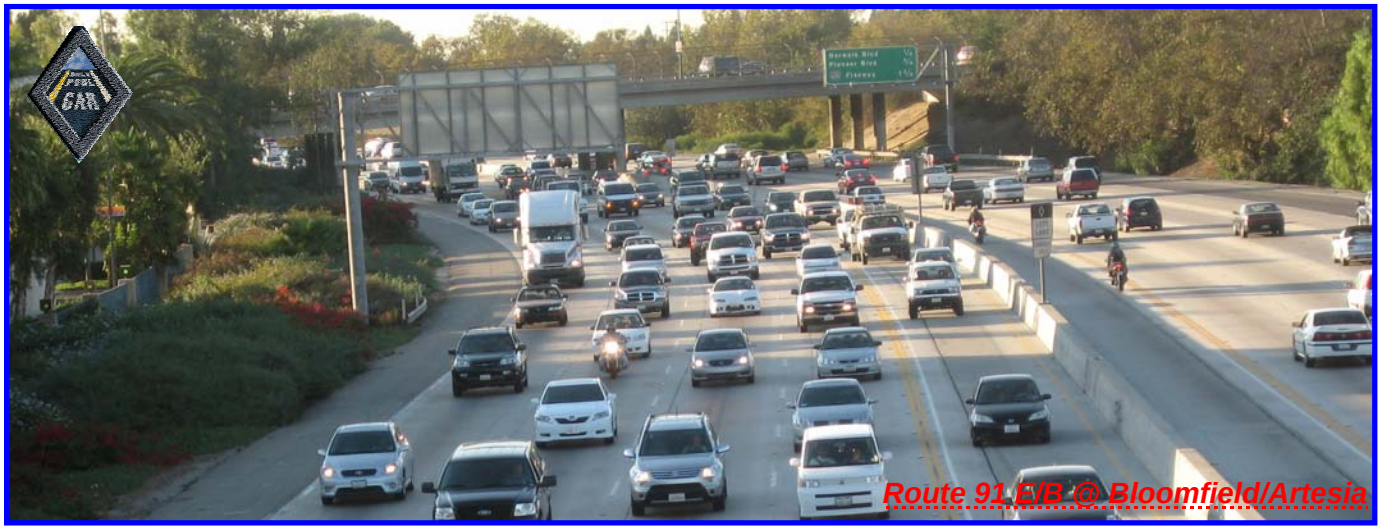
2008 HOV ANNUAL REPORT



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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

District 7
Los Angeles and ventura counties

January 2009

This report contains statistics of measurement only. The data herein should not be construed to be a conclusion or judgement on the performance of HOV lanes.

EXECUTIVE SUMMARY

The following is a summary of HOV operations for District 7 in the year 2008.

- Los Angeles County has **485 lane miles** of HOV facilities, or 34% of the total 1410 HOV lane miles (approximate) in the State of California. Five counties (Los Angeles, Ventura, Orange, San Bernardino, and Riverside) within the Southern California region have a total of 932 lane miles (approximate) of HOV facilities, excluding the Route 91 Toll Road in Orange County, which is 40 HOV lane miles.

- On average, each HOV facility in Los Angeles County carries **1300 vehicles per hour** or **3300 people per hour**, during peak hours. These volumes well exceed the minimum expected volume of 800 vehicles per hour or 1800 people per hour, as specified in the *HOV Guidelines for Planning, Design, and Operations*.

- On average, the person-trip volume of an HOV lane is two (2) times greater than that of a mixed-flow lane during peak hours. (i.e., two (2) regular lanes are needed to carry an equal number of people in the HOV lane.)

- The average violation rate is 1.2%, which is substantially lower than the preferable rate of below 10%, as specified in the *HOV Guidelines for Planning, Design, and Operations*.

- Since 1992, the total number of carpools on freeways with HOV lanes has increased steadily, whereas on freeways without HOV lanes, the total number of carpools has remained relatively constant or decreased. From 1992 to 2008, the data indicates an increase of 77% in the total number of carpools on freeways with HOV lanes for the morning peak 2-hour period. Significant increases in carpools were also observed in the afternoon peak 2-hour period. For details, see tables and charts titled *Number of Carpools on Freeways* on pages 8 to 11.

- On average, the peak hour volume is 11%, and the peak 2-hour volume is 20% of the daily HOV traffic volume, excluding the El Monte Busway data, which has the 3+ occupancy requirement during peak hours.

- On average, each HOV facility in Los Angeles County carries 80 qualifying hybrid vehicles during both morning and afternoon peak hour. Some HOV facilities carry over 300 qualifying hybrid vehicles in the morning peak hour.

- The HOV facilities in Los Angeles County carry approximately **331,000 vehicles** or **780,000 people per day**.

- On average, HOV facilities carry 34% of the entire freeway's people in just 20% of the freeway's space [1 out of 5 lanes (4 mixed-flow lane + 1 HOV lane)], while an adjacent single mixed-flow lane carries 17% of the entire freeway's people in the same 20% space.

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TABLE OF CONTENTS

ACKNOWLEDGEMENTS 1
INTRODUCTION 3
CHANGES IN 2007/2008 5
STATUS OF HOV PROJECTS 6
CURRENT HOV VOLUMES 7
NUMBER OF CARPOOLS ON FREEWAYS (AM/PM PEAK 2-HOUR) 8
CLEAN AIR STICKERS - HIGH OCCUPANCY VEHICLE LANE USAGE 12
HOV LANE LEGISLATION 14
HOV RAMP METERING AND HOV BYPASS LANES 16
HOV VIOLATION 17
PARK AND RIDE LOTS 18

HOV SYSTEM STATUS MAP

LOS ANGELES COUNTY 19
INTERREGIONAL (LOS ANGELES,VENTURA,ORANGE,RIVERSIDE,& SAN BERNARDINO CO.) 21

FACT SHEET AND INGRESS/EGRESS MAP

ROUTE 5 23
ROUTE 10 28
ROUTE 14 34
ROUTE 57 39
ROUTE 60 44
ROUTE 91 49
ROUTE 105 54
ROUTE 110 59
ROUTE 118 64
ROUTE 134 69
ROUTE 170 74
ROUTE 210 79
ROUTE 405 84
ROUTE 605 94

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ACKNOWLEDGEMENTS

The *2008 High Occupancy Vehicle (HOV) Annual Report* is prepared by the Office of Freeway Operations, HOV Operations Branch in District 7. The information in this report encompasses all HOV lanes in Los Angeles and Ventura Counties.

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We would like to thank and recognize the HOV Operations staff for the compilation of this report.

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INTRODUCTION

Caltrans, District 7 (Los Angeles and Ventura Counties) has one of the most extensive High Occupancy Vehicle (HOV) lane system in the country. In addition to HOV lanes, the system includes freeway-to-freeway HOV direct connector ramps, direct HOV lane entrance and exit ramps, HOV on-ramp bypass lanes, park and ride lots, and transit stations along certain HOV corridors. The Los Angeles County HOV system is part of a larger regional HOV system that serves the five counties of the Los Angeles metropolitan area (Los Angeles, Ventura, Orange, San Bernardino, and Riverside).

The central concept of the HOV system is to move more people rather than vehicles. When HOV lanes were introduced in Los Angeles County, the HOV system was designed to increase the person movement capacity of the freeway, be cost effective by reducing commute costs, and provide rideshare incentives such as time savings and trip reliability. The result of these goals improve air quality, conserve energy, increase mobility and efficiency of all trips, and reduce congestion. Even if you are unable to rideshare, the addition of HOV lanes will help solo commuters by reducing congestion on all freeway lanes.

Operating along the San Bernardino freeway corridor between downtown Los Angeles and El Monte, the I-10 HOV lane, also known as the El Monte Busway, was the first HOV facility in Los Angeles County. The easterly segment was opened in 1973 and the westerly segment joined the system a year later. Originally designed as a bus only facility, carpools with three persons or more were allowed to use the facility in 1976. In July 2000, Assembly Bill 769 was introduced, which reduced the minimum occupancy requirement on the El Monte Busway to two persons or more during non-peak periods.

With the exception of the El Monte Busway (three persons or more minimum occupancy requirement during peak periods), all Los Angeles and Ventura County freeway HOV lanes require a minimum occupancy of two persons or more. On July 1, 2000, new California state legislation (Assembly Bill 71) was introduced, which allowed certain clean air vehicles with a Department of Motor Vehicles' decal to use HOV facilities, regardless of occupancy.

All HOV facilities in Los Angeles and Ventura Counties are operated on a 24 hour basis except on Route 14. With the passage of Assembly Bill 1871, a demonstration project to evaluate part-time use of the HOV lanes on Route 14 was introduced. During non-peak hours, solo drivers are allowed to use the HOV lanes on Route 14 but need to observe the designated ingress/egress locations for entering and/or exiting the HOV lanes.

In June 1993, there were 58 lane miles of HOV lanes in Los Angeles County. In the next four years of aggressive HOV lane construction, an additional 211 lane miles of HOV lanes were added to the HOV system by June 1997. During this period, the Century Freeway (Route 105) and the Harbor Freeway (Route 110) HOV lanes were completed. As of December 2008, Los Angeles County had 485 lane miles of HOV facilities, representing approximately 34% of the total HOV lane miles in the State of California.

INTRODUCTION

The HOV system in Los Angeles County has been able to sustain growth in the number of two persons or more carpools on freeways with HOV lanes, with the number of carpools remaining relatively constant or decreasing for those freeways without HOV lanes. An average HOV lane in Los Angeles County accommodates 1300 vehicles or 3300 people per hour during peak periods. Some HOV facilities carry more than 1600 vehicles per hour in the peak direction. Los Angeles County HOV system serves approximately 331,000 vehicles or 780,000 people per day. When complete, Los Angeles and Ventura Counties will have approximately 700 lane miles of HOV facilities.

CHANGES IN 2007 - 2008

The following is a list of new HOV facilities which opened in the year 2007-2008:

- In February 2007, 2.0 lane-miles of HOV lane direct connector opened on the Pomona Freeway (Route 60) / Orange Freeway (Route 57) interchange.

