IE VOLUMI	ES **		
APPROACH	LEFT	LEFT	r THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI	ED ON	ILY S	SHARED	ONLY	SHARED
WESTBOUND	92	N/2	Α (	500	600	N/A	N/A
EASTBOUND	301	N/I	A. (	545	645	N/A	N/A
NORTHBOUND	109	N/2	Α 3	312	312	N/A	N/A
SOUTHBOUND	63	N/2	<b>A</b> 1	110	N/A	0	N/A
	EAST-WEST CRI	TICAL V	OLUMES			901	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • •	• • • • • •	375	
	THE SUM OF CE	TTTCAT.	VOLUMES			1276	
	IND BOIL OF C		· O DOI ILD		• • • • • • • • • • • • • • • • • • • •		
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	rs	4	
	CMA VALUE					0.858	
	LEVEL OF SERV	TICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:30, WILSHIRE BOULEVARD AND GLENDON AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**		IGHT TURNS	
	LEFT		THROUGH	MI	N ON GR	EEN M	AX ON RED
WESTBOUND	79		2325		239		0
EASTBOUND	351		1954		226		0
NORTHBOUND	20		131		16		0
SOUTHBOUND	82		53		15		96
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	3	1	0	0	5
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	1	0	1	0	2	0	4
		** ASS	igned Lan	IE VOLUME	s **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	79	N/Z	A 6	541	641	N/A	N/A
EASTBOUND	193	N/X		45	545	N/A	n/a
NORTHBOUND	N/A	N/2		I/A	N/A	N/A	167
SOUTHBOUND	82	N/	A	53	N/A	8	N/A
	EAST-WEST CRI	TICAL V	OLUMES			834	
	NORTH-SOUTH C	CRITICAL	VOLUMES	• • • • • • •	• • • • •	249	
	THE SUM OF CE	RITICAL	VOLUMES .		• • • • • •	1083	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	.s	3	
	CMA VALUE		• • • • • • •			0.690	
	LEVEL OF SERV	/ICE	• • • • • • •		• • • • • •	В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:31, WILSHIRE BOULEVARD AND SELBY AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH			mithotiqu	**	L.	IGHT TURNS	_
WESTBOUND	LEFT 67		THROUGH 3081	M	IN ON GR 77	een m	AX ON RED
EASTBOUND	24		2005		0		37
NORTHBOUND			2003 79		96		0
SOUTHBOUND	= :		38		35		12
SOUTHBOOKD	110		30		33		12
		**	NUMBER	OF LANES	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	0	3	0	1	0	5
NORTHBOUND		0	0	0	0	1	1
SOUTHBOUND	0	1	0	0	1	0	2
		** ASS	IGNED LAN	E VOLUME	ES **		
APPROACH	LEFT	LEFT	THRC	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	67	N/2	A 10	53	1053	N/A	N/A
EASTBOUND	24	N/A	A 6	68	N/A	0	N/A
NORTHBOUND	N/A	N/A	A N	ſ/Ä	N/A	N/A	262
SOUTHBOUND	N/A	154	4 N	I/A	N/A	35	N/A
	EAST-WEST CRI					1077	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •	• • • • • •	378	
	THE SUM OF CR	ITICAL '	volumes .	• • • • • • •		1455	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAI	LS	2	
	CMA VALUE			• • • • • • • •	•••••	0.900	
	LEVEL OF SERV	ICE	• • • • • • • •	• • • • • • •	••••	D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:32, WILSHIRE BOULEVARD AND WESTHOLME AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH	LEFT		THROUGH	*	* R IN ON GR	IGHT TURN:	** AX ON RED			
WESTBOUND	38		2634	141	123	Cen M	O RED			
EASTBOUND	47		2332		0		74			
NORTHBOUND	56		186		68		0			
SOUTHBOUND	58		59		35		ñ			
BOOTHBOOKD	30		33		30		Ū			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED		SHARED	LANES			
WESTBOUND	1	0	2	1	0	0	4			
EASTBOUND	1	0	3	0	1	0	5			
NORTHBOUND		0	0	0	0	1	1			
SOUTHBOUND	0	0	0	0	0	1	1			
		** ASS	igned lan	E VOLUM	ES **					
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHARI			SHARED	ONLY	SHARED			
WESTBOUND	38	N/A	A 9	19	919	N/A	N/A			
EASTBOUND	47	N/2	A 7	77	N/A	0	N/A			
NORTHBOUND	n/A	N/2	A N	I/A	N/A	N/A	310			
SOUTHBOUND	n/a	N/X	A N	I/A	N/A	N/A	152			
						0.55				
	EAST-WEST CRI NORTH-SOUTH C					966 368				
	THE SUM OF CR	ITICAL '	VOLUMES .			1334				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3				
	CMA VALUE	• • • • • •			• • • • • •	0.866				
	LEVEL OF SERV	TICE		•••••	•••••	D				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:33, WILSHIRE BOULEVARD AND WARNER AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH	T 12 12 12 12 12 12 12 12 12 12 12 12 12		munottott	*:	* R IN ON GR	IGHT TURNS	** AX ON RED
WESTBOUND	LEFT 16		THROUGH 2691	M.	IN ON GR 82	een m	AX ON RED
EASTBOUND	92		2383		22		0
NORTHBOUND	94		2303 66		0		35
SOUTHBOUND	87		82		70		46
SOUTHBOOKE	01		02		,,		40
		**	NUMBER	OF LANE	S **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED		SHARED	LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	0	2	1	0	0	4
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	1	0	1	0	1	0	3
		** ASS	IGNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEF.	r Thro	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	16	N/I	Α. 9	24	924	N/A	N/A
EASTBOUND	92	N/X	Α. ε	302	802	N/A	N/A
NORTHBOUND	94	N/I	Ą	66	N/A	0	N/A
SOUTHBOUND	87	N/Z	A	82	n/a	70	N/A
	EAST-WEST CRI					1016 176	
	THE SUM OF CR	TICAL	VOLUMES .	• • • • • • •		1192	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.766	
	LEVEL OF SERV	TICE	• • • • • •		• • • • • • •	С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:34, WELLWORTH AVENUE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	Б	RIGHT TURNS	; **
AFFROACH	LEFT		THROUGH	мт	N ON GF		AX ON RED
WESTBOUND	75		69		87		0
EASTBOUND	32		79		62		0
NORTHBOUND	66		1262		240		0
SOUTHBOUND	24		472		11		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** 5991	CMED IAN	IE VOLUME	C **		
		" Moo.	IGNED THE	AE ACHOME	15)		
APPROACH	LEFT	LEFT	r THRO	OUGH	RIGHT	RIGHT	L/T/R
712 1 1107 1011	ONLY	SHARI		ILY S	HARED	ONLY	SHARED
WESTBOUND	N/A	N/A	A. P	I/A	N/A	N/A	231
EASTBOUND	N/A	N/A	A 1	1/A	N/A	N/A	173
NORTHBOUND	66	N/A	A	751	751	N/A	N/A
SOUTHBOUND	24	N/2	A 2	242	242	N/A	N/A
	EAST-WEST CRI	TICAL VO	DLUMES .			263	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •		775	
	THE SUM OF CF	RITICAL '	VOLUMES		• • • • •	1038	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	.s	2	
	CMA VALUE				•••••	0.622	
	LEVEL OF SERV	/ICE	• • • • • • • •			В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:35, OHIO AVENUE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH	* *** *****		mythougu	*:	* p	IGHT TURNS	S ** AX ON RED			
MEGMEOUNE	LEFT 76		THROUGH 353	M.	IN ON GE	EEN M	AX ON RED			
WESTBOUND EASTBOUND	212		335 336		0		83			
NORTHBOUND	85		1310		30		0			
SOUTHBOUND	27		558		79		ő			
DOOTHDOOND	2,		550		, ,		v			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT		L/T/R	TOTAL			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	1	0	0	1	0	0	2			
EASTBOUND	1	0	1	0	1	0	3			
NORTHBOUND	1	0	1	1	0	0	3			
SOUTHBOUND	1	0	1	1	0	0	3			
		** ASS	GNED LAN	E VOLUM	ES **					
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHARI	ED ON	ILY :	SHARED	ONLY	SHARED			
WESTBOUND	76	N/A	A N	I/A	397	N/A	N/A			
EASTBOUND	212	N/A	<b>A</b> 3	36	N/A	0	N/A			
NORTHBOUND	85	N/A	<b>λ</b> 6	570	670	N/A	N/A			
SOUTHBOUND	27	N/A	A 3	318	318	N/A	N/A			
	EAST-WEST CRI	TICAL VO	DLUMES			609				
	NORTH-SOUTH C					697				
	THE SUM OF CF	RITICAL V	VOLUMES .	•••••		1306				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2				
	CMA VALUE	• • • • • •				0.801				
	LEVEL OF SERV	ICE				D				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:36, SANTA MONICA BOULEVARD AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**		IGHT TURN:	5 **		
AFFROACH	LEFT		THROUGH	мт	N ON GE		AX ON RED		
WESTBOUND	150		1697		210		60		
EASTBOUND	211		2161		0		91		
NORTHBOUND	62		876		53		0		
SOUTHBOUND			592		0		87		
		**	NUMBER	OF LANES	**				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	2	0	3	0	1	0	6		
EASTBOUND	2	0	3	0	1	0	6		
NORTHBOUND	0	1	1	1	0	0	3		
SOUTHBOUND	1	0	2	0	1	0	4		
** Assigned Lane Volumes **									
APPROACH	LEFT	LEFT	THRO	OUGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR			HARED	ONLY	SHARED		
WESTBOUND	82	N/A	_	666	N/A	210	N/A		
EASTBOUND	116	N/A		720	N/A	0	N/A		
NORTHBOUND	N/A	249	9 3	371	371	N/A	N/A		
SOUTHBOUND	121	N/2	<b>A</b> 2	296	N/A	0	n/a		
	EAST-WEST CRI	ישדריאד זע	NI IIMPe			802			
	NORTH-SOUTH C					492			
	NORTH-BOOTH C	KILLCAN	CHRIOHOV	• • • • • • •		7			
	THE SUM OF CF	RITICAL V	OLUMES			1294			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	s	4			
	CMA VALUE					0.871			
	LEVEL OF SERV	/ICE				D			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:1, SUNSET BOULEVARD AND VETERAN AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	1,	IGHT TURNS	=
	LEFT		THROUGH	MI	n on gr	EEN M	AX ON RED
WESTBOUND	262		1723		0		0
EASTBOUND	0		1464		186		0
NORTHBOUND			0		255		131 0
SOUTHBOUND	0		0		0		U
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	0	0	0	3
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	0	0	0	0	0	0	0
		** ASS	igned Lan	E VOLUME	s **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ed on	ILY S	HARED	ONLY	SHARED
WESTBOUND	262	N/2	A 8	62	N/A	N/A	N/A
EASTBOUND	N/A	N/Z	A. 8	25	825	N/A	N/A
NORTHBOUND		N/I	A. N	I/A	N/A	255	n/A
SOUTHBOUND	N/A	N/2	A N	I/A	N/A	N/A	N/A
	EAST-WEST CRI		-			1087 329	
	THE SUM OF CE	RITICAL '	VOLUMES .			1416	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVAL	s	3	
	CMA VALUE				•••••	0.924	
	LEVEL OF SERV	/ICE			• • • • • •	E	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:2, SUNSET BOULEVARD AND HILGARD AVENUE/COPA DE ORO ROAD DATE: 10/8/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				*:		IGHT TURNS	
	LEFT		THROUGH	M.	IN ON GF	een m	AX ON RED
WESTBOUND	353		1291		22		0
EASTBOUND	20		1153		421		0
NORTHBOUND	324		71 272			176	
SOUTHBOUND	18		62 11			0	
		**	NUMBER	OF LANE:	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFFROACH	ONLY	SHARED	ONLY	SHARED	<del>-</del>	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	ī	Ō	ī	1	0	0	3
NORTHBOUND	1	0	0	0	1	1	3
SOUTHBOUND	Ö	Ō	0	0	0	1	1
		** ASS	IGNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY	SHARED	ONLY	SHARED
WESTBOUND	353	N/A	а (	65 <b>6</b>	656	N/A	N/A
EASTBOUND	20	N/X	A 7	787	787	N/A	N/A
NORTHBOUND	222	N/	A I	I/A	N/A	222	222
SOUTHBOUND	n/a	N/2	A 1	I/A	N/A	n/A	91
	EAST-WEST CRI	ጥተሮል፣ እን	OLUMES			1140	
	NORTH-SOUTH					313	
	THE SUM OF CE	RITICAL	VOLUMES .		• • • • • •	1453	
	NUMBER OF CR	LS	4*				
	CMA VALUE	0.987					
	LEVEL OF SERV	/ICE	• • • • • • •			E	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Northbound and Southbound approaches have opposed signal phases.

