

**CITY OF CALABASAS GENERAL PLAN:**

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**COMMUNITY PROFILE**

**CIRCULATION**

**May 6, 1993**

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## INTERSECTION CAPACITY UTILIZATION

Intersection Number: 1  
 North/South Roadway: Lost Hills Road  
 East/West Roadway: Highway 101 Westbound Ramps

Analysis Conditions: Existing  
 Improvements: Existing Conditions

Move- ment	FORECAST CONDITIONS					
	Lanes	Capacity	Volume		V/C Ratio	
			AM	PM	AM	PM
NBL	0	0	347	1,231	0.22 *	0.77
NBT	1	1,600	35	93	0.24	0.83 *
NBR	0	0	0	0	0.00	0.00
SBL	0	0	0	0	0.00	0.00 *
SBT	1	1,600	164	88	0.10 *	0.06
SBR	1	1,600	47	62	0.00	0.00
EBL	0	0	0	0	0.00	0.00
EBT	0	0	0	0	0.00 *	0.00 *
EBR	0	0	0	0	0.00	0.00
WBL	1	1,600	215	121	0.13 *	0.08 *
WBT	0	0	0	0	0.00	0.00
WBR	1	1,600	84	105	0.05	0.07
N/S Critical Movements					0.32	0.83
E/W Critical Movements					0.13	0.08
Right Turn Critical Movement					0.00	0.00
Clearance Interval					0.00	0.00
Existing ICU					0.45	0.90
Level of Service (LOS)					A	E

\* Indicates critical turn movements for traffic analysis calculations.

**INTERSECTION CAPACITY UTILIZATION**

Intersection Number: 2  
 North/South Roadway: Lost Hills Road  
 East/West Roadway: Highway 101 Eastbound Ramps

Analysis Conditions: Existing  
 Improvements: Existing Conditions

Move- ment	FORECAST CONDITIONS					
	Lanes	Capacity	Volume		V/C Ratio	
			AM	PM	AM	PM
NBL	0	0	0	0	0.00	0.00
NBT	1	1,600	404	1,258	0.38 *	0.87 *
NBR	0	0	199	135	0.00	0.00
SBL	0	0	135	81	0.08 *	0.05 *
SBT	1	1,600	238	127	0.23	0.13
SBR	0	0	0	0	0.00	0.00
EBL	0	0	43	73	0.03	0.05
EBT	1	1,600	2	3	0.00	0.00
EBR	1	1,600	1,511	317	0.94 *	0.20 *
WBL	0	0	0	0	0.00	0.00
WBT	0	0	0	0	0.00 *	0.00 *
WBR	0	0	0	0	0.00	0.00
N/S Critical Movements					0.46	0.92
E/W Critical Movements					0.94	0.20
Right Turn Critical Movement					0.00	0.00
Clearance Interval					0.00	0.00
Forecast I Existing ICU					1.40	1.12
Level of Service (LOS)					F	F

\* Indicates critical turn movements for traffic analysis calculations.

**INTERSECTION CAPACITY UTILIZATION**

Intersection Number: 3  
 North/South Roadway: Lost Hills Road  
 East/West Roadway: Agoura Road

Analysis Conditions: Existing  
 Improvements: Existing Conditions

Move- ment	FORECAST CONDITIONS					
	Lanes	Capacity	Volume		V/C Ratio	
			AM	PM	AM	PM
NBL	1	1,600	2	2	0.00	0.00
NBT	2	3,200	441	844	0.17 *	0.28 *
NBR	0	0	110	45	0.00	0.00
SBL	1	1,600	466	88	0.29 *	0.06 *
SBT	2	3,200	885	329	0.30	0.11
SBR	0	0	88	25	0.00	0.00
EBL	1	1,600	17	65	0.01 *	0.04 *
EBT	2	3,200	2	20	0.00	0.01
EBR	0	0	3	3	0.00	0.00
WBL	1	1,600	16	71	0.01	0.04
WBT	2	3,200	13	5	0.02 *	0.12 *
WBR	0	0	62	382	0.00	0.00
N/S Critical Movements					0.46	0.33
E/W Critical Movements					0.03	0.16
Right Turn Critical Movement					0.00	0.00
Clearance Interval					0.00	0.00
Existing ICU					0.50	0.49
Level of Service (LOS)					A	A

\* Indicates critical turn movements for traffic analysis calculations.