- In August 2007, 1.2 lane-miles of carpool lane opened on the San Diego Freeway (Route 405) between Waterford Street and Santa Monica Boulevard (Southbound direction only).

- In April 2008, 12.4 lane-miles of carpool lanes opened on the Golden State Freeway (Route 5) between Ronald Reagan Freeway (Route 118) and Antelope Valley Freeway (Route 14).

The following is a list of HOV facilities under construction in the year 2008:

- San Diego Freeway (Route 405), 1.2 lane-miles of carpool lane between Santa Monica Boulevard and Santa Monica Freeway (Route 10), southbound direction only. Expected to open in 2009.

- San Diego Freeway (Route 405), 6.2 lane-miles of carpool lanes between Marina Freeway (Route 90) and Santa Monica Freeway (Route 10). Expected to open in 2009.

- Pomona Freeway (Route 60), 22.0 lane-miles of carpool lanes between San Gabriel River Freeway (Route 605) and Brea Canyon Road. Expected to open in 2011.

- Golden State Freeway (Route 5), 2.0 lane-miles of HOV lane direct connector at the Golden State Freeway (Route 5) and Antelope Valley Freeway (Route 14) interchange. Expected to open in 2012.

Legislative Bill:

- Senate Bill 1422 (SB 1422) was signed by the Governor on September 28, 2008, which authorized a value-pricing and transit development demonstration program involving High Occupancy Toll (HOT) lanes to be conducted, administered, developed, and operated on Route 10 from Alameda Street (Union Station) to Route 605 and on Route 110 from Adams Boulevard to 182nd Street (Artesia Transit Center) by the Los Angeles County Metropolitan Transportation Authority (LACMTA). The United States Department of Transportation has entered into a memorandum of understanding with the LACMTA and the Department of Transportation to award $210.6 million in federal transit funding for the purpose of enabling LACTMA to carry out a demonstration program where High Occupancy Vehicle (HOV) lanes on selected freeways in Los Angeles County would be converted into HOT lanes during the demonstration period. The target date for implementation of this demonstration program is December 31, 2010. The bill requires the LACMTA and the Department of Transportation to report to the Legislature by December 31, 2012, on the demonstration program.

California Department of Transportation (Caltrans) - District 7
High Occupancy Vehicle (HOV) System
STATUS OF HOV PROJECTS

ROUTE	E.A.	COST	FREEWAY CENTERLINE MILES				OPENING DATE
		$ (MIL)	EXISTING	CONSTRUCTION	DESIGN	PLANNING	MM/DD/YY (MM/YY)
LA-10 17.0/28.0 Alameda to Baldwin Ave		58.00	11.00				1973
LA-91 6.4/16.7 Rte 110 to Rte 605 E/B			---				06/10/85
LA-91 6.4/16.9 Rte 110 to Rte 605 W/B	115864	0.70	10.50				03/11/93
LA-405 13.0/20.7 Rte 110 to 120th St.	106734	8.30	7.70				04/08/93
LA-405 0.0/2.2 Bellflower Bl to Rte 605 (SB Only)	005854	4.80	---				10/2/93(6/97)
LA-105 2.2/18.2 Rte 405 to Rte 605		230.00	16.00				10/14/93
LA-210 25.0/43.8 Rte 134 to Sunflower Ave	129104	8.90	18.80				12/16/93
LA-405 20.7/22.2 120th St. to Century Bl	105 CC0	---	1.50				01/94
LA-91 16.7/20.7 Rte 605 to Ora. Co Line	115834	0.90	4.00				11/94
LA-134 0.0/5.1 Rte 101/170 to Rte 5	120284	6.60	5.10				10/02/95
LA-170 14.5/20.6 Rte 101/134 to Rte 5	120274	7.30	6.10				02/11/96
LA-134 5.1/9.7 Rte 5 to Rte 2	107734	5.00	4.60				03/12/96
LA-210 HOV Drop Ramp at Fair Oaks Ave	019594	4.00	0.50				05/30/96
LA-110 9.8/20.5 Rte 91 to Adams Bl		344.00	10.70				6/26/96(7/97)
LA-110 Rte 110/105 HOV Direct Connector		---	1.00				6/26/96(7/97)
LA-134 9.7/13.3 Rte 2 to Rte 210	118504	7.80	3.60				08/30/96
LA-405 38.6/48.6 Rte 101 to Rte 5	120334	15.10	10.00				10/22/96
LA-10 28.0/31.1 Baldwin Ave to Rte 605	008061	6.6	---				Median Barrier
LA-10 31.1/33.5 Rte 605 to Puente Ave	005881	---	---				Median Barrier
LA-118 0.0/11.4 Ven Co Line to Rte 5	115054	23.20	11.40				03/0/7/97
LA-605 3.9/10.8 South St to Telegraph Rd	119394	14.10	6.90				04/02/97
LA-57 0.0/4.5 Orange Co Line to Rte 60	115034	18.20	4.50				08/22/97
LA-30 0.0/2.5 Sunflower Ave to Foothill Bl	119981	7.00	2.50				09/08/97
LA-405 0.2/7.9 Orange Co Line to Rte 710	116874	29.70	7.70				02/12/98
LA-605 10.8/20.7 Telegraph Rd to Rte 10	119944	17.30	9.90				04/03/98
LA-14 27.0/33.7 SF Rd. to Sand Cyn Rd	116204	23.80	6.70				05/05/98
LA-405 7.9/13.0 Rte 710 to Rte 110	115174	28.20	5.10				10/08/98
LA-60 22.7/25.4 Brea Cyn Rd to Rte 57 N	119234	5.50	2.70				02/02/99
LA-60 25.4/30.5 Rte 57 N to SBD Co Line	115044	20.80	5.10				02/02/99
LA-14 33.7/44.0 Sand Cyn Rd to Escondido	125604	32.40	10.30				09/23/99
LA-605 0.0/3.9 Ora. Co Line to South St.	1347U4	14.60	3.90				03/01
LA-405 31.9/38.6 Waterford to Rte 101 (SB Only)	1667U4	17.70	6.70				01/08/02
LA-14 44.0/54.5 Escondido to Pearlblossom	117104	27.50	10.50				07/29/02
LA-14 24.8/27.0 Rte 5 to S.F. Road	119844	5.40	2.20				08/03/02
LA-210 2.5/8.3 Foothill Bl to SBD Co Line	105014	120.00	5.80				11/24/02
LA-10 42.4/48.3 Rte 57 to SBD Co Line	122404	77.30	5.90				11/13//03
LA-10 28.0/31.2 Baldwin Ave to Rte 605	1069U4	50.40	3.20				02/04/05
LA-405 22.2/26.4 Century Bl to Rte 90	1198U4	46.00	4.20				05/23/06
LA-14 54.5R/60.7R Pearlblossom to Ave P-8	125204	32.30	6.20				08/18/06
LA-405 38.6/40.2 Burbank Bl to Ventura Bl (NB Only)	199624	4.70	---				10/11/06
LA-60 Rte 57/60 HOV Direct Connector	1257U4	67.10	1.00				02/23/07
LA-405 30.7/31.9 Waterford to Santa Monica Bl (SB Only)	195903	38.1	1.20				08/30/07
LA-5 39.4/45.6 Rte 118 to Rte 14	122003	41.60	6.20				04/04/08
LA-405 29.5/30.7 Santa Monica Bl to Rte 10 (SB Only)	195903	36.9		1.20			10/09
LA-405 26.4/29.5 Rte 90 to Rte 10	1178U3	147.00		3.10			10/09
LA-60 11.7/18.0 Rte 605 to Azusa Ave	1294U3	56.10		6.30			01/11
LA-60 18.0/22.7 Azusa Ave to Brea Cyn Rd	129423	14.90		4.70			01/11
LA-5 Rte 5/14 HOV Direct Connector	168001	109.60		1.00			05/12
LA-5 26.7/36.4 Rte 134 to Rte 170	121801	291.30			9.70		07/11
LA-10 31.2/33.4 Rte 605 to Puente Ave	117071	166.00			2.20		01/13
LA-5 36.4/39.4 Rte 170 to Rte 118	121901	271.80			3.00		02/12
LA-5 Rte 5/170 HOV Direct Connector	121901	---			1.00		02/12
LA-405 29.5/38.6 Rte 10 to Rte 101 (NB Only)	120300	828.20			9.10		04/13
LA-10 33.4/37.5 Puente Ave to Citrus St	117080	146.50			4.10		11/15
LA-10 37.5/42.4 Citrus St to Rte 57	119340	161.00			4.90		11/15
LA-5 0.0/6.4 Ora. Co Line to Florence Ave	2159A1	361.00			6.40		11/16
LA-71 0.5/4.5 Express-Freeway Conversion	210601	147.80			4.00		07/09 Project Delayed
LA-5 45.6/55.5 Rte 14 to Rte 126	23320K	150.00				9.90	07/13
LA-60 Rte 60/605 HOV Direct Connector	23560K	244.10				1.00	01/15
LA-10 Rte 10/605 HOV Direct Connector	23570K	196.70				1.00	01/15
VEN-101 39.8/43.6 Mobile Pier Rd to Santa Barbara Co Line	260700	116.30				3.80	07/15
LA-5 Rte 5/405 HOV Direct Connector	17610K	150.00				1.00	08/19
LA-5 6.4/13.4 Florence Ave to Eastern Ave	2159F0	---				7.00	04/23
LA-5 13.4/14.6 Eastern Ave to Rte 710	2159E0	---				1.20	07/24
LA-5 22.6/26.7 Rte 2 to Rte 134	12120K	136.00				4.10	03/09 (RTL)
LA-5 18.4/22.6 Rte 10 to Rte 2	12160K	158.00				4.20	03/09 (RTL)
LA-10 5.5/14.8 Rte 405 to Rte 110	12340K	155.00				9.30	06/16 (RTL)
LA-710 26.5/32.7R Rte 10 to Rte 210	02009K	---				6.20	
COLOR MAP SUBTOTAL - INTEGRATED PLAN		5433.50	240.90	16.30	44.40	48.70	350.30