Palazzo\August '02\Supermarket Project.xls, Worksheet: Total, Row: 7 10/8/2002 12:07:45 PM

INTERSECTION: 2, SUNSET BOULEVARD AND HILGARD AVENUE/COPA DE ORO ROAD

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				**	. 1	RIGHT TURN:	5 **	
	LEFT		THROUGH	MI	N ON GI	reen M	AX ON RED	
WESTBOUND	352		1344		17		0	
EASTBOUND	20		1176		429		0	
NORTHBOUND	323		1101		176		176	
SOUTHBOUND	19		58		13		0	
		**	NUMBER	OF LANES	**			
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL	
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES	
WESTBOUND	1	0	1	1	0	0	3	
EASTBOUND	1	0	1	1	0	0	3	
NORTHBOUND	1	0	0	0	1	1	3	
SOUTHBOUND	0	0	0	0	0	1	1	
		** ASS	igned lan	E AOTAWE	ES **			
APPROACH	LEFT	LEFT	r Thro	OUGH	RIGHT	RIGHT	L/T/R	
	ONLY	SHARI	ED O	NLY S	SHARED	ONLY	SHARED	
WESTBOUND	352	N/A	A (	580	680	N/A	n/a	
EASTBOUND	20	N/ <i>I</i>	A 8	302	802	N/A	N/A	
NORTHBOUND	712	712	2 1	1/A	N/A	176	N/A	
SOUTHBOUND	N/A	N/3	A. 1	I/A	N/A	N/A	90	
	EAST-WEST CRITICAL VOLUMES							
	CMA VALUE	•••••		• • • • • • •	• • • • • •	1.353		

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Northbound and Southbound approaches have opposed signal phases.

LEVEL OF SERVICE ..... F

INTERSECTION: 3, SUNSET BOULEVARD AND BEVERLY GLEN BLVD./BEL AIR ROAD

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				**	ī	RIGHT TURN	s **
111 1 1101 1011	LEFT		THROUGH	MI	N ON GI		AX ON RED
WESTBOUND	383		1399		53		0
EASTBOUND	26		1699		70		0
NORTHBOUND	229		127		413		191
SOUTHBOUND	61		56		25		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	0	0	0	0	0	1	1
		** ASSI	GNED LAI	NE VOLUME	s **		
APPROACH	LEFT	LEFT	THR	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARE	ED OI	NLY S	HARED	ONLY	SHARED
WESTBOUND	383	N/A		726	726	N/A	N/A
EASTBOUND	26	N/A	<b>1</b>	384	884	N/A	N/A
NORTHBOUND	229	N/A	<b>X</b> :	127	N/A	413	N/A
SOUTHBOUND	N/A	N/A	<b>\</b> 1	A/N	N/A	N/A	142
	EAST-WEST CR NORTH-SOUTH					1266 555	
	THE SUM OF C	RITICAL V	OLUMES			1821	
	NUMBER OF CR	ITICAL CI	LEARANCE	INTERVAL	s	4*	
	CMA VALUE			• • • • • • • •	• • • • • •	1.254	

Northbound and Southbound approaches have opposed signal phases.

Palazzo\August '02\Supermarket Project.xls, Worksheet: Total, Row: 184 8/12/2002 9:53:26 AM

LEVEL OF SERVICE ..... F

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:4, MONTANA BOULEVARD AND SEPULVEDA BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				*	* 18	IGHT TURNS	5 **			
	LEFT		THROUGH	M	IN ON GR	EEN M	AX ON RED			
WESTBOUND	63		352		454		0			
EASTBOUND	7		140		42		0			
NORTHBOUND	248		1582		20		116			
SOUTHBOUND	86		341		32		0			
	** NUMBER OF LANES **									
APPROACH	LEFT ONLY	LEFT SHARED	THROUGH	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES			
WESTBOUND	0 OMP1	SHARED	0 0	SHARED 1	ONLI	SHARED 0	2 2			
EASTBOUND	0	0	0	0	0	1	1			
NORTHBOUND	_	0	2	0	1	0	4			
SOUTHBOUND		0	1	1	Ô	Ö	3			
	_	-	_	_	•	-	_			
		** ASS	GNED LAN	IE VOLUM	ES **					
APPROACH	LEFT	LEFT	THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHARE	ED ON	ILY	SHARED	ONLY	SHARED			
WESTBOUND	N/A	415	5 N	I/A	N/A	454	N/A			
EASTBOUND	N/A	N/A		I/A	N/A	N/A	189			
NORTHBOUND		N/A		791	N/A	20	N/A			
SOUTHBOUND	86	N/A	A 1	186	186	N/A	N/A			
	EAST-WEST CRI					461 877				
	NORTH-SOUTH C	KILICAL	AOTOMES							
	THE SUM OF CF	RITICAL V	OLUMES .	• • • • • • •	• • • • • •	1338				
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3				
	CMA VALUE					0.869				
	LEVEL OF SERV	CE			• • • • • • •	D				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:5, MONTANA BOULEVARD/GAYLEY AVENUE AND VETERAN AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH	LEFT		THROUGH	**	FIN ON GE	RIGHT TURNS	5 ** AX ON RED			
WESTBOUND	32		666	MI	263	CEEN MA	O RED			
EASTBOUND	53		278		63		0			
NORTHBOUND			404		61		0			
SOUTHBOUND			453		85		0			
SOUTHBOOMD	91		400		0.5		U			
** NUMBER OF LANES **										
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	LATOT			
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES			
WESTBOUND	0	0	0	0	0	1	1			
EASTBOUND	0	0	0	0	0	1	1			
NORTHBOUND	0	0	0	0	0	1	1			
SOUTHBOUND	0	0	0	0	0	1	1			
		** ASS]	GNED LAN	E VOLUM	ES **					
APPROACH	LEFT	LEFT	THRO	UGH	RIGHT	RIGHT	L/T/R			
	ONLY	SHARE	ED ON	LY S	HARED	ONLY	SHARED			
WESTBOUND	N/A	N/A	A. N	/A	N/A	N/A	961			
EASTBOUND	N/A	N/A	A N	/A	N/A	N/A	394			
NORTHBOUND	N/A	N/A	A N	/A	N/A	N/A	583			
SOUTHBOUND	n/a	N/A	A N	/A	N/A	N/A	635			
	EAST-WEST CRI	TICAL VO	DLUMES			1014				
	NORTH-SOUTH C	RITICAL	VOLUMES			753				
	THE SUM OF CR	ITICAL V	OLUMES .	• • • • • • •		1767				
	NUMBER OF CRI	TICAL CI	LEARANCE	INTERVAL	LS	2				
	CMA VALUE					1.108				
	LEVEL OF SERV	TCE				F				

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 6, WYTON DRIVE AND HILGARD AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	· [	RIGHT TURNS	; **
AFFROACH	LEFT		THROUGH	мт	N ON GE	- <del></del>	AX ON RED
WESTBOUND	40		44		16		0
EASTBOUND	73		118		199		102
NORTHBOUND	193		851		79		0
SOUTHBOUND	28		529		46		Ō
DOUTHDOOM	20						
		**	NUMBER	OF LANES	; **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	1	0	0	1	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** 766.	IGNED LAN	E VALUME	re **		
		ADD.	LONED IFM	P AODOLI			
APPROACH	LEFT	LEF.	r Thro	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR			HARED	ONLY	SHARED
WESTBOUND	N/A	N/I		I/A	N/A	N/A	100
EASTBOUND	N/A	19:			N/A	199	N/A
NORTHBOUND		N/1			465	N/A	N/A
SOUTHBOUND	28	N/J	A 2	88	288	N/A	N/A
						000	
	EAST-WEST CR					239	
	NORTH-SOUTH (	CRITICAL	VOLUMES		• • • • • •	493 	
	THE SUM OF C	RITICAL '	volumes .			732	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	Ls	2	
	CMA VALUE					0.418	
	LEVEL OF SER	VICE				Α	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:7, LEVERING AVENUE AND VETERAN AVENUE
DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	r R	IGHT TURNS	**
	LEFT		THROUGH	MI	N ON GR	een <i>Ma</i>	XX ON RED
WESTBOUND	88		128		56		0
EASTBOUND	1		34		64		0
NORTHBOUND	160		593		57		0
SOUTHBOUND	37		477		7		0
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFINONCII	ONLY	SHARED		SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	igned Lan	IE VOLUMI	es **		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/	A N	I/A	N/A	N/A	272
EASTBOUND	N/A	N/		I/A	N/A	N/A	99
NORTHBOUND	n/a	N/		I/A	N/A	N/A	810
SOUTHBOUND	N/A	N/	A N	I/A	N/A	N/A	521
	EAST-WEST CRI					273 847	
	THE SUM OF CF	RITICAL	VOLUMES		• • • • • •	1120	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE		• • • • • • • • •			0.677	
	LEVEL OF SERV	/ICE	• • • • • • •		• • • • • •	В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:8, LE CONTE AVENUE AND GAYLEY AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**		IGHT TURNS	
	LEFT		THROUGH	M.	N ON GR	EEN MA	AX ON RED
WESTBOUND	383		249		68		168
EASTBOUND	24		121		3		0
NORTHBOUND	53		550		236		0
SOUTHBOUND	263		1324		30		0
		**	NUMBER	OF LANES	; **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	0	1	0	3
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	E VOLUMI	ES **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	LY S	SHARED	ONLY	SHARED
WESTBOUND	383	N/X	A 2	49	N/A	68	N/A
EASTBOUND	24	N/	A, N	/A	124	N/A	N/A
NORTHBOUND	53	N/:	A. 3	93	393	N/A	N/A
SOUTHBOUND	263	N/:	<b>Α</b> 6	577	677	N/A	N/A
		·m=a31 12	OT IDERC			507	
	EAST-WEST CRI					730	
	THE SUM OF CF					1237	
	NUMBER OF CRI					2	
	CMA VALUE						
	LEVEL OF SERV	/ICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 9, LE CONTE AVENUE AND WESTWOOD PLAZA/WESTWOOD BOULEVARD

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	17	IGHT TURN	
	LEFT		THROUGH	M]	in on Gr	een M	AX ON RED
WESTBOUND	271		511		0		90
EASTBOUND	78		397		102		0
NORTHBOUND			505		303		136
SOUTHBOUND	136		844		147		130
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	0	1	0	3
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	ī	0	2	0	1	0	4
SOUTHBOUND	<del>=</del>	Ō	2	Ô	1	0	4
		** ASS	IGNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEFT	THRO	UGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI	ED ON	LY :	SHARED	ONLY	SHARED
WESTBOUND	271	N/A	A 5	11	N/A	0	N/A
EASTBOUND	78	N/A	A N	/A	499	N/A	N/A
NORTHBOUND	192	N/A	A 2	:52	N/A	303	N/A
SOUTHBOUND	136	N/A	<b>4</b>	22	N/A	147	N/A
						55.0	
	EAST-WEST CRI					770	
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • •		614	
	THE SUM OF CF	RITICAL V	VOLUMES .	• • • • • •		1384	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.853	
	LEVEL OF SERV	ICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:10, LE CONTE AVENUE AND TIVERTON AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**		GHT TURNS			
	LEFT		THROUGH	MI	N ON GRI	een mo	AX ON RED		
WESTBOUND	34		472		41		0		
EASTBOUND	108		619		106		0		
NORTHBOUND	47		62		65		0		
SOUTHBOUND	82		66		138		70		
		**	NUMBER	OF LANES	**				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	1	1	0	0	3		
EASTBOUND	1	0	1	1	0	0	3		
NORTHBOUND	0	0	0	0	0	1	1		
SOUTHBOUND	0	1	0	0	1	0	2		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEF.	r THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ed on	LY S	HARED	ONLY	SHARED		
WESTBOUND	34	N/2	-	:56	256	N/A	N/A		
EASTBOUND	108	N/I		62	362	N/A	N/A		
NORTHBOUND		N/Z	A N	/A	N/A	N/A	174		
SOUTHBOUND	N/A	14	B 1/	/A.	N/A	138	N/A		
	EAST-WEST CRI	TTCAT. W	OLUMES			396			
	NORTH-SOUTH (					256			
	MONTH DOOTH	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10201125		-				
	THE SUM OF C	RITICAL '	VOLUMES .		• • • • • •	652			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	.s	2			
	CMA VALUE					0.369			
	LEVEL OF SERV	/ICE				Α			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:11, LE CONTE AVENUE AND HILGARD AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				**	R	IGHT TURNS	3 **		
	LEFT		THROUGH	MI	N ON GR	EEN MA	AX ON RED		
WESTBOUND	16		97		33		0		
EASTBOUND	454		131		0		176		
NORTHBOUND	48		772		33		0		
SOUTHBOUND	20		599		126		292		
		**	NUMBER	OF LANES	; **				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	0	1	0	0	2		
EASTBOUND	1	1	0	0	1	0	3		
NORTHBOUND	0	0	0	0	0	1	1		
SOUTHBOUND	0	1	1	0	1	0	3		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEF.	r THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED		
WESTBOUND	16	N/2	A. N	I/A	130	N/A	N/A		
EASTBOUND	292	29	2 N	I/A	N/A	0	N/A		
NORTHBOUND	N/A	N/2	A N	I/A	N/A	N/A	853		
SOUTHBOUND	n/a	27	9 3	340	N/A	126	N/A		
	EAST-WEST CRI					422 873			
	THE SUM OF CF	RITICAL '	VOLUMES .			1295			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	LS	3*			
	CMA VALUE			• • • • • • •		0.839			
	LEVEL OF SERV	CE			• • • • • • •	D			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Eastbound and Westbound approaches have opposed signal phases.