**INTERSECTION CAPACITY UTILIZATION**

Intersection Number: 4  
 North/South Roadway: Las Virgenes Road  
 East/West Roadway: Mureau Road

Analysis Conditions: Existing  
 Improvements: Existing Conditions

Move- ment	FORECAST CONDITIONS					
	Lanes	Capacity	Volume		V/C Ratio	
			AM	PM	AM	PM
NBL	0	0	0	0	0.00 *	0.00
NBT	2	3,200	177	569	0.11	0.20 *
NBR	0	0	173	61	0.00	0.00
SBL	1	1,600	70	20	0.04	0.01 *
SBT	2	3,200	543	326	0.17 *	0.10
SBR	0	0	0	0	0.00	0.00
EBL	0	0	0	0	0.00	0.00
EBT	0	0	0	0	0.00 *	0.00 *
EBR	0	0	0	0	0.00	0.00
WBL	1	1,600	53	153	0.03 *	0.10 *
WBT	0	0	0	0	0.00	0.00
WBR	1	1,600	8	64	0.00	0.03
N/S Critical Movements					0.17	0.21
E/W Critical Movements					0.03	0.10
Right Turn Critical Movement					0.00	0.00
Clearance Interval					0.00	0.00
Existing ICU					0.20	0.31
Level of Service (LOS)					A	A

\* Indicates critical turn movements for traffic analysis calculations.

**INTERSECTION CAPACITY UTILIZATION**

Intersection Number: 5  
 North/South Roadway: Las Virgenes Road  
 East/West Roadway: Highway 101 Westbound Ramps

Analysis Conditions: Existing  
 Improvements: Existing Conditions

Move- ment	FORECAST CONDITIONS					
	Lanes	Capacity	Volume		V/C Ratio	
			AM	PM	AM	PM
NBL	1	1,600	84	247	0.05 *	0.15 *
NBT	2	3,200	651	360	0.20	0.11
NBR	0	0	0	0	0.00	0.00
				0		
SBL	0	0	0	256	0.00	0.16
SBT	2	3,200	663	225	0.29 *	0.17 *
SBR	0	0	261	62	0.00	0.00
EBL	0	0	0	0	0.00	0.00
EBT	0	0	0	0	0.00 *	0.00 *
EBR	0	0	0	0	0.00	0.00
WBL	2	3,200	964	453	0.30 *	0.14 *
WBT	0	0	0	0	0.00	0.00
WBR	1	1,600	156	270	0.10	0.01
N/S Critical Movements					0.34	0.32
E/W Critical Movements					0.30	0.14
Right Turn Critical Movement					0.00	0.00
Clearance Interval					0.00	0.00
Existing ICU					0.64	0.47
Level of Service (LOS)					B	A

\* Indicates critical turn movements for traffic analysis calculations.

## INTERSECTION CAPACITY UTILIZATION

Intersection Number: 6  
 North/South Roadway: Las Virgenes Road  
 East/West Roadway: Highway 101 Eastbound Ramps

Analysis Conditions: Existing  
 Improvements: Existing Conditions

Move- ment	FORECAST CONDITIONS					
	Lanes	Capacity	Volume		V/C Ratio	
			AM	PM	AM	PM
NBL	1	1,600	1	5	0.00 *	0.00
NBT	2	3,200	818	1,492	0.26	0.47 *
NBR	0	0	0	0	0.00	0.00
SBL	1	1,600	9	24	0.01	0.02 *
SBT	2	3,200	1,270	627	0.49 *	0.26
SBR	0	0	312	198	0.00	0.00
EBL	0	0	371	221	0.23 *	0.14 *
EBT	1	1,600	7	5	0.00	0.00
EBR	1	1,600	415	219	0.25 *	0.13 *
WBL	0	0	0	4	0.00	0.00
WBT	1	1,600	0	2	0.00 *	0.05 *
WBR	0	0	4	72	0.00	0.00
N/S Critical Movements					0.50	0.48
E/W Critical Movements					0.23	0.19
Right Turn Critical Movement					0.25	0.13
Clearance Interval					0.00	0.00
Existing ICU					0.98	0.80
Level of Service (LOS)					E	C

\* Indicates critical turn movements for traffic analysis calculations.