RTL = Ready To List

Rev Date: December 2008

CURRENT HOV VOLUMES

HOV LANE CAPACITY IS 1650 VPH

Route	Location	Post Mile	Count Date	2+ Peak Hourly Volume **	3+ Peak Hourly Volume **	Hybrid Vehicles Peak Period Volume		Dir.	HOV Lane Peak Period	Peak 2-Hour HOV Volume **	Occupancy Requirement	Peak Period Violation Rate	HOV ADT (vehicles)	Corridor HOV ADT (vehicles)
						1-Hour	2-Hour							
5	Truck Stop	41.45	11-5-08	923	177	50	107	S/B	6:30-7:30 A.M.	1693	2+	6.29%	6018	10847
	Truck Stop	41.45	11-5-08	607	117	23	37	N/B	4:00-5:00 P.M.	1053	2+	0.00%	4829	
10	Jackson Ave.	25.09	10-28-08	1393	1337	99	249	W/B	6:30-7:30 A.M.	2523	3+ (2+ off peak)	4.16%	13206	24181
	Jackson Ave.	25.09	11-18-08	1264	271	41	100	E/B	3:00-4:00 P.M.	2427	3+ (2+ off peak)	2.62%	10975	
				1243	1163	59			4:15-5:15 P.M.			7.40%		
14	Golden Valley	29.68	10-7-08	1460	213	32	54	S/B	6:30-7:30 A.M.	2361	2+ (1+ off peak)	0.54%	12569	22728
	Golden Valley	29.68	10-30-08	1153	230	27	61	N/B	4:15-5:15 P.M.	2218	2+ (1+ off peak)	0.26%	10159	
57	Pathfinder	3.16	10-2-08	1377	104	80	158	S/B	6:45-7:45 A.M.	2509	2+	0.07%	12846	24150
	Pathfinder	3.16	10-2-08	1235	180	33	75	N/B	3:15-4:15 P.M.	2357	2+	0.24%	11304	
60	Phillips Ranch	28.04	12-21-08	1599	68	26	57	W/B	6:30-7:30 A.M.	2952	2+	0.06%	14582	27899
	Phillips Ranch	28.04	10-21-08	1192	77	33	60	E/B	3:15-4:15 P.M.	2334	2+	0.00%	13317	
91	Bloomfield	19.17	10-23-08	1359	143	145	290	W/B	6:30-7:30 A.M.	2655	2+	0.15%	11268	22414
	Artesia	19.43	10-23-08	1438	219	94	184	E/B	3:30-4:30 P.M.	2878	2+	0.69%	11146	
105	Long Beach Bl.	11.51	11-18-08	1506	112	48	104	W/B	6:30-7:30 A.M.	2846	2+	1.18%	16900	32564
	Long Beach Bl.	11.51	10-23-08	1374	416	51	93	E/B	3:45-4:45 P.M.	2635	2+	2.21%	15664	
110*	Slauson	17.98	11-4-08	2966	237	235	498	N/B	6:45-7:45 A.M.	5311	2+	0.27%	28553	56043
	Slauson	17.98	10-16-08	2345	556	183	300	S/B	4:15-5:15 P.M.	4408	2+	2.29%	27490	
118	Reseda Ave.	5.81	10-1-08	1114	142	18	40	W/B	7:00-8:00 A.M.	1731	2+	1.59%	5034	10119
	Reseda Ave.	5.81	10-28-08	1198	177	21	32	E/B	4:15-5:15 P.M.	2134	2+	1.24%	5085	
134	Jackson Ave.	7.41	10-30-08	801	132	70	110	W/B	7:30-8:30 A.M.	1368	2+	0.25%	6622	14688
	Jackson Ave.	7.41	10-30-08	894	124	69	115	E/B	4:30-5:30 P.M.	1700	2+	0.00%	8066	
170	Sherman Way	18.27	10-30-08	1160	102	46	89	S/B	6:45-7:45 A.M.	2016	2+	0.09%	5893	10849
	Sherman Way	18.27	11-4-08	638	66	41	91	N/B	4:00-5:00 P.M.	1243	2+	0.00%	4956	
210	Wilson Ave	26.57	10-29-08	946	135	48	98	W/B	7:15-8:15 A.M.	1804	2+	0.21%	11937	24665
	Wilson Ave	26.57	10-1-08	1281	152	43	96	E/B	3:45-4:45 P.M.	2373	2+	0.85%	12728	
	Second St.	39.12	10-9-08	1488	136	92	217	W/B	6:30-7:30 A.M.	2758	2+	1.13%	11753	———
	Second St.	39.12	10-9-08	1613	148	57	115	E/B	4:30-5:30 P.M.	3196	2+	0.43%	11693	
405	Temple	4.33	11-6-08	1354	164	310	563	N/B	7:15-8:15 A.M.	2609	2+	1.60%	15607	———
	Temple	4.33	10-15-08	1408	232	204	357	S/B	4:15-5:15 P.M.	2715	2+	1.12%	15832	
	Normandie	13.81	11-20-08	1172	152	187	332	N/B	7:30-8:30 A.M.	2261	2+	0.59%	14268	27328
	Normandie	13.81	10-22-08	1340	280	134	242	S/B	4:30-5:30 P.M.	2709	2+	0.30%	13060	
	Burbank Blvd.	40.28	10-8-08	1154	184	40	106	S/B	6:30-7:30 A.M.	2056	2+	1.87%	9664	———
	Burbank Blvd.	40.28	11-20-08	1575	258	53	99	N/B	4:15-5:15 P.M.	2951	2+	1.13%	10166	
605	Beverly Blvd.	14.42	10-8-08	1341	179	89	159	S/B	6:45-7:45 A.M.	2488	2+	0.15%	10211	22039
	Beverly Blvd.	14.41	10-29-08	1363	193	61	114	N/B	4:00-5:00 P.M.	2609	2+	0.15%	11828	

Average occupancy during peak hourly volume: 2+ facility is 2.3; 3+ facility is 3.1 (excluding buses and violators).

Note: ADT data is not necessarily taken at the same count locations.

*** 2 lane HOV facility.**

**** Volume for Carpools, Vanpools, Motorcycles, and Buses. Excluding Violators and Hybrid Vehicles.**

Total Vehicles / Day	**330514**
Total People / Day	**779527**

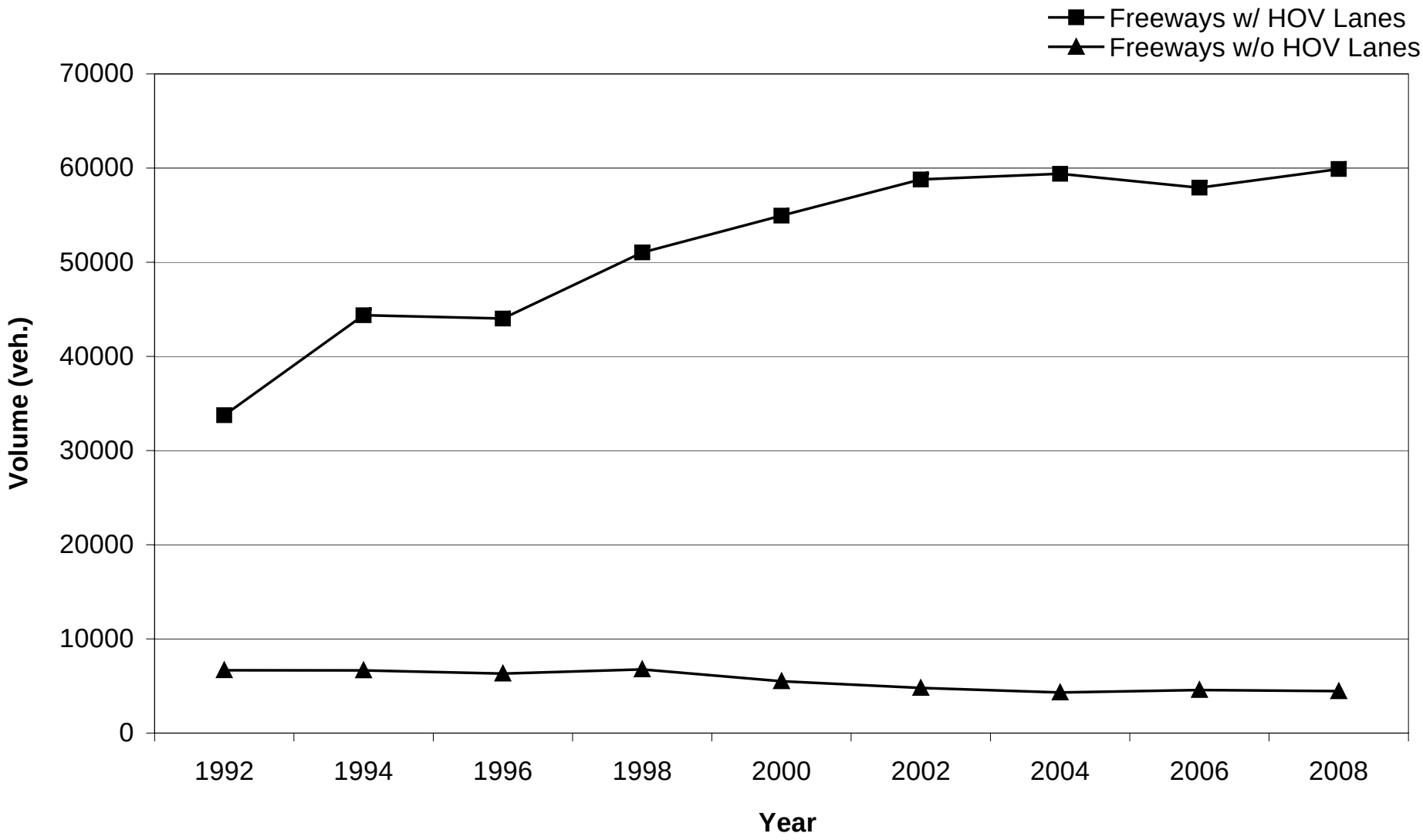
Number of Carpools on Freeways (AM Peak 2-Hour)