Palazzo\August '02\Supermarket Project.xls, Worksheet: Total, Row: 192 8/12/2002 9:53:28 AM

INTERSECTION:12, WEYBURN AVENUE AND VETERAN AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	R	IGHT TURNS	s **
ALLKOHOH	LEFT		THROUGH	MI	N ON GR	een Ma	AX ON RED
WESTBOUND	829		0		192		0
EASTBOUND	0		0		0		0
NORTHBOUND	0		759				398
SOUTHBOUND	158		345				0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	0	0	1	2
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3
		** 766.	taunn Ili	tm 100111140	'C **		
		** ASS.	IGNED LAI	AE AOTOME	٠ د.		
APPROACH	LEFT	LEF	r THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED O	1LY S	HARED	ONLY	SHARED
WESTBOUND	510	N/X	A 1	1/A	N/A	N/A	510
EASTBOUND	N/A	N/2	A 1	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/2	Α :	380	N/A	0	N/A
SOUTHBOUND	158	N/	<b>A</b> :	172	N/A	N/A	A\N
	EAST-WEST CR					510	
	NORTH-SOUTH	CRITICAL	VOLUMES			538	
	THE SUM OF C	RITICAL	VOLUMES	• • • • • • •		1048	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.629	
						_	
	LEVEL OF SER	VICE	• • • • • • •			В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:13, WEYBURN AVENUE AND GAYLEY AVENUE
DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	R	IGHT TURNS	**
AFFROACH	LEFT		THROUGH	M	N ON GR	EEN MA	X ON RED
WESTBOUND	125		263		118		0
EASTBOUND	205		274		77		0
NORTHBOUND	113		737		201		0
SOUTHBOUND	119		923 576				0
DOOTHDOOMD							
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
<b></b>	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
					PC **		
		** ASS	IGNED LAN	ME AOTOM	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED O	NLY :	SHARED	ONLY	SHARED
WESTBOUND	N/A	20	6 1	A\n	300	N/A	N/A
EASTBOUND	205	N/.	A 1	A\N	351	N/A	N/A
NORTHBOUND	113	N/	A 4	469	469	N/A	N/A
SOUTHBOUND	119	N/.	A '	750	750	N/A	N/A
	EAST-WEST CRI	TICAL V	OLUMES .	• • • • • • •	• • • • • •	505	
	NORTH-SOUTH C	CRITICAL	VOLUMES		• • • • • • •	863	
	THE SUM OF CH	RITICAL	VOLUMES			1368	
				*******	T 0	2	
	NUMBER OF CR	ITICAL C	<u>LEARANCE</u>	INTERVA	тэ	۷	
	CMA VALUE				• • • • • •	0.842	
	LEVEL OF SERV	/ICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:14, WEYBURN AVENUE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

* DDDO * CU				**	R	IGHT TURNS	3 **		
APPROACH	LEFT		THROUGH	MT	N ON GR	<del></del>	AX ON RED		
WESTBOUND	116		305		79		0		
EASTBOUND	102		341		167		0		
NORTHBOUND	162		917		78		0		
SOUTHBOUND	34		1061		40		51		
		**	NUMBER	OF LANES	**				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	0	0	0	0	0	1	1		
EASTBOUND	0	1	0	1	0	0	2		
NORTHBOUND	1	0	1	1	0	0	3		
SOUTHBOUND	0	1	1	0	1	0	3		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R		
<del></del>	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED		
WESTBOUND	n/a	N/	A N	I/A	N/A	N/A	500		
EASTBOUND	N/A	25	8 1	I/A	352	N/A	N/A		
NORTHBOUND	162	N/	A. 4	198	498	N/A	N/A		
SOUTHBOUND	N/A	48	0 6	515	n/a	40	N/A		
	EAST-WEST CRI	TICAL V	OLUMES .			602			
	NORTH-SOUTH C	CRITICAL	VOLUMES			777			
	THE SUM OF CE	RITICAL	VOLUMES .			1379			
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	Ls	2			
	CMA VALUE					0.849			
	LEVEL OF SERV	VICE				D			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:15, WEYBURN AVENUE AND GLENDON AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

ADDONCH				**	R.	IGHT TURNS	**		
APPROACH	LEFT		THROUGH	мт	n on gri		X ON RED		
WESTBOUND	235		351		0		0		
EASTBOUND	0		227		192		0		
NORTHBOUND	183	0			73		118		
SOUTHBOUND	0		0				0		
DOUTHDOUND	•								
		**	NUMBER	OF LANES	**				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	0	0	0	0	0	1	1		
EASTBOUND	0	0	0	0	0	1	1		
NORTHBOUND	1	0	0	0	1	0	2		
SOUTHBOUND	0	0	0	0	0	0	0		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED		
WESTBOUND	N/A	N/.	A N	I/A	N/A	N/A	586		
EASTBOUND	N/A	N/.		I/A	N/A	N/A	419		
NORTHBOUND	183	N/.		I/A	n/a	73	N/A		
SOUTHBOUND	n/A	N/	A N	I/A	n/a	N/A	N/A		
	EAST-WEST CRI					654			
	NORTH-SOUTH (	CRITICAL	VOLUMES			183			
	THE SUM OF C	RITICAL	VOLUMES .			837			
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2			
	CMA VALUE					0.488			
•	LEVEL OF SERV	/ICE				A			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:16, WEYBURN AVENUE AND TIVERTON AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

### \*\* INPUT VOLUMES \*\*

N DDDONGU				**	<b>D</b>	IGHT TURNS	; **
APPROACH	LEFT		THROUGH	мт	N ON GR		AX ON RED
WESTBOUND	0		217		29		0
EASTBOUND	61		193		0		0
NORTHBOUND	94		162		37		0
SOUTHBOUND	48		0		79		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	IGNED LAN	IE VOLUME	ES **		
APPROACH	LEFT	LEF	r THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	NLY S	HARED	ONLY	SHARED
WESTBOUND	N/A	N/	A N	I/A	N/A	N/A	246
EASTBOUND	n/a	N/	A 1	A/1	N/A	N/A	254
NORTHBOUND	N/A	N/.	A 1	I/A	N/A	N/A	293
SOUTHBOUND	N/A	N/.	A M	1/A	N/A	N/A	127
	EAST-WEST CRI					307 340	
	THE SUM OF C	RITICAL	VOLUMES .			647	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	Ls	0*	
	CMA VALUE			• • • • • • •		0.647	
	LEVEL OF SERV	VICE				В	

Capacity assumed = 1000.

INTERSECTION:17, WEYBURN AVENUE AND HILGARD AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**		RIGHT TURNS	; **		
APPROACH	LEFT		THROUGH	мт	N ON G		AX ON RED		
WESTBOUND	14		96	•••	25		0		
EASTBOUND	159		100		123		0		
NORTHBOUND	29		521		8		Ō		
SOUTHBOUND	18		686		143		Ō		
BOOTHBOOKB									
		**	NUMBER	OF LANES	**				
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	0	0	0	0	0	1	1		
EASTBOUND	0	0	0	0	0	1	1		
NORTHBOUND	0	0	0	0	0	1	1		
SOUTHBOUND	0	0	0	0	0	1	1		
** ASSIGNED LANE VOLUMES **									
APPROACH	LEFT	LEFT	r THRO	UGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHARI	ED ON	LY S	HARED	ONLY	SHARED		
WESTBOUND	N/A	N/2	A N	/A	N/A	N/A	135		
EASTBOUND	N/A	N/2	A N	I/A	N/A	N/A	382		
NORTHBOUND	N/A	N/A	A N	I/A	N/A	N/A	558		
SOUTHBOUND	n/a	N/2	A N	I/A	n/A	N/A	847		
	EAST-WEST CRI	TICAL V	OLUMES			396			
	NORTH-SOUTH C	RITICAL	VOLUMES	• • • • • • •		876 			
	THE SUM OF CR	RITICAL '	VOLUMES .			1272			
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	Ls	2			
	CMA VALUE		• • • • • • •		••••	0.778			
	LEVEL OF SERV	TCE	• • • • • • •			С			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:18, KINROSS AVENUE AND VETERAN AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

				**	. 10	IGHT TURNS	<b>*</b> **
APPROACH	LEFT		THROUGH		N ON GR		AX ON RED
	<u>ынгт</u> 323		0	Fil	128	14	30
WESTBOUND	323 0		0		0		0
EASTBOUND	0		1285		31		89
NORTHBOUND SOUTHBOUND	44		1402		0		0
POOTHBOOMD	77		1102		•		
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	0	0	1	0	3
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3
		** ASS	IGNED LAN	IE VOLUMI	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONLY	SHAR	ED O	ILY :	SHARED	ONLY	SHARED
WESTBOUND	178	N/	A I	I/A	N/A	128	N/A
EASTBOUND	N/A	N/.	A ?	1/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/.	Α (	542	N/A	31	N/A
SOUTHBOUND	44	N/	A '	701	N/A	N/A	n/a
	EAST-WEST CRI					178 701	
	THE SUM OF C	RITICAL	VOLUMES	• • • • • •		879	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.516	
	LEVEL OF SER	VICE	•••••		• • • • • •	A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:19, KINROSS AVENUE AND GAYLEY AVENUE
DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR
CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	R	IGHT TURNS	3 **
AFFROACH	LEFT		THROUGH	MI	N ON GR	EEN MA	AX ON RED
WESTBOUND	139		97		204		0
EASTBOUND	66		154		107		0
NORTHBOUND	131		800		71		0
SOUTHBOUND	68		937 159				0
20021120							
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** 766	IGNED LAN	IE VATIMI	PC **		
		T ASS	TONED TWO	E AOPOM	20		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
112 2 1 101 1011	ONLY	SHAR	ED ON	ILY :	SHARED	ONLY	SHARED
WESTBOUND	139	N/	A I	i/A	301	N/A	N/A
EASTBOUND	66	N/	A ì	1/A	261	N/A	N/A
NORTHBOUND	131	N/.	Α 4	136	436	N/A	N/A
SOUTHBOUND	68	N/	A !	548	548	N/A	N/A
5001112000							
	EAST-WEST CRI	ጥተሮአፒ ህ	OTJIMIRS			400	
	NORTH-SOUTH	יפדיידראי. זברדיידראי	VOLUMES			679	
	MOKIN BOOTH	J1(1110)		••••			
	THE SUM OF C	RITICAL	VOLUMES	,		1079	
	NUMBER OF CR	TTTCAT. C	LEARANCE	INTERVA	LS	2	
	HOUDDIN OF OUR						
	CMA VALUE				• • • • • •	0.649	
	LEVEL OF SER	VICE				В	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:20, KINROSS AVENUE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				*+	R	IGHT TURNS	s **		
AL LINOACII	LEFT		THROUGH	M	N ON GR	een ma	AX ON RED		
WESTBOUND	45		117		66		0		
EASTBOUND	79		161		94		0		
NORTHBOUND	109		1012		84		0		
SOUTHBOUND	40		1158		55		58		
** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
11011011011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	1	0	0	1	0	0	2		
EASTBOUND	1	0	0	1	0	0	2		
NORTHBOUND	0	1	0	1	0	0	2		
SOUTHBOUND	0	1	1	0	1	0	3		
** Assigned Lane Volumes **									
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ED O	1LY	SHARED	ONLY	SHARED		
WESTBOUND	4.5	N/.	A l	N/A	183	N/A	N/A		
EASTBOUND	79	N/.	A l	A/N	255	N/A	N/A		
NORTHBOUND	n/a	33	0 1	N/A	875	N/A	N/A		
SOUTHBOUND	N/A	50	9 (	588	N/A	55	N/A		
	EAST-WEST CRI					300 915			
	THE SUM OF C	RITICAL	VOLUMES			1215			
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	2			
	CMA VALUE					0.740			
	LEVEL OF SER	VICE	•••••			С			