## INTERSECTION CAPACITY UTILIZATION

Intersection Number: 7  
 North/South Roadway: Las Virgenes Road  
 East/West Roadway: Agoura Road

Analysis Conditions: Existing  
 Improvements: Existing Conditions

Move- ment	FORECAST CONDITIONS					
	Lanes	Capacity	Volume		V/C Ratio	
			AM	PM	AM	PM
NBL	1	1,600	35	52	0.02 *	0.03 *
NBT	2	3,200	625	894	0.20	0.28
NBR	0	0	0	0	0.00	0.00
SBL	0	0	0	0	0.00	0.00
SBT	1	1,600	1,083	576	0.68 *	0.36 *
SBR	1	1,600	529	254	0.00	0.00
EBL	2	3,200	203	566	0.06 *	0.18 *
EBT	0	0	0	0	0.00	0.00
EBR	1	1,600	118	49	0.05	0.00
WBL	0	0	0	0	0.00	0.00
WBT	0	0	0	0	0.00 *	0.00 *
WBR	0	0	0	0	0.00	0.00
N/S Critical Movements					0.70	0.39
E/W Critical Movements					0.06	0.18
Right Turn Critical Movement					0.00	0.00
Clearance Interval					0.00	0.00
Forecast I Existing ICU					0.76	0.57
Level of Service (LOS)					C	A

\* Indicates critical turn movements for traffic analysis calculations.



## INTERSECTION CAPACITY UTILIZATION

Intersection Number: 8  
 North/South Roadway: Hwy 101 Westbound Off-Ramp (Pkwy Calabasas)  
 East/West Roadway: Ventura Boulevard

Analysis Conditions: Existing  
 Improvements: Existing Conditions

Move- ment	FORECAST CONDITIONS					
	Lanes	Capacity	Volume		V/C Ratio	
			AM	PM	AM	PM
NBL	1	1,600	587	405	0.37 *	0.25 *
NBT	0	0	0	0	0.00	0.00
NBR	1	1,600	194	67	0.12	0.04
SBL	0	0	0	0	0.00	0.00
SBT	0	0	0	0	0.00 *	0.00 *
SBR	0	0	0	0	0.00	0.00
EBL	0	0	0	0	0.00	0.00 *
EBT	1	1,600	144	53	0.09 *	0.03
EBR	0	0	0	0	0.00	0.00
WBL	0	0	0	0	0.00 *	0.00
WBT	1	1,600	74	396	0.05	0.25 *
WBR	0	0	0	0	0.00	0.00
N/S Critical Movements					0.37	0.25
E/W Critical Movements					0.09	0.25
Right Turn Critical Movement					0.00	0.00
Clearance Interval					0.00	0.00
Existing ICU					0.46	0.50
Level of Service (LOS)					A	A

\* Indicates critical turn movements for traffic analysis calculations.

## INTERSECTION CAPACITY UTILIZATION

Intersection Number: 9  
 North/South Roadway: Parkway Calabasas  
 East/West Roadway: Highway 101 Westbound On-Ramp

Analysis Conditions: Existing  
 Improvements: Existing Conditions

Move- ment	FORECAST CONDITIONS					
	Lanes	Capacity	Volume		V/C Ratio	
			AM	PM	AM	PM
NBL	0	0	328	465	0.21 *	0.29 *
NBT	1	1,600	284	73	0.38	0.34
NBR	0	0	0	0	0.00	0.00
SBL	0	0	0	0	0.00	0.00
SBT	1	1,600	521	789	0.35 *	0.61 *
SBR	0	0	43	190	0.00	0.00
EBL	0	0	0	0	0.00 *	0.00 *
EBT	0	0	0	0	0.00	0.00
EBR	0	0	0	0	0.00	0.00
WBL	0	0	0	0	0.00	0.00
WBT	0	0	0	0	0.00 *	0.00 *
WBR	0	0	0	0	0.00	0.00
N/S Critical Movements					0.56	0.90
E/W Critical Movements					0.00	0.00
Right Turn Critical Movement					0.00	0.00
Clearance Interval					0.00	0.00
Existing ICU					0.56	0.90
Level of Service (LOS)					A	E

\* Indicates critical turn movements for traffic analysis calculations.