	Route	Length (Centerline Miles)	Opening Date (Initial Segment)	Location	AM Peak 2-Hour Number of Carpools in HOV lanes (veh.)									AM Peak 2-Hour Total Number of Carpools on freeway (veh.)								
					Base Year 1992	1994	1996	1998	2000	2002	2004	2006	2008	Base Year 1992	1994	1996	1998	2000	2002	2004	2006	2008
Freeways w/ HOV Lanes	5	6.2 Miles	Apr-08	Truck Stop	-	-	-	-	-	-	-	-	1635	-	-	-	-	-	-	-	-	2138
	10 *	20.1 Miles	Jan-73	Warwick	2312	1849	1139	1475	1683	1762	2155	1922	1669	2362	2294	1219	1550	1768	1817	2275	2290	1749
				Jackson	*1722*	*1722*	1879	1430	1870	2074	2284	2366	2365	*1812*	*1812*	1969	1476	1895	2119	2379	2466	2395
	14	35.9 Miles	May-98	Golden Valley	-	-	-	1491	2099	2184	1995	2111	2270	1290	1834	1174	*1971*	2718	2503	2370	2471	2964
	57	4.5 Miles	Aug-97	Pathfinder	-	-	-	1615	2006	2168	2216	1939	2386	1420	1660	1315	2360	2271	2478	2641	2394	2981
	60	7.5 Miles	Feb-99	Phillips Ranch	-	-	-	-	2548	2657	2373	2232	2858	*945*	*945*	*945*	1121	2843	3262	2988	2902	3793
	91	14.3 Miles	Jun-85	Wilmington	-	1120	1952	2209	2679	2361	2431	*2466*	*2466*	2185	2875	2777	3079	3599	3191	2936	*3031*	*3031*
				Bloomfield	-	-	1449	1622	1838	2654	2654	2353	2506	2105	1580	2504	2557	2663	3184	3184	2968	3061
	105	16 Miles	Oct-93	Lakewood	-	1674	2232	2134	2402	2370	2305	2202	2220	-	2642	2787	2629	2942	2843	2718	2645	2858
				Long Beach	-	2444	2679	2908	2893	2931	2789	2497	2695	-	3010	3395	3242	3294	3246	2984	2767	3055
	110 *	10.7 Miles	Jun-96	Slauson	-	-	3084	5199	6427	5699	6330	5835	5273	2585	3110	4144	5754	6992	6334	6880	6080	5935
	118	11.4 Miles	Mar-97	Reseda	-	-	-	1004	1197	1905	2222	2060	1682	1519	1391	1220	1909	1597	3235	3207	3115	3626
				Porter Ranch	-	-	-	946	793	1068	1342	1310	1131	1264	1628	1283	1836	2013	1813	2077	2100	2016
	134	12.8 Miles	Mar-96	Jackson	-	-	810	1260	1146	1356	1376	1451	1295	2165	2320	2540	3075	1961	2571	1986	2801	2495
			Oct-95	Pass	-	-	1016	1017	1071	1572	1473	1422	1314	1760	2195	1721	1722	2041	2457	2258	2042	2279
	170	6.1 Miles	Feb-96	Sherman Way	-	-	1102	1334	1503	1415	1755	1793	1960	1650	2150	2137	2454	2303	3210	3560	3473	2900
	210	27.2 Miles	Dec-93	2nd St.	-	2338	2721	2775	2608	2648	2789	2771	2598	2215	3833	3801	3460	3158	3058	3289	3301	3308
				Wilson	-	2186	*1807*	*1807*	1926	1860	2040	1978	1720	3390	3392	3667	*3667*	2958	2952	2964	2770	2980
	405	16.7 Miles	Oct-96	Burbank	-	-	1529	1851	1576	2361	2136	2234	1949	1495	2115	2084	2581	1901	3291	2931	2704	2709
		26.4 Miles	Apr-93	Normandie	-	1021	1578	2034	2638	2616	2267	2455	2186	*2311*	*2311*	2238	2294	3073	2676	2882	2765	2856
	605	20.7 Miles	Apr-97	Beverly	-	-	-	*949*	2369	2323	2422	2395	2352	*1280*	*1280*	1095	2369	2959	2548	2882	2830	2907
	Total				4034	14354	24977	35060	43272	45984	47354	45792	44895	33753	44377	44015	51106	54949	58788	59391	57915	59898
	% Change From Base Year													-	31%	30%	51%	63%	74%	76%	72%	77%
Freeways w/ HOV Lanes	2			Trentway										2070	*1230*	*1230*	1670	1785	1425	1475	1210	1200
	101			Encino										2140	3036	2592	*2508*	2262	2496	1518	1938	1974
	710			Gage										2465	2400	2500	2585	1460	875	1325	1430	1280
	Total													6675	6666	6322	6763	5507	4796	4318	4578	4454
	% Change From Base Year													-	0%	-5%	1%	-17%	-28%	-35%	-31%	-33%

Note: For statistical purposes, if the data of the year is not available and the facility was open at the time, the data for the following year is used.

* Volume for Carpools, Vanpools, and Buses. All other volumes are Carpools and Vanpools only. Violators excluded

Total Number of Carpools on Freeways
(AM Peak 2-Hour)



Note: The volume on freeways w/ HOV lanes is the total carpool volume at various locations on freeways, Route 5, 10, 14, 57, 60, 91, 105, 110, 118, 134, 170, 210, 405, and 605. The volume on freeways w/o HOV lanes is the total carpool volume at various locations on freeways, Route 2, 101, and 710.

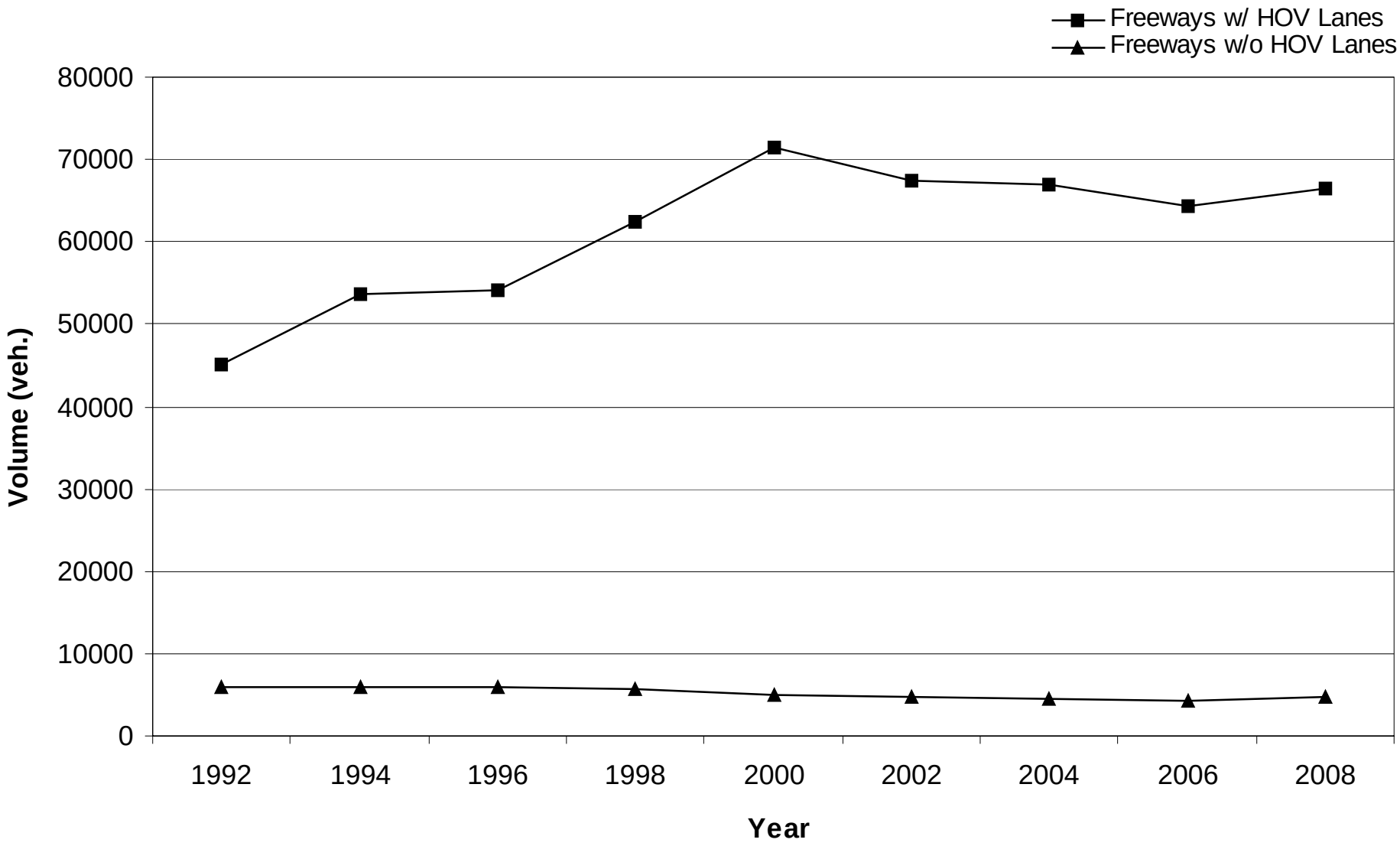
Number of Carpools on Freeways (PM Peak 2-Hour)