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 21, KINROSS AVENUE AND GLENDON AVENUE

DATE: 12/30/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				*	*	RIGHT TUF	NS **
APPROACH	LEFT		THROUGH	М	IN ON G		MAX ON RED
WESTBOUND	0		0		0	1	0
EASTBOUND	186		0		86	;	169
NORTHBOUND	169		0		41		281
SOUTHBOUND	281		0		51		186
		**	NUMBER	OF LANE	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/E	R TOTAL
AFFROACH	ONLY	SHARED	ONLY	SHAREL		SHAREI	LANES
WESTBOUND	0	0	0	· 0	0	0	0
EASTBOUND	1	0	0	0	· 1	0	2
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	1 -	. 0	0	0	1	0	2
			IGNED LAI			27600	7 /M /D
APPROACH	LEFT	LEF		DUGH	RIGHT	RIGHT ONLY	
	ONLY	SHAR		NLY	N/A		
WESTBOUND	N/A	N/		A/A A/K	N/A	86	· · · · · · · · · · · · · · · · · · ·
EASTBOUND	186	N/. N/.	-	A/A A/R	N/A	41	
NORTHBOUND	169 281	N/		N/A	N/A	51	
SOUTHBOUND	201	147	<b>.</b>	., 11	.,,		•
	EAST-WEST CRI						
	THE SUM OF C	RITICAL	VOLUMES			. 508	
	NUMBER OF CR	ITICAL C	LEARANÇE	INTERV	ALS	. 0*	
	CMA VALUE					. 0.508	
	LEVEL OF SER	VICE				. A	
**							

Capacity assumed = 1000.

INTERSECTION:22, LINDBROOK DRIVE AND GAYLEY AVENUE
DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	<b>.</b> Б	IGHT TURNS	**
APPROACH	LEFT		THROUGH	M	IN ON GR		X ON RED
WESTBOUND	226		0		265		0
EASTBOUND	0		0		0		0
NORTHBOUND	Ô		858		260		0
SOUTHBOUND	125		1071		0		0
<b></b>							
		**	NUMBER	OF LANE:	S **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASSI	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEFT	r thro	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARI		ILY :	SHARED	ONLY	SHARED
WESTBOUND	226	N/A		I/A	265	N/A	N/A
EASTBOUND	N/A	N/X		I/A	N/A	N/A	N/A
NORTHBOUND	0	N/1		559	559	N/A	N/A
SOUTHBOUND	125	N/2	A !	536	536	N/A	N/A
						265	
	EAST-WEST CRI					265 684	
	NORTH-SOUTH C	RITICAL	VOLUMES				
	THE SUM OF CR	TICAL	VOLUMES			949	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.563	
	LEVEL OF SERV	CE				A	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:23, LINDBROOK DRIVE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

				**	. т	RIGHT TURNS	; **
APPROACH	LEFT		THROUGH	мт	N ON GF		AX ON RED
tanamnountn	224		264	111	128		0
WESTBOUND	39		152		104		0
EASTBOUND NORTHBOUND	100		1218		222		112
SOUTHBOUND	37		1211		80		0
SOUTHBOOMD	3,						
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
7,	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	0	1	1	0	1	0	3
SOUTHBOUND	0	1	1	1	0	0	3
		** ASS	IGNED LAN	NE VOLUME	ES **		
APPROACH	LEFT	LEF"	r THRO	OUGH	RIGHT	RIGHT	L/T/R
711 1 1 (0) 1011	ONLY	SHAR		ILY S	SHARED	ONLY	SHARED
WESTBOUND	N/A	27	7 I	1/A	340	N/A	N/A
EASTBOUND	N/A	12	9 1	1/A	166	N/A	N/A
NORTHBOUND	n/A	40	9 9	909	N/A	222	N/A
SOUTHBOUND	n/a	31	9 !	504	504	N/A	n/a
	EAST-WEST CRI	TICAL V	OLUMES .			390	
	NORTH-SOUTH (					946	
	THE SUM OF C	RITICAL	VOLUMES			1336	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.821	
	LEVEL OF SERV	VICE	• • • • • • • •			D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION: 24, LINDBROOK DRIVE AND GLENDON AVENUE/TIVERTON AVENUE

DATE: 12/30/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

#### \*\* INPUT VOLUMES \*\*

* DDD08.CII					**	R	IGHT	TURNS	**
APPROACH	LEFT		THROUGH	1	MIN	ON GR			X ON RED
WESTBOUND	362		678			180			0
EASTBOUND	192		392			61			0
NORTHBOUND	57		469			. 0			263
SOUTHBOUND	141		253			104			0
•		**	NUMBER	OF LAN	ES	**			
APPROACH	LEFT	LEFT	THROUGH	RIGH	T :	RIGHT	L/	T/R	TOTAL
Attionon	ONLY	SHARED	ONLY	SHARE	D	ONLY		ARED	LANES
WESTBOUND	0	1	0	1		0		)	2
EASTBOUND	0	1	0	1	4	0		)	2
NORTHBOUND	1	0	1	0		1		)	3
SOUTHBOUND	1	0	0	1		0	(	0	2
		** ASS	IGNED LA	NE VOLU	MES	**			
APPROACH	LEFT	LEF	T THRO	OUGH	R	IGHT	RIC	GHT	L/T/R
112 2 110110	ONLY	SHAR	ED O	NLY		ARED	-	NLY	SHARED
WESTBOUND	N/A	38	1 1	A\N		839		N/A	N/A
EASTBOUND	192	N/		A\r		453	]	N/A	N/A
NORTHBOUND	57	N/		469		N/A		0	N/A
SOUTHBOUND	141	N/	<b>A</b> 1	N/A		357		N/A	N/A
	EAST-WEST CRI						103 61	_	
	THE SUM OF C	THE SUM OF CRITICAL VOLUMES						1	
•	NUMBER OF CR	ITICAL (	LEARANCE	INTER	VALS	3		2	
	CMA VALUE						1.02	:4	
	LEVEL OF SER	VICE			• • •			F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

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INTERSECTION:25, LINDBROOK DRIVE AND HILGARD AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				* 1		IGHT TURNS			
	LEFT		THROUGH	M	IN ON GR	een ma	AX ON RED		
WESTBOUND	0		128		45		=		
EASTBOUND	0		0		0		0		
NORTHBOUND	0		538		0		165		
SOUTHBOUND	52		764		0		0		
** NUMBER OF LANES **									
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL		
AFFROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES		
WESTBOUND	0	0	0	0	0	1	1		
EASTBOUND	o o	Õ	Ô	0	0	0	0		
NORTHBOUND	Ö	Ŏ	1	0	1	0	2		
SOUTHBOUND	ŏ	1	ō	0	0	0	1		
		** 766	IGNED LAN	re votum	FC **				
		** ASS	TOMED TWO	E AOTOM	<b>6</b> 3				
APPROACH	LEFT	LEF			RIGHT	RIGHT	L/T/R		
	ONLY	SHAR	ed on	1LY	SHARED	ONLY	SHARED		
WESTBOUND	N/A	N/.	-	1/A	N/A	N/A	173		
EASTBOUND	N/A	N/	•	I/A	N/A	N/A	N/A		
NORTHBOUND	N/A	N/.		538	N/A	.0	N/A		
SOUTHBOUND	N/A	81	6 1	I/A	N/A	N/A	N/A		
	EAST-WEST CRI	TICAL V	OLUMES .			173			
	NORTH-SOUTH	RITICAL	VOLUMES			816			
	MOMENT DOOLS								
	THE SUM OF C	RITICAL	VOLUMES		• • • • • • •	989			
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	als	0*			
	CMA VALUE					0.659			
	LEVEL OF SER	VICE				В			

Capacity assumed = 1500.

INTERSECTION:26, WILSHIRE BOULEVARD AND SEPULVEDA BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

				**		IGHT TURNS	; **
APPROACH			THROUGH		N ON GR		X ON RED
	LEFT		3761	PII	298	1214 12	0
WESTBOUND	386		3255		266		Ö
EASTBOUND	255		3233 792		264		Ö
NORTHBOUND	181		328 82				ŏ
SOUTHBOUND	90		320		02		Ū
		**	NUMBER	OF LANES	3 **		
* DDDO*CII	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
MEGERALINE.	2	0	3	1	0	0	6
WESTBOUND	1	0	3	ī	Ö	0	5
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	1	ī	Ö	0	3
SOUTHBOOMD	+	•	-	_			
		** ASS	IGNED LAN	NE VOLUM	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
Attronen	ONLY	SHAR	ED O	NLY :	SHARED	ONLY	SHARED
WESTBOUND	212	N/2	A 10	015	1015	N/A	N/A
EASTBOUND	255	N/.	A (	880	880	N/A	n/a
NORTHBOUND	181	N/	<b>A</b> :	528	528	N/A	N/A
SOUTHBOUND	90	N/	A :	205	205	N/A	n/A
500111200112							
						1070	
	EAST-WEST CRI	TICAL V	OLUMES .	• • • • • • •	• • • • • •	1270 618	
	NORTH-SOUTH (	RITICAL	, AOTOWER				
	THE SUM OF CH	RITICAL	VOLUMES			1888	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	Ls	5	
	CMA VALUE				* * * * * *	1.303	
	LEVEL OF SERV	/ICE			• • • • • •	F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:27, WILSHIRE BOULEVARD AND VETERAN AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				*	* R	IGHT TURNS	**
AFFROACH	LEFT		THROUGH	M:	IN ON GR	een ma	XX ON RED
WESTBOUND	95		3182		75		0
EASTBOUND	389		3358		162		0
NORTHBOUND	297		724		84		74
SOUTHBOUND	76		358		892		214
		**	NUMBER	OF LANE	s **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	1	1	0	4
		** ASS	IGNED LAN	E VOLUM	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
AL I NOTION	ONLY	SHAR	ED ON	1LY	SHARED	ONLY	SHARED
WESTBOUND	52	N/.	A 8	314	814	N/A	N/A
EASTBOUND	214	N/.	Α (	380	880	N/A	N/A
NORTHBOUND	297	N/.	A 3	362	N/A	84	N/A
SOUTHBOUND	76	N/	A :	358	n/A	446	n/a
	EAST-WEST CRI					1028 743	
	THE SUM OF C	RITICAL	VOLUMES		• • • • • •	1771	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					1.173	
	LEVEL OF SER	/ICE	• • • • • • •			F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:28, WILSHIRE BOULEVARD AND GAYLEY AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

3.00003.0U				**	R	IGHT TURNS	3 **
APPROACH	LEFT		THROUGH	MI	N ON GR		AX ON RED
WESTBOUND	39		2253		125		0
EASTBOUND	5 <b>4</b> 1		2825		116		0
NORTHBOUND	96		405		17		78
SOUTHBOUND	122		296		312		596
500111500115							
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	LATOT
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	3	1	0	0	5
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	0	2	0	4
		** ASS	igned Lan	E VOLUME	:s **		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
111 2 1,01 1011	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	39	N/.	A 5	94	594	N/A	N/A
EASTBOUND	298	N/.	A 7	735	735	N/A	A\N
NORTHBOUND	96	N/	A 2	202	N/A	17	N/A
SOUTHBOUND	122	N/	A 2	296	N/A	156	N/A
	EAST-WEST CRI	TTICAL V	OLUMES .			892	
	NORTH-SOUTH					392 	
	THE SUM OF C	RITICAL	VOLUMES			1284	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.831	
	LEVEL OF SER	VICE	• • • • • • • •	• • • • • • •		D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:29, WILSHIRE BOULEVARD AND WESTWOOD BOULEVARD