## INTERSECTION CAPACITY UTILIZATION

Intersection Number: 10  
 North/South Roadway: Parkway Calabasas  
 East/West Roadway: Highway 101 Eastbound Ramps

Analysis Conditions: Existing  
 Improvements: Existing Conditions

Move- ment	FORECAST CONDITIONS					
	Lanes	Capacity	Volume		V/C Ratio	
			AM	PM	AM	PM
NBL	0	0	0	0	0.00	0.00
NBT	1	1,600	481	474	0.30 *	0.30 *
NBR	1	1,600	481	633	0.00	0.10 *
SBL	1	1,600	56	308	0.04 *	0.19 *
SBT	1	1,600	493	501	0.31	0.31
SBR	0	0	0	0	0.00	0.00
EBL	1	1,600	133	45	0.08	0.03
EBT	0	0	0	0	0.00	0.00
EBR	1	1,600	397	690	0.25 *	0.43 *
WBL	0	0	0	0	0.00	0.00
WBT	0	0	0	0	0.00 *	0.00 *
WBR	0	0	0	0	0.00	0.00
N/S Critical Movements					0.34	0.49
E/W Critical Movements					0.25	0.43
Right Turn Critical Movement					0.00	0.10
Clearance Interval					0.00	0.00
Forecast I Existing ICU					0.58	1.02
Level of Service (LOS)					A	F

\* Indicates critical turn movements for traffic analysis calculations.

## INTERSECTION CAPACITY UTILIZATION

Intersection Number: 11  
 North/South Roadway: Parkway Calabasas  
 East/West Roadway: Calabasas Road

Analysis Conditions: Existing  
 Improvements: Existing Conditions

Move- ment	FORECAST CONDITIONS					
	Lanes	Capacity	Volume		V/C Ratio	
			AM	PM	AM	PM
NBL	1	1,600	62	52	0.04	0.03
NBT	2	3,200	482	273	0.15 *	0.09 *
NBR	1	1,600	25	31	0.00	0.00
SBL	1	1,600	400	362	0.25 *	0.23 *
SBT	2	3,200	331	338	0.17	0.15
SBR	0	0	198	147	0.00	0.00
EBL	1	1,600	321	240	0.20 *	0.15 *
EBT	2	3,200	276	130	0.12	0.05
EBR	0	0	115	45	0.00	0.00
WBL	1	1,600	28	28	0.02	0.02
WBT	2	3,200	139	182	0.04 *	0.06 *
WBR	1	1,600	236	458	0.00	0.00 *
N/S Critical Movements					0.40	0.31
E/W Critical Movements					0.24	0.21
Right Turn Critical Movement					0.00	0.00
Clearance Interval					0.00	0.00
Existing ICU					0.64	0.52
Level of Service (LOS)					B	A

\* Indicates critical turn movements for traffic analysis calculations.

### FOUR WAY STOP CONTROL ANALYSIS

North/South Roadway: Highway 101 Westbound Off-Ramp  
 East/West Roadway: Ventura Boulevard

Analysis Conditions: Existing

Move ment	Lanes	Volume		Approach Capacity		Approach Delay	
		AM Peak	PM Peak	AM Peak	PM Peak	AM Peak	PM Peak
NBL	1	587	405				
NBT	0	0	0	1,148	879	13	8
NBR	1	194	67				
SBL	0	0	0				
SBT	0	0	0	122	(127)	1	1
SBR	0	0	0				
EBL	0	0	0				
EBT	1	144	53	145	216	44	3
EBR	0	0	0				
WBL	0	0	0				
WBT	1	74	396	49	276	293	233
WBR	0	0	0				
Average Intersection Delay (sec.)						38	104
Intersection Level of Service						E	F

Methodology based on Transportation Research Circular 373, "Interim Materials on Unsignalized Intersection Capacity", July 1991.