	Route	Length (Centerline Miles)	Opening Date (Initial Segment)	Location	PM Peak 2-Hour Number of Carpools in HOV lanes (veh.)									PM Peak 2-Hour Total Number of Carpools on freeway (veh.)								
					Base Year 1992	1994	1996	1998	2000	2002	2004	2006	2008	Base Year 1992	1994	1996	1998	2000	2002	2004	2006	2008
Freeways w/ HOV Lanes	5	6.2 Miles	Apr-08	Truck Stop	-	-	-	-	-	-	-	-	1017	-	-	-	-	-	-	-	-	1621
	10 *	20.1 Miles	Jan-73	Warwick	1956	1789	1858	1878	2194	2102	2596	2343	2280	2550	2377	2113	2100	2739	2902	3236	3103	2920
				Jackson	*1972*	*1972*	1709	1575	1926	2290	1686	1867	2284	*2322*	*2322*	1834	1740	2476	2960	2266	2662	2960
	14	35.9 Miles	May-98	Golden Valley	-	-	-	1828	2047	2080	2336	2225	2127	1768	1460	1834	*3088*	3292	2568	2775	2654	2885
	57	4.5 Miles	Aug-97	Pathfinder	-	-	-	1590	2397	2196	2626	1863	2251	2305	2505	1475	2815	3427	3151	2866	2925	2926
	60	7.5 Miles	Feb-99	Phillips Ranch	-	-	-	-	2434	2352	2126	1654	2273	*1369*	*1369*	1369	1901	3509	3637	2871	2564	3448
	91	14.3 Miles	Jun-85	Wilmington	2683	1125	2657	2378	2669	2242	1993	*2104*	*2104*	4653	2975	2881	3828	3754	3392	3068	*2879*	*2879*
				Artesia	-	-	1926	1432	2617	*2904*	2904	2008	2720	2655	2110	3821	3252	3837	*3989*	*3989*	2723	3850
	105	16 Miles	Oct-93	Lakewood	-	1757	2105	2055	2127	2320	2630	2343	2147	-	3145	2776	3053	3031	3059	3421	3101	2908
				Long Beach	-	2176	2637	2517	2543	2555	2521	2453	2497	-	3541	3425	3297	3402	3151	3114	3188	3210
	110 *	10.7 Miles	Jun-96	Slauson	-	-	2788	3904	4997	4677	5285	5064	4257	*3270*	*3270*	4708	5544	6332	5902	6515	6379	5128
	118	11.4 Miles	Mar-97	Reseda	-	-	-	779	1478	1761	2314	2174	2071	*1609*	*1609*	1811	2054	3218	3166	3139	3679	3291
				Porter Ranch	-	-	-	751	1315	1818	1950	1966	1317	1984	2126	1789	2301	3090	3233	2800	2876	2917
	134	12.8 Miles	Mar-96	Jackson	-	-	1200	1547	1931	1553	1785	1653	1648	3020	2420	2555	3717	3046	3093	3005	2718	2848
			Oct-95	Pass	-	-	1068	1075	1411	1337	1416	1294	1226	1955	2445	2488	2320	2716	2287	2446	2639	3051
	170	6.1 Miles	Feb-96	Sherman Way	-	-	868	1007	998	978	1697	1217	1218	1915	2025	2023	2437	2038	1963	2572	2102	2013
	210	27.2 Miles	Dec-93	2nd St.	-	2451	2422	2691	2824	2646	3194	2924	3026	3150	4686	4002	3906	4539	3840	4044	3854	4226
				Wilson	-	2209	2524	2603	3245	2450	2715	2536	2278	3432	4759	4816	5273	5459	4406	4137	3616	4174
	405	16.7 Miles	Oct-96	Burbank	-	-	1141	1558	2306	2271	2259	2261	2830	2705	3215	2856	3568	3746	3096	3364	4076	3975
		26.4 Miles	Apr-93	Normandie	-	*1536*	*1536*	2049	2717	2783	2283	2194	2596	*2205*	*2205*	2816	3559	4087	3998	3018	3149	3671
	605	20.7 Miles	Apr-97	Beverly	-	-	-	1286	3092	2957	3496	2676	2517	2305	3155	2695	2721	3757	3647	4391	3551	3202
	Total				6611	15015	26439	34503	47268	46272	49812	44819	51107	45172	53719	54087	62474	71495	67440	67037	64438	66482
	% Change From Base Year													-	19%	20%	38%	58%	49%	48%	43%	47%
Freeways w/o HOV Lanes	2			Trentway										*2052*	*2052*	1884	2016	1398	1950	1308	1260	1548
	101			Encino										3984	3816	4122	3714	3672	2706	3192	2946	3300
	710			Gage										-	-	-	-	-	-	-	-	-
	Total													6036	5868	6006	5730	5070	4656	4500	4206	4848
	% Change From Base Year													-	-3%	0%	-5%	-16%	-23%	-25%	-30%	-20%

Note: For statistical purposes, if the data of the year is not available and the facility was open at the time, the data for the following year is used.

* Volume for Carpools, Vanpools, and Buses. All other volumes are Carpools and Vanpools only. Violators excluded

Total Number of Carpools on Freeways
(PM Peak 2-Hour)



Note: The volume on freeways w/ HOV lanes is the total carpool volume at various locations on freeways, Route 5, 10, 14, 57, 60, 91, 105, 110, 118, 134, 170, 210, 405, and 605. The volume on freeways w/o HOV lanes is the total carpool volume at various locations on freeways, Route 2, 101, and 710.

Clean Air Stickers - High Occupancy Vehicle Lane Usage

A vehicle that meets specified emissions standards may be issued Clean Air Vehicle Stickers that allow the vehicle to be operated by a single occupant in the High Occupancy Vehicle (carpool or diamond) lanes of California's freeways. See Vehicle Code (VC) §§5205.5 and 21655.9.
White or yellow Clean Air Stickers are issued according to the following criteria:

White Clean Air Sticker

A vehicle that meets California's super ultra-low emission vehicle (SULEV) standard for exhaust emissions **and** the federal inherently low-emission vehicle (ILEV) evaporative emission standard.

A 2004 model-year or older vehicle that meets the California ultra-low emission vehicle (ULEV) standard for exhaust emissions **and** the federal ILEV standard..

Yellow Clean Air Sticker

A **hybrid** or alternative fuel vehicle that meets California's advanced technology partial zero-emission vehicle (AT PZEV) standard for criteria pollutant emissions **and** has a 45 miles per gallon or greater fuel economy highway rating.

A 2004 model-year or older **hybrid** vehicle that has a 45 mile per gallon or greater fuel economy highway rating **and** meets California's ultra-low emission vehicle (ULEV), super ultra-low emission vehicle (SULEV), or partial zero-emission vehicle (PZEV) standards.

The 85,000 Clean Air Vehicle Stickers (yellow) that VC §5205.5 allows for hybrid vehicles have been assigned. Original Clean Air Stickers will no longer be issued to hybrids; however, substitute stickers may be issued if the original is damaged.

To find out if your vehicle qualifies, check the California Air Resources Board (ARB) website.

PLEASE NOTE:

- All Clean Air Stickers remain with the vehicle they were originally issued to and *cannot be transferred* to any other vehicle. If you purchase a vehicle that has a Clean Air Sticker you may transfer the sticker to your name.
- If you acquire a hybrid vehicle with Clean Air Vehicle Stickers attached, and are a resident of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano or Sonoma County, you must obtain a Bay Area FasTrak account before you drive as a sole occupant in a high-occupancy vehicle (carpool or diamond) lane.
- All Clean Air Vehicle stickers will expire January 1, 2011, unless the law authorizing their use is extended beyond that date.
- Carpool lane use may be restricted at any time by state and federal law for all Clean Air Vehicles carrying fewer occupants than the posted minimum requirement, if their presence is determined by the California Department of Transportation to contribute to increased traffic congestion, increased travel times, decreased sustained travel speeds, or other factors affecting any carpool lane or segment of that lane.
- Clean air vehicles that meet the posted minimum occupancy requirements for carpool lanes are not subject to the above restrictions.

Source: California Department of Motor Vehicles (DMV) www.dmv.ca.gov

Clean Air Stickers - High Occupancy Vehicle Lane Usage

How To Apply for Clean Air Vehicle Stickers

The 85,000 Clean Air Vehicle Stickers (yellow) that VC §5205.5 allows for hybrid vehicles have been assigned. Original Clean Air Stickers will no longer be issued to hybrids; however, substitute stickers may be issued if the original is damaged.

1. Complete an Application for Clean Air Vehicle Stickers (REG 1000). The vehicle must have a permanent license plate assigned before a sticker can be issued.
2. Submit the completed application and Clean Air Sticker fee to the address on the REG 1000 form.

Your Clean Air Vehicle Stickers will be mailed to you. Do not drive as a sole occupant in the high-occupancy vehicle (carpool or diamond) lanes until you receive the stickers and affix them to your vehicle.

Transferring Clean Air Vehicle Stickers to Your Name

1. Complete an Application for Clean Air Vehicle Stickers (REG 1000).
2. Write "transfer" on the blank line below the "Replacement" box.
3. If the clean air vehicle is a hybrid and you are a resident of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano or Sonoma County, you must include an original Bay Area FasTrak receipt as evidence of a "FasTrak" toll account. The FasTrak receipt must show evidence that a toll account was issued specifically to your hybrid vehicle. **Do not** submit evidence of pre-existing FasTrak accounts for other vehicles, as this will delay your application. Bay area applicants are advised to contact Bay Area FasTrak at 877-229-8655 or visit the Bay Area FasTrak website before submitting a request to transfer Clean Air Stickers for a hybrid vehicle.
4. Submit the completed REG 1000 and FasTrak receipt to the address on the REG 1000 form.

Replacement Clean Air Vehicle Stickers

1. Complete an Application for Clean Air Vehicle Stickers (REG 1000).
2. Check the "Replacement" box.
3. Submit the completed REG 1000 and the Clean Air Sticker substitute fee to the address on the REG 1000 form.

Your Clean Air Vehicle Stickers will be mailed to you. **Do not** drive as a sole occupant in the high-occupancy vehicle (carpool or diamond) lanes until you receive the stickers and affix them to your vehicle.

Source: California Department of Motor Vehicles (DMV) www.dmv.ca.gov

HOV LANE LEGISLATION

- Senate Bill 63 (SB 63). Effective January 1, 2000, lowered the minimum vehicle occupancy requirement on the El Monte Busway (Route 10 HOV lane) from three (3+) or more persons per vehicle to two (2+) or more persons per vehicle on a 24-hour basis. California Department of Transportation (Caltrans) was directed to monitor and evaluate the effects of the two (2+) requirement on the operation of the El Monte Busway and the general purpose lanes. Signs were changed and the facility was monitored through electronic counts, tachometer runs, and manual counts for six months. An operational report was submitted to the Legislature and it stated that the El Monte Busway became congested for a couple of hours during the morning and afternoon peak periods, buffer violations increased from vehicles exiting the congested HOV lane, and observed a significant reduction of 3-person carpools. Public inquiries increased to various agencies and officials regarding the facility.