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	R	IGHT TURNS	s **
	LEFT		THROUGH	MI	N ON GR	een M	XX ON RED
WESTBOUND	193		1922		158		0
EASTBOUND	496		2530		214		0
NORTHBOUND	168		969		293		0
SOUTHBOUND	154		897		178		273
		**	NUMBER	OF LANES	**		
APPROACH	1.EFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFFROACII	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	1	0	0	4
SOUTHBOUND	1	0	3	0	1	0	5
		** ASS	IGNED LAN	E VOLUME	s **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	106	N/2	A. 5	20	520	N/A	N/A
EASTBOUND	273	N/:	A 6	586	686	N/A	N/A
NORTHBOUND	168	N/.	A 4	121	421	N/A	N/A
SOUTHBOUND	154	N/.	A 2	299	N/A	178	N/A
	EAST-WEST CRI					793 575	
	NORTH-SOUTH (	KILICME	VOLUMES		••••		
	THE SUM OF C	RITICAL	VOLUMES .			1368	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVAL	.s	4	
	CMA VALUE					0.925	
	LEVEL OF SER	VICE	• • • • • • •			E	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:30, WILSHIRE BOULEVARD AND GLENDON AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	R	IGHT TURNS	3 **
APPROACH	LEFT		THROUGH	MI	N ON GR	EEN MA	XX ON RED
WESTBOUND	132		2003		274		0
EASTBOUND	320		2679		69		0
NORTHBOUND	98		109		57		0
SOUTHBOUND	239		172		215		125
		**	MIMBED	OF LANES	**		
			HOPIDEIX	01 1111111			
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
ALLWOACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	3	1	0	0	5
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	1	0	1	0	2	0	4
					re **		
		** ASS	IGNED LAN	NE VOLUME	55 **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
Arrioach	ONLY	SHAR	ED O	ILY S	SHARED	ONLY	SHARED
WESTBOUND	132	N/	A :	569	569	N/A	N/A
EASTBOUND	176	N/.	A (	587	687	N/A	N/A
NORTHBOUND	n/a	N/	A I	A/N	N/A	N/A	264
SOUTHBOUND	239	N/	A :	172	N/A	108	n/A
	EAST-WEST CRI	TICAL V	OLUMES .			819	
	NORTH-SOUTH C	RITICAL	VOLUMES			503	
	<b></b>					1322	
	THE SUM OF CF	RITICAL	VOLUMES	• • • • • • •		1322	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.858	
	LEVEL OF SERV	/ICE			• • • • • •	D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:31, WILSHIRE BOULEVARD AND SELBY AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

		÷					**
APPROACH				**		IGHT TURNS	•
	LEFT		THROUGH	MI	N ON GRI	een ma	X ON RED
WESTBOUND	57		2480		68		75
EASTBOUND	29		2686		0		75 0
NORTHBOUND	53		57		102		_
SOUTHBOUND	142		48		0		16
		**	MUMBED	OF LANES	**		
		2.4	MOPIDER	OF TRAILE	,		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
APPROACH	ONLY	SHARED		SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	Ö	3	0	1	0	5
NORTHBOUND	0	Õ	0	0	0	1	1
SOUTHBOUND	Õ	1	0	0	1	0	2
SOUTHBOOKE	•						
		** ASS	IGNED LAN	IE VOLUMI	ES **		
* DDDOXCH	LEFT	LEF	ጥ ጥዘጽር	OUGH	RIGHT	RIGHT	L/T/R
APPROACH	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	57	N/	<del>-</del> -	349	849	N/A	N/A
EASTBOUND	29	N/		395	N/A	0	N/A
NORTHBOUND	N/A	N/		A\N	N/A	N/A	212
SOUTHBOUND	N/A	19		A\n	N/A	0	N/A
SOUTHBOOKD	И/А			,			
	EAST-WEST CR	FMT/037 1	OT HMPC			952	
	NORTH-SOUTH	CTICAL V	OLUMBS .			354	
	NORTH-SOUTH	CKTIIONI	, ACHOPHIS	* * * * * * * *	••••		
	THE SUM OF C	RITICAL	VOLUMES			1306	
						_	
	NUMBER OF CR	ITICAL O	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.801	
	LEVEL OF SER	VICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:32, WILSHIRE BOULEVARD AND WESTHOLME AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				*	* R	GHT TURNS	
AFFROACH	LEFT		THROUGH	M.	IN ON GRI	een ma	X ON RED
WESTBOUND	54		2568		71		0
EASTBOUND	63		2792		17		22
NORTHBOUND	43		79		76		0
SOUTHBOUND	123		166		30		0
BOOTHEOUNE	-,						
		**	NUMBER	OF LANE	S **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	0	3	0	1	0	5
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	IGNED LAI	1E VOLUM	ES **		
APPROACH	LEFT	LEF	r Thro	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR		MLY	SHARED	ONLY	SHARED
WESTBOUND	5 <b>4</b>	N/	• •	380	880	N/A	N/A
EASTBOUND	63	N/.	• -	931	N/A	17	N/A
NORTHBOUND	n/A	N/	<b>A</b> 1	A\N	N/A	N/A	198
SOUTHBOUND	N/A	N/	A :	N/A	N/A	N/A	319
						985	
	EAST-WEST CRI	TICAL V	OLUMES			362	
	NORTH-SOUTH C	RITICAL	AOTOWES				
	THE SUM OF CR	RITICAL	VOLUMES	•••••		1347	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERV	ALS	3	
	CMA VALUE					0.875	
	LEVEL OF SERV	/ICE		• • • • • •	• • • • • • •	D	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:33, WILSHIRE BOULEVARD AND WARNER AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

* D D D O <b>*</b> C U				* *	* R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	M	IN ON GR	een ma	X ON RED
WESTBOUND	35		2337		46		0
EASTBOUND	80		2675		40		0
NORTHBOUND	62		109		4		18
SOUTHBOUND	71		70		0		45
		**	NUMBER	OF LANE	S **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	0	2	1	0	0	4
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	1	0	1	0	1	0	3
		** ASS	IGNED LA	ME VOLUM	ES **		
APPROACH	LEFT	LEF	r THR	OUGH	RIGHT	RIGHT	L/T/R
ALLMONON	ONLY	SHAR	ED O	NLY	SHARED	ONLY	SHARED
WESTBOUND	35	N/	A. '	794	794	N/A	N/A
EASTBOUND	80	N/.	A.	905	905	N/A	N/A
NORTHBOUND	62	N/.	A	109	N/A	4	N/A
SOUTHBOUND	71	N/	A	70	N/A	0	N/A
	EAST-WEST CRI	TICAL V	OLUMES .			940	
	NORTH-SOUTH	CRITICAL	VOLUMES			180	
	THE SUM OF CE	ታጥፐሮል፣.	VOLUMES	<b></b>		1120	
	THE SOM OF CE	/T1T00111	10201120				
	NUMBER OF CR	TICAL C	LEARANCE	INTERV	ALS	3	
	CMA VALUE	<i></i>				0.716	
	LEVEL OF SERV	VICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:34, WELLWORTH AVENUE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

				**	· R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	мт	N ON GR		X ON RED
************	302		152	1.77	61		0
WESTBOUND	21		67		73		0
EASTBOUND	53		1283		82		Ō
NORTHBOUND	53 67		1318		67		Ō
SOUTHBOUND	07		1310		•		
		**	NUMBER	OF LANES	; **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
ALLMOACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	ī	0	1	1	0	0	3
		** ASS	IGNED LAN	IE VOLUME	ES **		
APPROACH	LEFT	LEF	r Thro	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED OI	1LY S	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/I	A 1	I/A	N/A	N/A	515
EASTBOUND	n/A	N/2	A I	A/N	N/A	N/A	161
NORTHBOUND	53	N/X	A. (	582	682	N/A	N/A
SOUTHBOUND	67	N/X	A. (	692	692	N/A	N/A
			ozin <i>ma</i>			536	
	EAST-WEST CRI					749	
	NORTH-SOUTH C	KITICAL	AOTOMES				
	THE SUM OF CF	RITICAL	VOLUMES			1285	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE			• • • • • • •		0.787	
	LEVEL OF SERV	/ICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:35, OHIO AVENUE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

APPROACH				**	F	RIGHT TURN:	3 **
711 2 1 (01 (01)	LEFT		THROUGH	MI	N ON GE		AX ON RED
WESTBOUND	76		293		52		0
EASTBOUND	180		387		19		54
NORTHBOUND	107		1171		5 <b>4</b>		0
SOUTHBOUND	60		1422		245		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	0	1	0	1	0	3
NORTHBOUND		0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** VGG.			'C **		
		** ASS.	IGNED LAN	NE VOLUME	iS * *		
APPROACH	LEFT	LEF.	r Thro	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	NLY S	HARED	ONLY	SHARED
WESTBOUND	76	N/Z	A N	1/A	345	N/A	N/A
EASTBOUND	180	N/Z		387	N/A	19	N/A
NORTHBOUND	107	N/1	A (	512	612	N/A	N/A
SOUTHBOUND	60	N/2	Α (	334	834	N/A	N/A
	EAST-WEST CR	መተርል፣. ህ	OLUMES			525	
	NORTH-SOUTH					941	
	THE SUM OF C	RITICAL '	VOLUMES .	· · · · · · · · · ·	• • • • • •	1466	
	NUMBER OF CR	TTICAL C	LEARANCE	INTERVAL	s	2	
	CMA VALUE					0.907	
	LEVEL OF SERV	TCE				E	
						_	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

INTERSECTION:36, SANTA MONICA BOULEVARD AND WESTWOOD BOULEVARD

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT

#### \*\* INPUT VOLUMES \*\*

APPROACH				**		IGHT TURNS	** X ON RED
	LEFT		THROUGH	MI	N ON GR	CEM MA	56
WESTBOUND	170		1868		392		68
EASTBOUND	217		2399		48		0
NORTHBOUND	126		1079		88		-
SOUTHBOUND	111		1115		37		136
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
	2	0	3	0	1	0	6
WESTBOUND	2	0	3	Ö	1	0	6
EASTBOUND		1	1	1	ō	0	3
NORTHBOUND	0	0	2	Ō	1	n	4
SOUTHBOUND	1	U	Z	· ·	-	ŭ	-
		** ASS	IGNED LAN	E VOLUME	ls **		
a nonca cu	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
APPROACH	ONLY	SHAR	_		HARED	ONLY	SHARED
WESTBOUND	94	N/		523	N/A	392	N/A
	119	N/	-	300	N/A	48	N/A
EASTBOUND	126	N/		584	584	N/A	N/A
NORTHBOUND	111	N/		558	N/A	37	A\N
SOUTHBOUND	111	747	Α `	330			
	EAST-WEST CR	TICAL V	OLUMES .			894	
	NORTH-SOUTH (	CRITICAL	VOLUMES			695	
	THE SUM OF C	RITICAL	VOLUMES			1589	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	4	
	CMA VALUE					1.086	
	LEVEL OF SER	VICE				F	

<sup>\*</sup> Includes CMA value decreased due to ATSAC Implementation.