- Assembly Bill 71 (AB 71). Effective July 1, 2000, allowed certain clean air vehicles to use the State's HOV system, regardless of the number of people in the vehicle. The Department of Motor Vehicles' decal must be displayed on the vehicle to qualify for the exemption. Signs were installed on all HOV facilities in California.

- Assembly Bill 769 (AB 769). Effective July 24, 2000, overrode Senate Bill 63, and restored the minimum vehicle occupancy requirement on the El Monte Busway (Route10 HOV lane) from two (2+) or more persons per vehicle to three (3+) or more persons per vehicle during peak hours. Senate Bill 63 had attracted too many users to the El Monte Busway and caused considerable congestion to peak hour traffic. The (3+) or more persons per vehicle requirement is currently in effect Monday through Friday from 5-9a.m. and 4-7p.m. The two (2+) or more persons per vehicle are allowed to use the El Monte Busway at all other times. Signs were changed and the facility was monitored for five months. The Department submitted an operational report to the Legislature and it stated that the facility is no longer congested. However, the occupancy violation rate in the peak period had reaches 50%. As a result, more regulatory signs displaying the hours and occupancy requirement were added to the facility and implemented increased presence and enforcement by the California Highway Patrol (CHP). The 3+/2+ variable occupancy HOV lane is still in effect with FHWA approval.

- Assembly Bill 1871 (AB 1871). Effective January 1, 2001, an 18-month demonstration project to evaluate part-time use of the HOV lanes on Route 14 between Santa Clarita and Palmdale. This project requires two (2+) or more persons per vehicle in the HOV lanes during peak periods (southbound direction, 5-9a.m.; northbound direction, 3-7p.m., Monday - Friday). Solo drivers are allowed to use the HOV lanes at all other times. The double-yellow buffer lines will remain throughout the demonstration, and users still need to observe the designated openings for entering and exiting the HOV lanes. Some of the openings (ingress/egress locations) were lengthened in April 2001 to provide more access on the steep uphill grades of the facility. FHWA has agreed with the recommendation of Caltrans to continue with the part-time operation of HOV lanes on Route 14 until such time as needed to convert to full-time.

- Assembly Bill 2628 (AB 2628) was signed by the Governor and became law on January 1, 2005, with a sunset date of January 1, 2008. This bill allows hybrid vehicles meeting specified criteria to use the High Occupancy Vehicle (HOV) lanes regardless of the number of occupants. The Department of Motor Vehicles' decal must be displayed on the vehicle to qualify for the exemption. The bill prohibits the Department of Motor Vehicles (DMV) from issuing more than 75,000 decals for specified hybrid vehicles. See AB 2628 for details.

- Assembly Bill 2600 (AB 2600) was signed by the Governor on September 29, 2006, which extends the HOV lane provisions of AB 2628. AB 2600 increases the number of carpool decals available for qualified hybrid vehicles by 10,000 to 85,000 decals. It also extends the sunset date of the program by three years to January 1, 2011.

HOV LANE LEGISLATION

- Senate Bill 1422 (SB 1422) was signed by the Governor on September 28, 2008, which authorized a value-pricing and transit development demonstration program involving High Occupancy Toll (HOT) lanes to be conducted, administered, developed, and operated on Route 10 from Alameda Street (Union Station) to Route 605 and on Route 110 from Adams Boulevard to 182nd Street (Artesia Transit Center) by the Los Angeles County Metropolitan Transportation Authority (LACMTA). The United States Department of Transportation has entered into a memorandum of understanding with the LACMTA and the Department of Transportation to award $210.6 million in federal transit funding for the purpose of enabling LACTMA to carry out a demonstration program where High Occupancy Vehicle (HOV) lanes on selected freeways in Los Angeles County would be converted into HOT lanes during the demonstration period. The target date for implementation of this demonstration program is December 31, 2010. The bill requires the LACMTA and the Department of Transportation to report to the Legislature by December 31, 2012, on the demonstration program.

HOV RAMP METERING AND HOV BYPASS LANES

There are approximately 1000 on-ramps and 23 freeway-to-freeway connectors that are metered in Los Angeles and Ventura Counties, of which 356 have separate HOV bypass lanes. Vehicles traveling in the HOV on-ramp bypass lane with minimum occupancy requirement are not required to stop at the ramp meter signal unless indicated. 33 (located along Route 210) of the 356 HOV on-ramp bypass lanes are metered in Los Angeles and Ventura Counties. The activation of HOV meters is part of a congestion relief project to convert HOV bypass lanes or meter them at the same rate as mixed-flow lanes at all on-ramp locations along Route 210. This marks the beginning of HOV bypass lane metering at on-ramps, in District 7. Ramp metering is one of the traffic management tools to regulate the flow of traffic entering the freeways during the peak traffic hours. Ramp metering will:

a. Smooth the overall flow of freeway traffic
b. Accommodate more vehicles per hour on the freeway
c. Decrease commuting travel times
d. Increase safety on the freeway

Ramp metering is an integral part of the *Traffic Operations Program Strategic Plan* which outlines the program's commitment to focus first on implementing operational strategies to reduce congestion and increase safety on California's state highway system. Ramp metering increases the capacity of the mixed flow lane and enables traffic to flow at greater speeds. Freeway congestion is most often caused by a bottleneck, where the freeway demand exceeds the freeway capacity. This condition usually occurs during the weekday peak hours, but some freeways experience congestion during the mid-day and some on weekends. When the demand exceeds the capacity, congestion creates queues of stop-and-go traffic, and ramp metering limits the amount of traffic entering the freeway so that the demand at the bottleneck does not exceed the capacity. A free-flowing traffic lane can carry 33% more cars than a congested lane.

On weekdays, most ramp meters operate 4 to 10 hours during peak traffic periods. Some ramps are metered all day, including weekends. The rate at which vehicles are allowed onto the freeway is determined by the traffic demand at the on- ramp, as well as the freeway volume. The mainline responsive controllers react to the volumes on the freeway, such that if the volumes decrease significantly, then the meter will adjust and allow more vehicles onto the freeway. If the freeway volumes are very light, the meter may go to continuous green.

Projects within freeway segments identified in the *Ramp Meter Development Plan* should include provisions for ramp metering. However, there are ramp locations that are not metered, due to the heavy volume of traffic and/or insufficient storage area for the metered vehicles.

HOV VIOLATION

The Judicial Council of California sets the fines and maintains the Uniform Bail and Penalty Schedules (UBPS) for traffic violations. In that schedule, the minimum fine is $380 (or $381 with night court assessment) for an occupancy violation per Section 21655.5(b) or a buffer violation per Section 21655.8(a) of the California Vehicle Code.

The minimum fine is comprised of:

(A) **Exclusive or Preferential Use Lanes per Section 42001.11 of the California Vehicle Code.** Every person convicted of an infraction for a violation of Section 21655.5 or 21655.8 shall be punished as follows:
(1) For a first conviction, a fine of not less than one hundred dollars ($100), nor more than one hundred fifty dollars ($150).
(2) For a second conviction within a period of one year, a fine of not less than one hundred fifty dollars ($150), nor more than two hundred dollars ($200).
(3) For a third or any subsequent conviction within a period of two years, a fine of not less than two hundred fifty dollars ($250), nor more than five hundred dollars ($500)

(B) **Additional Penalties* and Surcharge**.**
$100 State*; $70 County*; $20 DNA*; $50 Court*; $20 EMS*
$20**

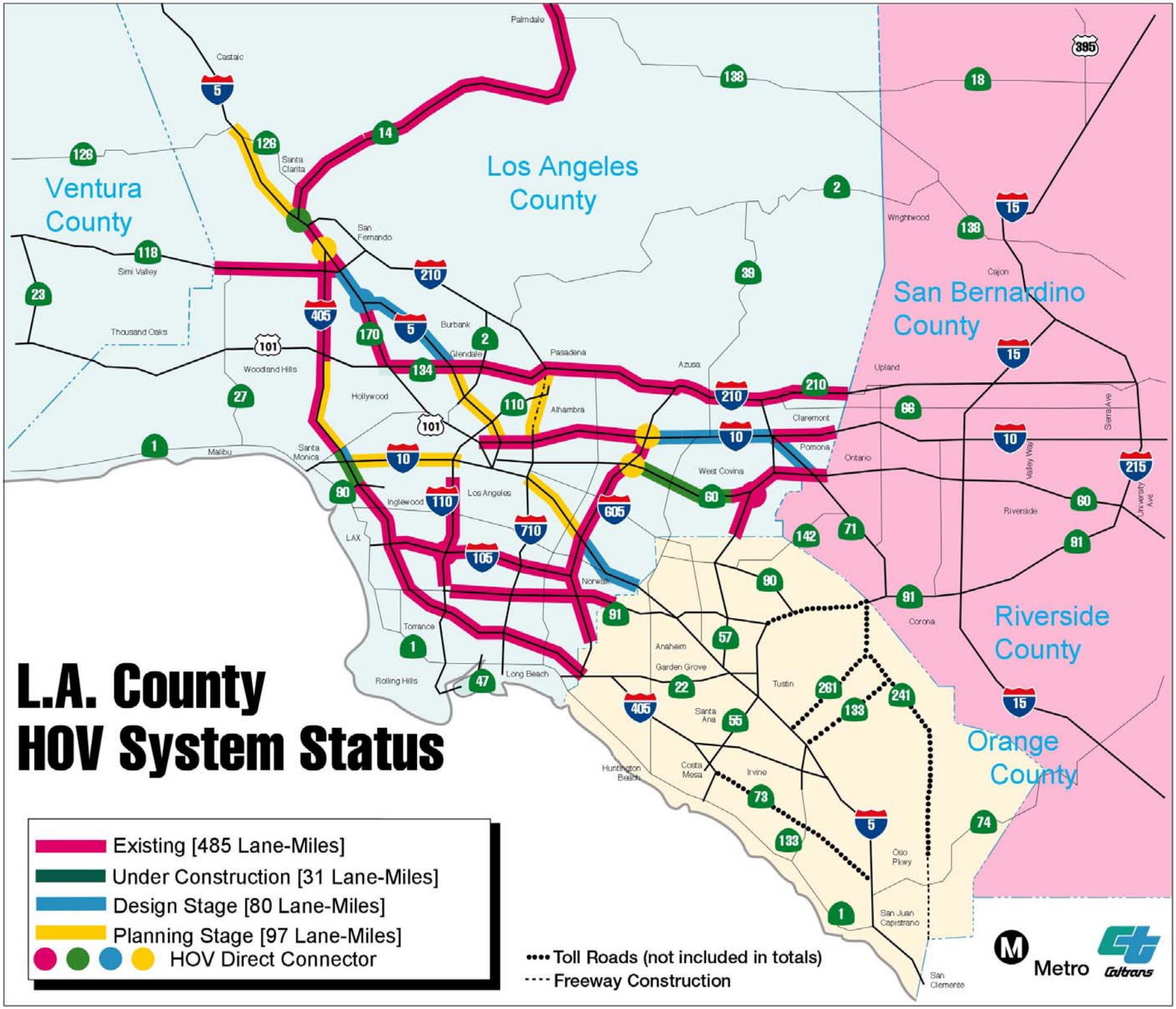
(C) **Night Court Assessment per Section 42006 of the California Vehicle Code.**
(a) Except as provided in subdivision (c), there may be levied a special assessment in an amount equal to one dollar ($1) for every fine and forfeiture, imposed and collected by any court which conducts a night session of the court, on all offenses involving a violation of a section of this code or any local ordinance adopted pursuant to this code, except offenses relating to parking.
(b) When a person makes a deposit of bail for an offense to which this section applies, in a case in which the person is required to appear in a court which conducts a night session, the person making the deposit shall also deposit a sufficient amount to include the assessment prescribed in this section for forfeited bail. If bail is forfeited, the amount of the assessment shall be transmitted by the clerk of the court to the county treasury for disposition as prescribed by subdivision (d).
(c) If a court conducts sessions at two or more locations, the court may do either of the following:
(1) Levy assessments only on those persons who are required to appear at the l ocation where night sessions are held.
(2) Levy assessments on persons who have the option to appear at a location where night court sessions are held and that location is within 25 miles of the location of the court where the person is otherwise required to appear, if the court prepares and submits a report to the Legislative Analyst on or before February 1, 1986, which itemizes the additional costs of the night court session or sessions for the calendar years of 1983, 1984, and 1985, and the revenues received from the assessment levied under subdivision (a) in those calendar years.
(d) After a determination by the court of the amount of the assessment due, the clerk of the court shall collect the amount and transmit it to the county treasury to be deposited in the night court session fund, and the money in the fund shall be expended by the county for maintaining courts in the county which have night sessions for traffic offenses.
(e) In any case where a person convicted of any offense to which this section applies is imprisoned until the fine is satisfied, the judge shall waive the penalty assessment.

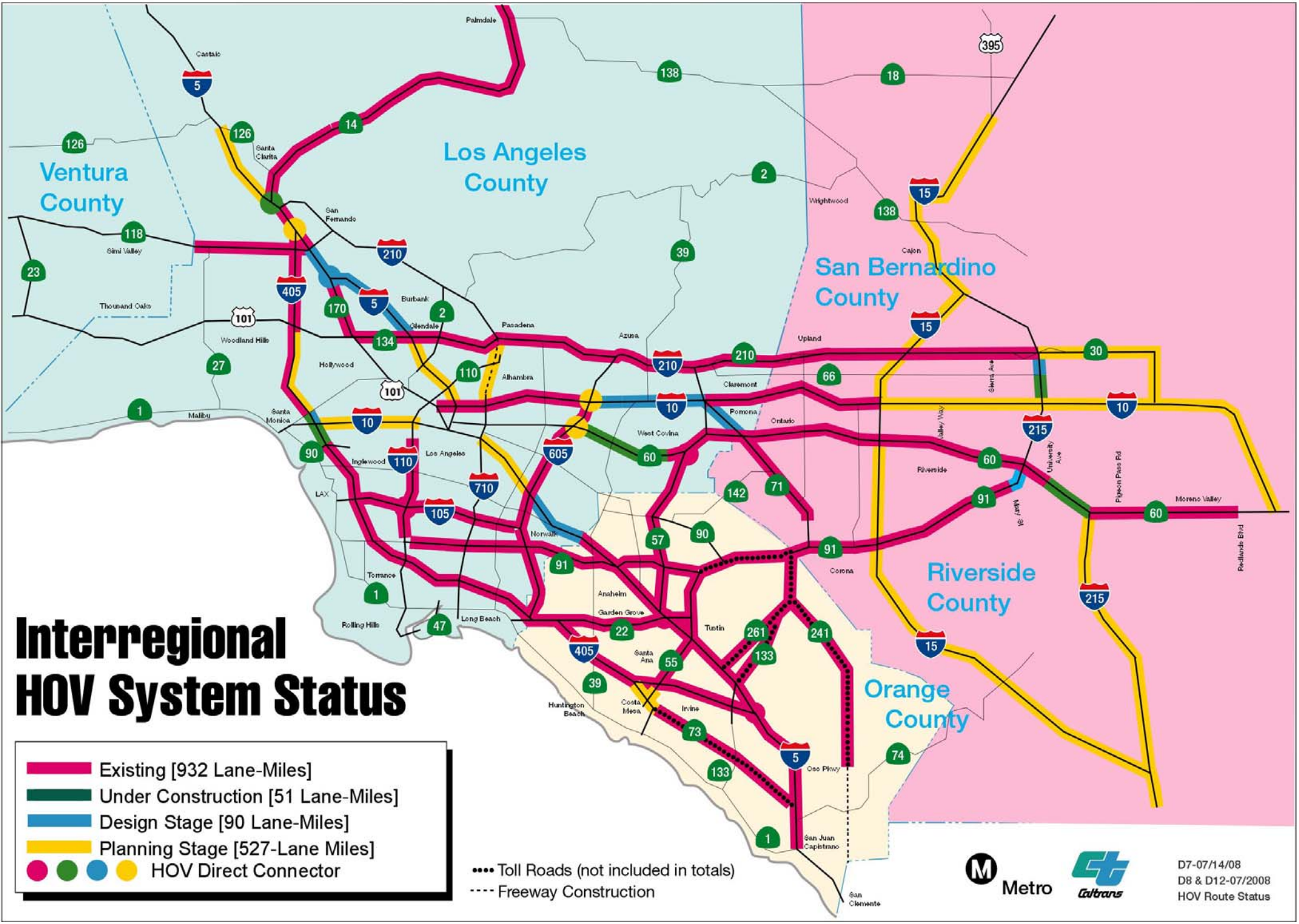
Source: California Department of Motor Vehicles (DMV) www.dmv.ca.gov
California Courts (Judicial Branch) www.courtinfo.ca.gov

Park and Ride Lots

Lot Name	Route No.	Post Mile	Lot Address	City
Verdugo	2	17.0	Verdugo Blvd. at Hilldale Dr.	La Canada
Lakewood-West Lot	5	8.3	Route 5 @ 9004 Lakewood Blvd.	Downey
United Meth Church*	10	36.5	718 S. Azusa Ave.	W. Covina
United Meth Church*	10	37.0	437 W. San Bernardino Rd.	Covina
Newhall-East Lot	14	27.1	20100 W San Fernando Rd(126)/E of Rte 14	Santa Clarita
Newhall-West Lot	14	27.1	20516 W. San Fernando Rd.	Santa Clarita
Oak Creek	14	27.1	23610 San Fernando 1/2 mi. W. of Route 14	Santa Clarita
Golden Valley (3 Sections)	14	29.5	Rte 14 @ Golden Valley Road (3 Lots)	Santa Clarita
Pearblossom	14	54.2	Rte 14 @ Sierra Highway	LA County, Acton
Ave S & Geiger Ave.	14	58.2	Ave. S.& Geiger Ave.	Palmdale
Ave K @ Route 14	14	66.7	1601 W. Ave K @ Route 14	Lancaster
Pathfinder Rd.	57	3.4	Pathfinder Rd. @ Rte. 57	Diamond Bar
Via Verde	57		105 Via Verde	San Dimas
Lanterman*	57	5.6	3530 W. Pomona Blvd.	Pomona
United Meth Church*	60	22.8	20601 La Puente	Walnut
Diamond Bar-East	60	25.6	100 N. Diamond Bar Blvd.	Diamond Bar
Diamond Bar-West	60	25.6	101 N. Diamond Bar Blvd.	Diamond Bar
Kanan Rd. (Southeast Lot)	101	35.1	Rte 101/Kanan & 29165 Roadside(SE)	Agoura Hills
Borchard Rd.	101	7.0	Rte 101 @ Borchard Rd/475 Rancho Conejo	Thousand Oaks
Pleasant Valley	101	12.3	Rte 101 @ Pleasant Valley Rd./Santa Rosa Rd.	Camarillo
Las Posas Rd.	101	15.7	Rte 101 @ Las Posas Rd/690 Ventura Blvd	Camarillo
Aviation	105	2.2	Rte 105 @ Aviation	El Segundo
Hawthorne (3 Sections)	105	3.7	Rte 105 @ Hawthorne Boulevard	Hawthorne
Crenshaw	105	5.0	Rte 105 @ Crenshaw on 120th Street	Hawthorne
Vermont Ave. (2 Sections)	105	7.4	Rte 105 @ Vermont Avenue	Athens
Century/Harbor (2 Sections)	105	7.7	Rte 105 @ Rte 110 - 117th St. & Figueroa St.	Los Angeles
Avalon (2 Sections)	105	8.9	Rte. 105 @ Avolon (Central st)	Los Angeles
Willowbrook/Imperial (3 Sections)	105	10.4	Rte 105 @ Wilmington (Blue Line)	Willowbrook
Long Beach Blvd. (2 Sections)	105	11.6	Rte 105 @ Long Beach Boulevard	Lynwood
Lakewood Blvd.(2 Sections)	105	17.4	121747 Lakewood Boulevard	Downey
I-105 Termination	105	18.8	12730 Hoxie Ave.	Norwalk
San Pedro II	110	1.2	515 N. Beacon @ Harbor Blvd.	San Pedro
San Pedro	110	1.3	Battery St./Gaffey St./610 Channel St.	San Pedro
Harbor Park	110	3.9	Route 110/ PCH & Figueroa, 1345 W. PCH	Wilmington
Carson	110	6.8	Rte 110 @ Carson Street	Los Angeles
Artesia	110	9.8	Rte 110 @ Rte 91	Los Angeles
Rosecrans	110	11.9	Rte 110 @ Rosecrans Avenue	Los Angeles
Manchester (2 Sections)	110	15.8	Rte 110 @ Manchester Avenue	Los Angeles
Slauson (2 Sections)	110	18.0	Rte 110 @ Slauson Avenue	Los Angeles
Lutheran Church*	118	10.5	15950 Chatsworth St.	Granada Hills
Porter Ranch	118	11.4	Rte. 118 @ Porter Ranch.	Chatsworth
Moorpark College	118	17.5	Route 118@Collins Avenue	Moorpark
Erringer	118	24.8	Erringer Rd. @ Rte. 118	Simi Valley
Sycamore Dr.	118	25.7	2599 Sycamore Dr. @ Rte. 118	Simi Valley
Farmer's Insurance*	118	26.0	3041 Cochran St.	Simi Valley
Stearns	118	28.8	2501 Stearns St @ Rte 118	Simi Valley
Tapo Canyon	118	27.3	Tapo Canyon Dr. @ Rte. 118	Simi Valley
Chatsworth	118	31.9	15550 Chatsworth St	Granada Hills
Glendale	134	8.8	Route 134 & Route 2	Glendale
Rte 170/Oxnard	170	16.6	Route 170 @ 12000 Oxnard St.	North Hollywood
Paxton	210	6.0	12501 Foothill Blvd @ I-210 & Paxton St	Pacoima
Lowell	210	16.1	Route 210 @ 3930 Lowell Ave.	Glendale
Sierra Madre Blvd.	210	29.4	Sierra Madre Blvd. @ Rte. 210	Pasadena
Citrus College*	210	40.6	1000 Foothill Blvd.	Glendora
Grand Ave	210	41.5	Route 210 @ 628 W. Baseline Rd.@Grand Av.	Glendora
Lone Hill	210	44.2	Route 210 @ 1000 S. Lone Hill Ave	Glendora
St John's Church*	405	5.8	11000 National Blvd.	Los Angeles
Skirball & Mulholland	405	36.7	Route 405 @ 2350 Skirball Center Drive	Los Angeles