Palazzo\August '02\Supermarket Project.xls, Worksheet: Total, Row: 217 8/12/2002 9:53:39 AM

INTERSECTION:1, SUNSET BOULEVARD AND VETERAN AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**	R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	317		1102		0		0
EASTBOUND	0		2125		378		0
NORTHBOUND	65		0		66		158
SOUTHBOUND	0		0		0		0
POOTUDOOND	•						
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT		TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	0	0	0	3
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	1	0	0	0	1	0	2
SOUTHBOUND	0	0	0	0	0	0	0
		** \$95°	TONED IA	NE VOLUME	ts **		
		ADD.	LONDO MI				
APPROACH	LEFT	LEF'	r THR	OUGH	RIGHT	RIGHT	L/T/R
AFFROACII	ONLY	SHAR	<del></del> '	NLY S	HARED	ONLY	SHARED
WESTBOUND	317	N/1	A.	551	N/A	N/A	N/A
EASTBOUND	N/A	N/	A 1	252	1252	A\N	N/A
NORTHBOUND	65	N/.	A.	N/A	N/A	66	N/A
SOUTHBOUND	N/A	N/.	A	N/A	N/A	N/A	N/A
	EAST-WEST CRI	TICAL V	OLUMES .			1569	
	NORTH-SOUTH					66 <b>-</b>	
	THE SUM OF C	RITICAL	VOLUMES			1635	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					1.047	
						F	
	LEVEL OF SER	ATCE	• • • • • • •	• • • • • • • •	• • • • • •	E	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION: 5, MONTANA BOULEVARD/GAYLEY AVENUE AND VETERAN AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**	R	IGHT TURNS	**
AFFROACH	LEFT		THROUGH	MI	N ON GR	EEN MA	X ON RED
WESTBOUND	13		112		42		0
EASTBOUND	118		786		49		0
NORTHBOUND	96		341		34		0
SOUTHBOUND	134		429		37		0
500111200112							
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
1022110111	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	IGNED LAN	E VOLUME	S **		
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
711 2 1 102 1021	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	N/A	N/	A N	I/A	N/A	N/A	167
EASTBOUND	N/A	N/	A N	I/A	N/A	N/A	953
NORTHBOUND	N/A	N/	A N	I/A	N/A	N/A	471
SOUTHBOUND	N/A	N/	A N	I/A	N/A	N/A	600
	EAST-WEST CRI					966	
	NORTH-SOUTH C	CRITICAL	VOLUMES	• • • • • • •		696	
	THE SUM OF CE	RITICAL	VOLUMES .			1662	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVAL	LS	2	
	CMA VALUE					1.008	
	LEVEL OF SERV	/ICE	• • • • • • •			F	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION:13, WEYBURN AVENUE AND GAYLEY AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**	: 1	RIGHT TURNS	5 **
APPROACH	LEFT		THROUGH	мі	N ON G	REEN M	AX ON RED
WESTBOUND	44		107		40		0
EASTBOUND	411		266		67		0
NORTHBOUND	81		781		158		0
SOUTHBOUND	36		380		218		0
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY		LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAI	NE VOLUMI	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED O	NLY :	SHARED	ONLY	SHARED
WESTBOUND	n/A	8	1 1	A/N	110	N/A	N/A
EASTBOUND	411	N/	• •	A\N	333	N/A	N/A
NORTHBOUND	81	N/	A ·	470	470	N/A	N/A
SOUTHBOUND	36	N/	A :	299	299	N/A	N/A
						501	
	EAST-WEST CRI						
	NORTH-SOUTH	CRITICAL	AOPOMES	• • • • • •			
	THE SUM OF C	RITICAL	VOLUMES			1027	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	. 2	
	CMA VALUE					0.585	
	LEVEL OF SER	VICE				. A	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION:14, WEYBURN AVENUE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**	R	IGHT TURNS		
112 2 1 (01 10)	LEFT		THROUGH	MI	N ON GR	EEN MA	X ON RED	
WESTBOUND	65		106		41		0	
EASTBOUND	69		147		46		0	
NORTHBOUND	68		1114		34		0	
SOUTHBOUND	18		368		0		38	
		**	NUMBER	OF LANES	**			
* D D D O \$ CU	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL	
APPROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES	
WESTBOUND	0	1	0	1	0	0	2	
FASTBOUND	0	1	Ŏ	1	0	0	2	
NORTHBOUND	1	0	í	ī	0	0	3	
SOUTHBOUND	0	1	- 1	0	1	0	3	
DOUTHDOOM	-							
		** ASS	IGNED LA	NE VOLUMI	ES **			
APPROACH	LEFT	LEF	T THR	DUGH	RIGHT	RIGHT	L/T/R	
AFFROACH	ONLY	SHAR	ED O	VLY :	SHARED	ONLY	SHARED	
WESTBOUND	N/A	10	6 1	A\r	106	N/A	n/a	
EASTBOUND	N/A	13	1 :	N/A	131	N/A	N/A	
NORTHBOUND	68	N/	A	574	574	N/A	N/A	
SOUTHBOUND	N/A	15	0	236	N/A	0	N/A	
	EAST-WEST CR	TICAL V	OLUMES .			196		
	NORTH-SOUTH (	CRITICAL	VOLUMES		• • • • • •	592		
	THE SUM OF C	RITICAL	VOLUMES			788		
	NUMBER OF CR	NUMBER OF CRITICAL CLEARANCE INTERVALS						
	CMA VALUE					0.425		
	LEVEL OF SER	VICE			• • • • • •	A		

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION: 17, WEYBURN AVENUE AND HILGARD AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**	· R	GHT TURNS	
ALTROHOL	LEFT		THROUGH	MI	in on Gri	een ma	X ON RED
WESTBOUND	4		41		34		0
EASTBOUND	61		17		47		0
NORTHBOUND	23		544		11		0
SOUTHBOUND	13		341		80		0
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFFROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF	THRO	UGH	RIGHT	RIGHT	L/T/R
AFFROACH	ONLY	SHAR	ED ON	1LY	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/.	A I	I/A	N/A	N/A	79
EASTBOUND	N/A	N/		I/A	N/A	N/A	125
NORTHBOUND	n/A	N/	A I	I/A	N/A	N/A	578
SOUTHBOUND	n/a	n/	A l	1/A	N/A	n/A	434
	EAST-WEST CRI	TICAL V	OLUMES .			140 591	
	NORTH-SOUTH C	'YTIICHI	1 VODOMED				
	THE SUM OF CE	RITICAL	VOLUMES			731	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	ALS	2	
	CMA VALUE					0.390	
	LEVEL OF SER	VICE				A	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION:24, LINDBROOK DRIVE AND GLENDON AVENUE/TIVERTON AVENUE

DATE: 12/30/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

#### \*\* INPUT VOLUMES \*\*

7 DDD07 CU	•			**	R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GR		X ON RED
WESTBOUND	67		312		187		0
EASTBOUND	101		394		15		0
NORTHBOUND	96		604		363	34	
SOUTHBOUND	65		140		10		0
		**	MANDED	OF LANES	: **		
			NUMBER	OR THINES	,		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	1	0	0	1	0	0	2
		** 100	IGNED LAN	ובי ערו זאו	7C **		
		nn Aoo	IGNED TWI	IE AODOM	30		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR			SHARED	ONLY	SHARED
WESTBOUND	67	N/	A 2	250	250	N/A	N/A
EASTBOUND	101	N/		I/A	409	N/A	N/A
NORTHBOUND	96	N/	A (	604	N/A	363	N/A
SOUTHBOUND	65	N/	A I	N/A	150	N/A	. N/A
					•		
	EAST-WEST CRI	TICAL V	OLUMES .			476	
	NORTH-SOUTH C	CRITICAL	VOLUMES		• • • • • •	669	
	THE SUM OF CE	RITICAL	VOLUMES			1145	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE			• • • • • • •		0.663	
	LEVEL OF SER	VICE				В	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

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INTERSECTION:26, WILSHIRE BOULEVARD AND SEPULVEDA BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**	· P	IGHT TURNS	5 **
APPROACH	LEFT		THROUGH	мі	N ON GR	EEN M	AX ON RED
WESTBOUND	147		3678		69		0
EASTBOUND	63		3693		203		0
NORTHBOUND	226		286		256		0
SOUTHBOUND	259		682		233		0
BOOTHBOOKB							
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	1	0	3	1	0	0	5
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** ASS	IGNED LAN	E VOLUMI	es **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
711 1 1011011	ONLY	SHAR	ED O	ILY S	SHARED	ONLY	SHARED
WESTBOUND	81	N/.	A. 9	937	937	N/A	N/A
EASTBOUND	63	N/.	A 9	974	974	N/A	N/A
NORTHBOUND	226	N/.	A 2	2 <b>71</b>	271	N/A	N/A
SOUTHBOUND	259	N/	A 4	158	458	N/A	N/A
	EAST-WEST CRI					1055 684	
	THE SUM OF CF	RITICAL	VOLUMES			1739	
	NUMBER OF CRI	TICAL C	LEARANCE	INTERVA	LS	5	
	CMA VALUE				• • • • • •	1.165	
	LEVEL OF SERV	/ICE	• • • • • • •			F	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION:27, WILSHIRE BOULEVARD AND VETERAN AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**	R	IGHT TURNS	**
AFFROAGI	LEFT		THROUGH	MI	n on gr	een ma	X ON RED
WESTBOUND	102		2609		42		0
EASTBOUND	368		4197		206		0
NORTHBOUND	106		558		222		28
SOUTHBOUND	288		288		316		202
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
711 1 11011011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	Ō	3	1	0	0	6
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	1	1	0	4
		** ASS	IGNED LAN	E VOLUME	S **		
APPROACH	LEFT	LEF	T THRO	UGH	RIGHT	RIGHT	L/T/R
AFFROACH	ONLY	SHAR		ILY S	HARED	ONLY	SHARED
WESTBOUND	56	N/	A (	563	663	N/A	N/A
EASTBOUND	202	N/		101	1101	N/A	N/A
NORTHBOUND	106	N/	A 2	279	N/A	222	N/A
SOUTHBOUND	288	n/	A 2	201	201	201	N/A
	EAST-WEST CR	ITICAL V	OLUMES .			1157	
	NORTH-SOUTH					567	
	THE SUM OF C	RITICAL	VOLUMES			1724	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					1.110	
	LEVEL OF SER	VICE				F	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION:29, WILSHIRE BOULEVARD AND WESTWOOD BOULEVARD

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

#### \*\* INPUT VOLUMES \*\*

APPROACH				**	R	IGHT TURNS	**
AFFROACH	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	168		2265		133		0
EASTBOUND	547		2422		157		0
NORTHBOUND	109		797		140		0
SOUTHBOUND	63		329		0		249
<b></b>							
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
*	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	O	2	1	0	0	4
SOUTHBOUND	1	0	3	0	1	0	5
		** 255	TCNED IA	NE VOLUME	'Q **		
		" ASS	IGNED IM	ME VODOME			
APPROACH	LEFT	LEF	יי ייודע	OUGH	RIGHT	RIGHT	L/T/R
APPROACH	ONLY	SHAR		-	HARED	ONLY	SHARED
WESTBOUND	92	N/		600	600	N/A	N/A
EASTBOUND	301	N/	A	645	645	N/A	N/A
NORTHBOUND	109	N/		312	312	N/A	N/A
SOUTHBOUND	63	N/	A	110	N/A	0	n/A
000111200112							
	EAST-WEST CR	ITICAL V	OLUMES .			901	
	NORTH-SOUTH	CRITICAL	VOLUMES			375	
	THE SUM OF C	RITICAL	VOLUMES			1276	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	4	
	CMA VALUE					0.828	
	CPER VALUE				<del>-</del>		
	LEVEL OF SER	VICE	• • • • • • •	• • • • • • • •		D	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

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INTERSECTION:30, WILSHIRE BOULEVARD AND GLENDON AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

#### \*\* INPUT VOLUMES \*\*

APPROACH				**	R	IGHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GR	een Ma	X ON RED
WESTBOUND	79		2325		239		0
EASTBOUND	351		1954		226		0
NORTHBOUND	20		131		0		16
SOUTHBOUND	82		53		15		96
0001111							
		**	NUMBER	OF LANES	3 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFFROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	3	1	0	0	5
EASTBOUND	$\overline{2}$	0	3	1	0	0	6
NORTHBOUND	0	1	0	0	1	0	2
SOUTHBOUND	1	0	1	0	2	0	4
DOGINDOGNE	_						
		** ASS	IGNED LAN	NE VOLUM	ES **		
APPROACH	LEFT	LEF*	T THRO	OUGH	RIGHT	RIGHT	L/T/R
ALLMANON	ONLY	SHAR	ED O	NLY :	SHARED	ONLY	SHARED
WESTBOUND	79	N/	A. (	641	641	N/A	N/A
EASTBOUND	193	N/	<b>A</b> :	545	545	N/A	N/A
NORTHBOUND	N/A	15	1 1	N/A	N/A	0	N/A
SOUTHBOUND	82	N/	A	53	n/a	8	n/A
5001125							
	EAST-WEST CRI	TICAL V	OLUMES .		• • • • • • •	834	
	NORTH-SOUTH (	RITICAL	VOLUMES	• • • • • •	• • • • • •	233	
						1067	
	THE SUM OF C	RITICAL	VOLUMES	• • • • • • •	• • • • • • •	1067	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					0.649	
	LEVEL OF SER	VICE				В	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

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INTERSECTION:35, OHIO AVENUE AND WESTWOOD BOULEVARD

DATE: 8/12/2002 INITIALS: RRH PERIOD: AM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

#### \*\* INPUT VOLUMES \*\*

APPROACH WESTBOUND EASTBOUND NORTHBOUND SOUTHBOUND	LEFT 76 212 85 27		THROUGH 353 336 1310 558	** IM	R: N ON GR: 44 0 30 79	IGHT TURNS EEN MA	** X ON RED 0 83 0 0
200111200112	<b>.</b>	**	NUMBER	OF LANES	**		
			HOLDER	01 11111			
APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY 0	RIGHT SHARED 1	RIGHT ONLY 0	L/T/R SHARED 0	TOTAL LANES 2
WESTBOUND	1	0	1	0	1	Ö	3
EASTBOUND	1 1	0	1	1	Ô	Ö	3
NORTHBOUND SOUTHBOUND	1	0	1	1	Ö	0	3
SOUTHBOUND	_	Ū	<del>-</del>	-			
		** ASS	igned Lai	NE VOLUME	ES **		
APPROACH	LEFT ONLY	LEF SHAR		OUGH	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
WESTBOUND	76	N/	A I	A/k	397	N/A	N/A
EASTBOUND	212	N/	A	336	N/A	0	N/A
NORTHBOUND	85	N/	A	670	670	N/A	N/A
SOUTHBOUND	27	n/	A	318	318	n/A	N/A
	EAST-WEST CRI	TICAL V CRITICAL	OLUMES . VOLUMES	• • • • • • •	• • • • • • •	609 697	
	THE SUM OF C	RITICAL	VOLUMES			1306	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE	. <i>.</i>				0.771	
	LEVEL OF SER	VICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

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INTERSECTION:1, SUNSET BOULEVARD AND VETERAN AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

#### \*\* INPUT VOLUMES \*\*

APPROACH WESTBOUND EASTBOUND NORTHBOUND SOUTHBOUND	LEFT 262 0 329 0		THROUGH 1723 1464 0 0	**	_	IGHT TURNS EEN MA	** X ON RED 0 0 131 0
		**	NUMBER	OF LANES	**		
APPROACH WESTBOUND EASTBOUND NORTHBOUND SOUTHBOUND	LEFT ONLY 1 0 1	LEFT SHARED 0 0 0	THROUGH ONLY 2 1 0	RIGHT SHARED 0 1 0	RIGHT ONLY 0 0 1	L/T/R SHARED 0 0 0 0	TOTAL LANES 3 2 2 0
500111500115		** <i>V66.</i>	TCNED T.A	NE VOLUME	s **		
APPROACH WESTBOUND EASTBOUND NORTHBOUND SOUTHBOUND	LEFT ONLY 262 N/A 329 N/A	LEF SHAR N/I N/I N/I	T THR ED O A A A	OUGH	RIGHT HARED N/A 825 N/A N/A	RIGHT ONLY N/A N/A 255 N/A	L/T/R SHARED N/A N/A N/A
	EAST-WEST CRI	TICAL V	OLUMES . VOLUMES			1087 329	
	THE SUM OF C	RITICAL	VOLUMES			1416	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	.s	3	
	CMA VALUE	<i>.</i>				0.894	
	LEVEL OF SER	VICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

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INTERSECTION:2, SUNSET BOULEVARD AND HILGARD AVENUE/COPA DE ORO ROAD DATE: 10/8/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

#### \*\* INPUT VOLUMES \*\*

APPROACH				**	R	IGHT TURNS	3 **
	LEFT		THROUGH	MI	n on gr	een ma	XX ON RED
WESTBOUND	353		1291		22		0
EASTBOUND	20		1153 421				0
NORTHBOUND	324		71 272				176
SOUTHBOUND	18		62		11		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	0	0	1	1	3
SOUTHBOUND	0	0	0	0	0	1	1
		** ASS	igned Lan	E VOLUME	LS **		
APPROACH	LEFT	LEF	r THRO	OUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED
WESTBOUND	353	N/2	•	556	656	N/A	N/A
EASTBOUND	20	N/I		787	787	N/A	N/A
NORTHBOUND	222	N/2		I/A	N/A	222	222
SOUTHBOUND	N/A	N/X	A 1	1/A	n/a	N/A	91
	EAST-WEST CRI					1140	
	NORTH-SOUTH (	RITICAL	VOLUMES	• • • • • • •		313	
	THE SUM OF C	RITICAL	VOLUMES			1453	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVAI	is	4*	
	CMA VALUE					0.957	
	LEVEL OF SERV	JICE		• • • • • • •		E	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

Northbound and Southbound approaches have opposed signal phases.

INTERSECTION:5, MONTANA BOULEVARD/GAYLEY AVENUE AND VETERAN AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**	R	IGHT TURNS	**
APPROACE	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	32		666		263		0
EASTBOUND	53		278		63		0
NORTHBOUND	118		404		61		0
SOUTHBOUND	97		453		85		0
		**	NUMBER	OF LANES	**		
		* 555	THROUGH	RIGHT	DT CUT	L/T/R	TOTAL
APPROACH	LEFT	LEFT	ONLY	SHARED	ONLY	SHARED	LANES
	ONLY 0	SHARED 0	0	0	0	1	1
WESTBOUND	0	0	0	Õ	0	- 1	1
EASTBOUND	· · · · · · · · · · · · · · · · · · ·	0	0	0	Ö	1	1
NORTHBOUND	0	0	o o	0	0	ī	1
SOUTHBOUND	0	v	v	Ū	•		
		** ASS	IGNED LAN	IE VOLUMI	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
THE ENGLISH	ONLY	SHAR	ED O	1TA :	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/	A l	N/A	N/A	N/A	961
EASTBOUND	N/A	N/	A I	A/A	N/A	N/A	394
NORTHBOUND	N/A	N/	A I	A/A	N/A	N/A	583
SOUTHBOUND	N/A	N/	A I	A\n	N/A	N/A	635
	EAST-WEST CRI	TICAL V	OLUMES .			1014	
	NORTH-SOUTH C	RITICAL	, VOLUMES			753	
	THE SUM OF CE	RITICAL	VOLUMES			1767	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					1.078	
	LEVEL OF SERV	VICE			• • • • • •	F	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION:11, LE CONTE AVENUE AND HILGARD AVENUE
DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR
CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

#### \*\* INPUT VOLUMES \*\*

APPROACH				**	112	GHT TURNS	
	LEFT		THROUGH	MI	n on gri	een ma	X ON RED
WESTBOUND	16		97		33		0
EASTBOUND	454		131		0		176
NORTHBOUND	48		772		33		0
SOUTHBOUND	20		599		126		292
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
ALL I NOTION	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	0	1	0	0	2
EASTBOUND	1	1	0	0	1	0	3
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	1	1	0	1	0	3
		** ASS	IGNED LAN	IE VOLUME	IS **		
APPROACH	LEFT	LEF			RIGHT	RIGHT	L/T/R
	ONLY	SHAR			HARED	ONLY	SHARED
WESTBOUND	16	N/		I/A	130	N/A	N/A
EASTBOUND	292	29	_	I/A	N/A	0	N/A
NORTHBOUND		N/		I/A	N/A	N/A	853
SOUTHBOUND	N/A	27	9	340	N/A	126	N/A
	EAST-WEST CRI	TTCAT, V	OLUMES			422	
	NORTH-SOUTH					873	
	THE SUM OF C	RITICAL	VOLUMES			1295	
	NUMBER OF CRI	ITICAL C	LEARANCE	INTERVAL	LS	3*	
	CMA VALUE		• • • • • • •			0.809	
	LEVEL OF SERV	VICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

Eastbound and Westbound approaches have opposed signal phases.

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INTERSECTION:13, WEYBURN AVENUE AND GAYLEY AVENUE

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

***************************************				**	R	GHT TURNS	**
APPROACH	LEFT		THROUGH	MI	N ON GR		X ON RED
WESTBOUND	125		263		118		0
EASTBOUND	205		274		77		0
NORTHBOUND	113		737		201		0
SOUTHBOUND	119	923 57					0
DOGTHEOGHE							
		**	NUMBER	OF LANES	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
ALL ROLLON	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	0	1	0	1	0	0	2
EASTBOUND	0	1	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
					FC **		
		** ASS	IGNED LAN	IE ACTOM	85 °°		
APPROACH	LEFT	LEF	THRO	OUGH	RIGHT	RIGHT	L/T/R
APPROACH	ONLY	SHAR		1TA	SHARED	ONLY	SHARED
WESTBOUND	N/A	20	6 1	I/A	300	N/A	N/A
FASTBOUND	205	N/	A 1	1/A	351	n/A	N/A
NORTHBOUND	113	N/	A 4	169	469	N/A	N/A
SOUTHBOUND	119	N/	A ´	750	750	N/A	N/A
20011120							
	EAST-WEST CR	TTICAL V	OLUMES .			505	
	NORTH-SOUTH	CRITICAL	VOLUMES			863	
						1260	
	THE SUM OF C	RITICAL	VOLUMES			1300	
	NUMBER OF CR	ITICAL (	CLEARANCE	INTERVA	LS	2	
	CMA VALUE					0.812	
	LEVEL OF SER	VICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION:14, WEYBURN AVENUE AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

#### \*\* INPUT VOLUMES \*\*

				**		RIGHT :	THENS	**	
APPROACH			THROUGH		N ON (			X ON RED	į
	LEFT		305	PLL.	79			0	
WESTBOUND	116		341		16			0	
EASTBOUND	102		917		71			0	
NORTHBOUND	162 34		1061		2			64	
SOUTHBOUND	34		1001		_	•			
		**	NUMBER	OF LANES	**				
	LEFT	LEFT	THROUGH	RIGHT	RIGH'	r L/	T/R	TOTAL	
APPROACH	ONLY	SHARED	ONLY	SHARED	ONL		RED	LANES	
	0	1	0	1	0	0	!	2	
WESTBOUND	0	1	0	ī	0	0	J	2	
EASTBOUND	1	Ō	1	_ 1	0	0	j	3	
NORTHBOUND	0	1	1	0	1	0	)	3	
SOUTHBOUND	· ·	-	-	_					
		** ASS	IGNED LA	NE VOLUME	ES **				
	LEFT	LEF	ጥ ጥዘጽ	OUGH	RIGHT	RIG	HT	L/T/	R
APPROACH	ONLY	SHAR			HARED	ON	ILY	SHARE	D
**************************************	N/A	16		N/A	340	N	1/A	n/A	
WESTBOUND EASTBOUND	N/A	25	_	N/A	352	N	1/A	N/A	
NORTHBOUND	162	N/	Ā	498	498	Ŋ	I/A	N/A	
SOUTHBOUND	N/A	48		615	N/A		27	n/a	
SOUTHBOOKD	M/A		•						
	EAST-WEST CR	ተመተሮአኒ ፕ	OLUMES .			. 468	8		
	NORTH-SOUTH	TACATI V	. VOLUMES			77'	7		
	MOKIU-2001U	CKITION					-		
	THE SUM OF C	RITICAL	VOLUMES			124	5		
	NUMBER OF CR	ITICAL (	CLEARANCI	E INTERVA	LS		2		
	CMA VALUE					0.73	0		
	LEVEL OF SER	VICE				- •	С		

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

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INTERSECTION:17, WEYBURN AVENUE AND HILGARD AVENUE
DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**		GHT TURNS	
112 # 11010	LEFT		THROUGH	MI	n on gr	een ma	X ON RED
WESTBOUND	14		96		25		0
EASTBOUND	159		100		123		0
NORTHBOUND	29		521		8		0
SOUTHBOUND	18		686		143		0
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	LATOT
APPROACH	ONLY	SHARED		SHARED	ONLY	SHARED	LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	ő	Ö	Ō	0	0	1	1
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	1	1
BOOTHBOOKB	-						
		** ASS	IGNED LAI	E AOTAWE	ES **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
ALLWONOM	ONLY	SHAR	ED O	4TA S	SHARED	ONLY	SHARED
WESTBOUND	N/A	N/	A J	1/A	n/A	N/A	135
EASTBOUND	N/A	N/	<b>A</b> 1	A\r	N/A	N/A	382
NORTHBOUND	N/A	N/	<b>A</b> 1	A/N	N/A	N/A	558
SOUTHBOUND	N/A	n/	A	N/A	A\N	n/A	847
0001110							
	EAST-WEST CRI	TICAL V	OLUMES .			396 876	
	NORTH-SOUTH (	CRITICAL	, VOLUMES				
	THE SUM OF C	RITICAL	VOLUMES			1272	
	NUMBER OF CR	TICAL (	LEARANCE	INTERVA	Ls	2	
	CMA VALUE					0.748	
	LEVEL OF SER	VICE				С	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION: 24, LINDBROOK DRIVE AND GLENDON AVENUE/TIVERTON AVENUE

DATE: 12/30/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**	R	IGHT TURNS	**
AFFROACH	LEFT		THROUGH	MI	N ON GR	een ma	X ON RED
WESTBOUND	362		678		180		0
EASTBOUND	192		392		61		0
NORTHBOUND	57		469		82		181
SOUTHBOUND	141		253		104		0
	•	**	NUMBER	OF LANES	; **		
		•	11012211		•		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	1	0	0	3
EASTBOUND	1	0	0	1 .	0	0	2
NORTHBOUND	1	0	1	0	1	0	3
SOUTHBOUND	1	0	0	1	0	0	2
	•				PC **		
		** ASS	IGNED LAN	IE AOTOWI	es **		
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R
ALLMONCH	ONLY	SHAR		LY :	SHARED	ONLY	SHARED
WESTBOUND	362	N/	A 4	129	429	N/A	N/A
EASTBOUND	192	N/	A I	I/A	453	N/A	N/A
NORTHBOUND	57	N/	A.	169	n/A	82	N/A
SOUTHBOUND	141	N/	A I	N/A	357	N/A	N/A
	EAST-WEST CRI	ምተ <b>ሮ</b> ልፒ. ህ	OLUMES			815	
	NORTH-SOUTH					610	
	MORTH BOOTH (	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , , , , , , , , , , , , ,				
	THE SUM OF C	RITICAL	VOLUMES			1425	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	2	
	CMA VALUE					0.850	
	LEVEL OF SER	VICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION: 26, WILSHIRE BOULEVARD AND SEPULVEDA BOULEVARD

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**	Ŕ	IGHT TURNS	**
111 111011011	LEFT		THROUGH	IM	N ON GR	EEN MA	X ON RED
WESTBOUND	386		3761		298		0
EASTBOUND	255		3255		266		0
NORTHBOUND	181		792		264		0
SOUTHBOUND	90		328		82		0
		**	NUMBER	OF LANES	<b>*</b> *		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
<b></b>	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	1	0	3	1	0	0	5
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3
		** 766	IGNED LAN	E VOLUME	es **		
		ASS.	IGNED TEN	E VOLUIII			
APPROACH	LEFT	LEF	r THRO	UGH	RIGHT	RIGHT	L/T/R
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONLY	SHAR	ED ON	ILY S	SHARED	ONLY	SHARED
WESTBOUND	212	N/	A 10	15	1015	N/A	N/A
EASTBOUND	255	N/.	Α 8	80	880	N/A	N/A
NORTHBOUND	181	N/.	A 5	28	528	N/A	N/A
SOUTHBOUND	90	N/.	A 2	205	205	N/A	N/A
	EAST-WEST CRI	·m·T ("NT \ 1/	AT TIMES			1270	
	NORTH-SOUTH					618	
	THE SUM OF C	RITICAL	VOLUMES .		• • • • • •	1888	
	NUMBER OF CR	TICAL C	LEARANCE	INTERVA	LS	5	
	CMA VALUE					1.273	
	LEVEL OF SER	VICE				F	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION:27, WILSHIRE BOULEVARD AND VETERAN AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

#### \*\* INPUT VOLUMES \*\*

APPROACH				**	R	IGHT TURNS	3 **
AFFROACH	LEFT		THROUGH	MI	N ON GR	een m	AX ON RED
WESTBOUND	95		3182		75		0
EASTBOUND	389		3358		162		0
NORTHBOUND	297		724		84		74
SOUTHBOUND	76		358		892		214
<b></b>							
		**	NUMBER	OF LANES	**		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
111 1 11011011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	1	1	1	0	4
		** ASS	IGNED LAN	NE VOLUME	.s **		
APPROACH	LEFT	LEF	T THR	DUGH	RIGHT	RIGHT	L/T/R
111 1 1 (0.101)	ONLY	SHAR	ED O	NLY S	HARED	ONLY	SHARED
WESTBOUND	52	N/		814	814	N/A	N/A
EASTBOUND	214	N/.		880	880	N/A	N/A
NORTHBOUND	297	N/.		362	N/A	84	N/A
SOUTHBOUND	76	N/	A.	358	N/A	446	N/A
	EAST-WEST CR	TICAL V	OLUMES .	• • • • • • • • • • • • • • • • • • •		1028	
	NORTH-SOUTH (	CRITICAL	VOLUMES			743	
	THE SUM OF C	RITICAL	VOLUMES	• • • • • • •		1771	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	LS	3	
	CMA VALUE					1.143	
	LEVEL OF SER	VICE				F	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

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INTERSECTION:29, WILSHIRE BOULEVARD AND WESTWOOD BOULEVARD DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**		IGHT TURNS	
THE E PROPERTY	LEFT		THROUGH	M	IN ON GR	een Mi	AX ON RED
WESTBOUND	193		1922		158		0
EASTBOUND	496		2530		214		0
NORTHBOUND	168		969		293		0
SOUTHBOUND	154		897		178		273
		**	NUMBER	OF LANE	5 **		
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
AFFROACH	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	3	1	0	0	6
EASTBOUND	2	0	3	1	0	0	6
NORTHBOUND	_ 1	0	2	1	0	0	4
SOUTHBOUND	1	0	3	0	1	0	5
D0011120011							
		** ASS	IGNED LAN	IE VOLUM	ES **		
APPROACH	LEFT	LEF	THRO	OUGH	RIGHT	RIGHT	L/T/R
AFFROAGI	ONLY	SHAR	ED O	VLY	SHARED	ONLY	SHARED
WESTBOUND	106	N/	A :	520	520	N/A	N/A
EASTBOUND	273	N/	A (	686	686	N/A	N/A
NORTHBOUND	168	N/	A ·	421	421	N/A	N/A
SOUTHBOUND	154	N/	A :	299	N/A	178	N/A
SOUTHBOOKE		•					
	EAST-WEST CR	TTTCAL V	OLUMES .			793	
	NORTH-SOUTH	CRITICAL	VOLUMES			575	
	MOKIN BOSIN	···					
	THE SUM OF C	RITICAL	VOLUMES			1368	
	NUMBER OF CR	ITICAL C	LEARANCE	INTERVA	ALS	4	
	CMA VALUE					0.895	
	LEVEL OF SER	VICE				D	

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

INTERSECTION:30, WILSHIRE BOULEVARD AND GLENDON AVENUE DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR

CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

#### \*\* INPUT VOLUMES \*\*

APPROACH				**	R.	GHT TURNS	**					
APPROACH	LEFT		THROUGH	MI	N ON GRI		X ON RED					
WESTBOUND	132		2003		274		0					
EASTBOUND	320		2679		69		0					
NORTHBOUND	98		109		0		57					
SOUTHBOUND	239	172		215			125					
D0011120011-												
** NUMBER OF LANES **												
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL					
112211011	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES					
WESTBOUND	1	0	3	1	0	0	5					
EASTBOUND	2	0	3	1	0	0	6					
NORTHBOUND	0	1	0	0	1	0	2					
SOUTHBOUND	1	0	1	0	2	0	4					
** ASSIGNED LANE VOLUMES **												
APPROACH	LEFT	LEF	r THRO	THROUGH		RIGHT	L/T/R					
AFFROACH	ONLY	SHAR	ED ON	ILY S	HARED	ONLY	SHARED					
WESTBOUND	132	N/Z	A. 5	69	569	N/A	N/A					
EASTBOUND	176	N/	A. 6	587	687	N/A	N/A					
NORTHBOUND	N/A	20	7 h	1/A	N/A	0	N/A					
SOUTHBOUND	239	N/.	A 1	172	N/A	108	n/A					
<b>2                                    </b>												
	EAST-WEST CRI		819									
	NORTH-SOUTH	446										
			1265									
	THE SUM OF CH	• • • • • •	1205									
	NUMBER OF CR	LS	3									
	CMA VALUE		0.788									
	LEVEL OF SER		С									

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

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INTERSECTION: 35, OHIO AVENUE AND WESTWOOD BOULEVARD

DATE: 8/12/2002 INITIALS: RRH PERIOD: PM PEAK HOUR CASE: FUTURE (2006) WITH "SUPERMARKET" PROJECT PLUS MITIGATION

APPROACH				**	R	IGHT TURNS	3 **					
APPROACH	LEFT		THROUGH	MI	N ON GR	een <i>ma</i>	X ON RED					
WESTBOUND	76		293		52		0					
EASTBOUND	180	387		19			54					
NORTHBOUND	107	1171		54			0					
SOUTHBOUND	60	1422		245			0					
50011121111												
** NUMBER OF LANES **												
APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL					
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES					
WESTBOUND	1	0	0	1	0	0	2					
EASTBOUND	1	0	1	0	1	0	3					
NORTHBOUND	1	0	1	1	0	0	3					
SOUTHBOUND	1	0	1	1	0	0	3					
		++ 300	TONED IN	TE VATIBUE	re **							
** ASSIGNED LANE VOLUMES **												
APPROACH	LEFT	LEF	T THRO	OUGH	RIGHT	RIGHT	L/T/R					
711 1 11011011	ONLY	SHAR	ED ON	1LY S	SHARED	ONLY	SHARED					
WESTBOUND	76	N/	A I	I/A	345	· N/A	N/A					
EASTBOUND	180	N/	А 3	387	N/A	19	N/A					
NORTHBOUND	107	N/	Α (	512	612	N/A	N/A					
SOUTHBOUND	60	n/	A E	334	834	n/A	N/A					
	EAST-WEST CRI		525									
	NORTH-SOUTH (	941										
	THE SUM OF C	1466										
	THE SUM OF CI	<b></b>										
	NUMBER OF CR	2										
	CMA VALUE	0.877										
	LEVEL OF SER	Ď										

<sup>\*</sup> Includes CMA value decreased due to ATCS Implementation.

# Crain & Associates Of Southern California

#### FAX TRANSMITTED

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December 11, 2002

Ms. Esther Tam
Department of Transportation
7166 W. Manchester Avenue
Los Angeles, California 90045

RE: Westwood Palazzo Project - Revisions/Clarifications to Traffic Studies

Dear Esther.

This letter is to provide supplemental information, in the form of minor revisions and clarifications, to the two traffic study reports currently under review by your Department for the proposed Palazzo Westwood project. The information contained herein will supersede the information contained in both the current (August 2002) reports for both the "Shopping Center" and "Supermarket" project alternatives.

The primary revision to the reports concerns the amount of parking provided for the project. As indicated in the current traffic study reports, both the "shopping center" and "supermarket" projects proposed to provide a total of 1,475 parking spaces, primarily located in a multilevel subterranean parking structure. However, recent refinements to the parking structure plans indicate that the project will now provide a total of 1,452 automobile parking spaces, plus a total of 73 bicycle spaces. Although slightly fewer than originally proposed, the 1,452 spaces will remain adequate to meet the parking requirements for either project alternative. As summarized in their respective traffic study reports, the "shopping center" project alternative would require a total of 1,429 spaces (including allowable discounts for bicycle parking), while the "supermarket" project alternative would require a total of 1,395 spaces including the bicycle discounts. Thus, sufficient parking to meet and exceed the current parking requirements will continue to be provided, and the conclusions of the traffic studies that no significant parking impacts are anticipated will remain unchanged.

In addition to this revision to both studies, a clarification of some of the language in the project description may be warranted. In the discussion of the current development on the project site, the traffic studies indicate "the site is currently occupied by a 652-seat Cinema, 42 apartment units and 24,400 square feet of specialty retail. A public surface parking lot containing a total of approximately 385 parking spaces is also located on the site. All of these uses will be removed as part of the project." It should be noted that the 24,400 square feet of retail space has now been

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demolished. However, this use (consisting of multiple shops) was in place, occupied, and operating at the time the traffic counts utilized in the study were performed in 2000 and 2001. Thus, it is appropriate that trip "credits" are allowed for these "removed" uses as indicated in the traffic analyses.

Please review the information contained in the preceding paragraphs, and incorporate it into your review of the traffic studies for the Palazzo Westwood project. As always, feel free to call me if you have any questions regarding these revisions and clarifications, or if there are any questions on the original traffic analyses.

Sincerely,

Ron Hirsch

Senior Transportation Planner

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RH C12756

Cc:

Howard Katz Greg Smith Ellen Berkowitz Laura Kaufman