* Privately owned lot


L.A. County
HOV System Status
Ventura County
Los Angeles County
San Bernardino County
Riverside County
Orange County
Existing [485 Lane-Miles]
Under Construction [31 Lane-Miles]
Design Stage [80 Lane-Miles]
Planning Stage [97 Lane-Miles]
HOV Direct Connector
Toll Roads (not included in totals)
Freeway Construction
Metro
Caltrans
D7-07/14/08
HOV Route Status


Interregional
HOV System Status
Ventura County
Los Angeles County
San Bernardino County
Riverside County
Orange County
Existing [932 Lane-Miles]
Under Construction [51 Lane-Miles]
Design Stage [90 Lane-Miles]
Planning Stage [527-Lane Miles]
HOV Direct Connector
Toll Roads (not included in totals)
Freeway Construction
Metro
Caltrans
D7-07/14/08
D8 & D12-07/2008
HOV Route Status

FACT SHEET

ROUTE 5
GOLDEN STATE FREEWAY

Project Limits & Length:	FROM ROUTE 118 TO ROUTE 14; 6.2 CENTERLINE MILES
Date of Opening:	APRIL 4, 2008
Cost:	$41.6 MILLION
Current Peak Hr Volume:	923 VEHICLES @ TRUCK STOP
Park & Ride Facilities: (lot name/city)	LAKEWOOD-WEST LOT/DOWNEY
Number of Ingress/Egress: (excludes begin/end HOV lane)	3 NORTHBOUND; 2 SOUTHBOUND

Additional Information:

- High Occupancy Vehicle (HOV) Lane Direct Connector under construction at Route 5/14 interchange. Scheduled opening date: May 2012.

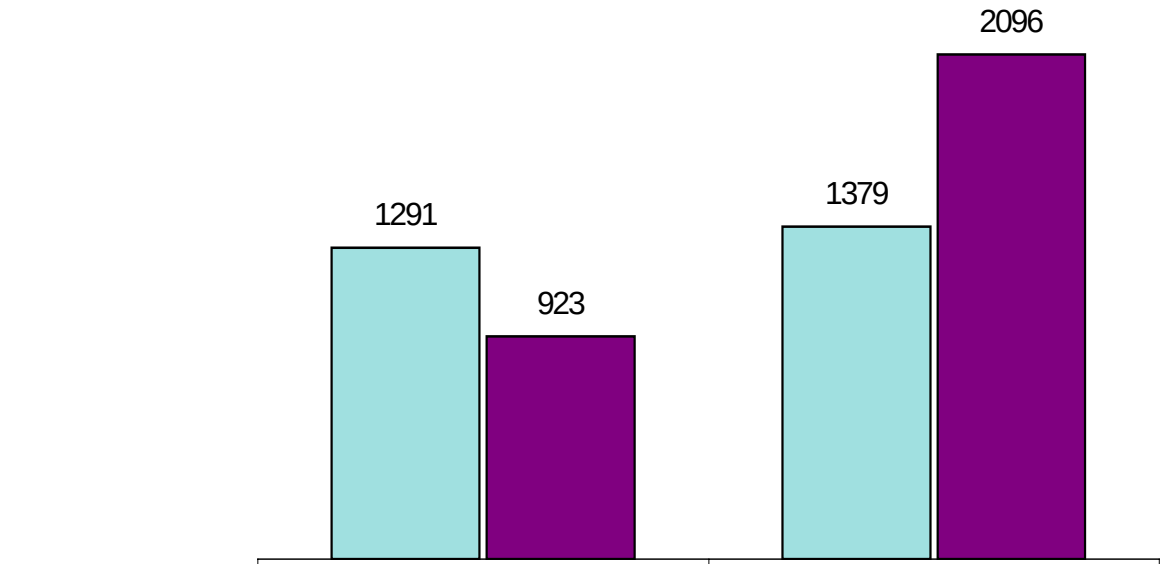
CALTRANS - DISTRICT 7

HOV Operation on Route 5

Co. Rte. Dir.	LA - 5 - SB		LA - 5 - NB	
Location	TRUCK STOP		TRUCK STOP	
Post Mile	41.45		41.45	
Date	11/05/08		11/05/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour 6:30 - 7:30	AM HOV Peak 2-Hour 6:30 - 8:30	PM HOV Peak Hour 16:00 - 17:00	PM HOV Peak 2-Hour 15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	885	1618	562	992
Vanpools	11	17	20	25
Buses	1	4	5	7
Motorcycles	26	54	20	29
HOV lane Violators	62	93	0	0
Total Vehicles in HOV Lane	985	1786	607	1053
Carpools Using Mainline	218	503	326	604
Hybrid Vehicles in HOV Lane	50	107	23	37
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	2030		1352	
People in Buses	40		180	
People on Motorcycles	26		20	
Violators	62		0	
Total HOV People	2158		1552	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	3		3	
Mixed-Flow Vehicles	3874		3904	
Mixed-Flow People	4136		4264	
Mixed-Flow People/Lane	1379		1421	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	4136		4264	
Total HOV People	2158		1552	
Total Freeway People	6294		5816	
Percent Carried in HOV Lane	34.29%		26.69%	
Percent Carried per Mixed-Flow Lane	21.90%		24.44%	
Occupancy (Peak Hour)				
HOV Occupancy	2.19		2.56	
Mainline Occupancy	1.07		1.09	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	1.57		1.09	

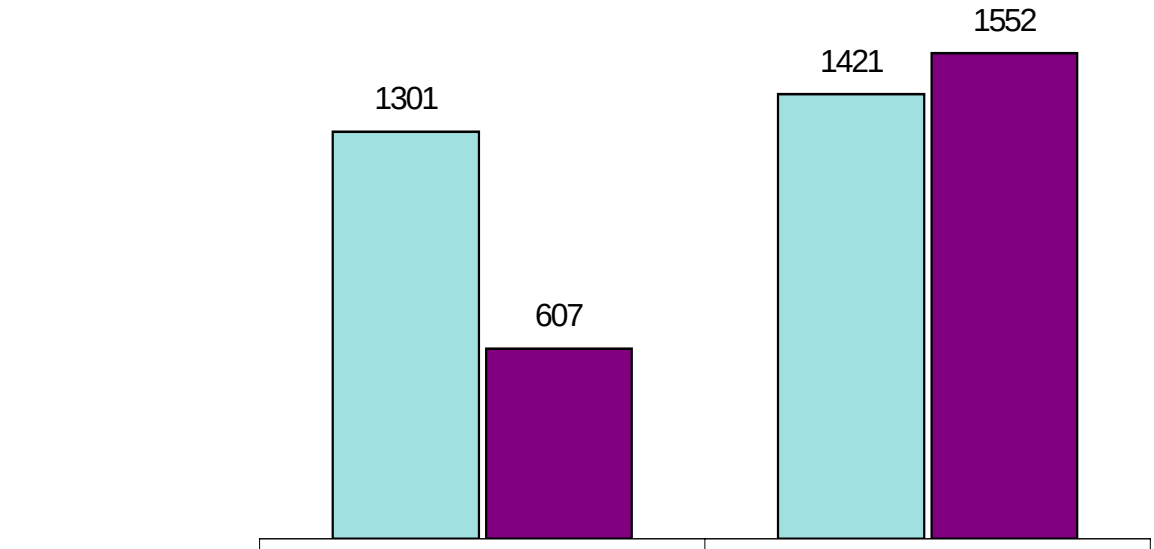
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1291	1379
HOV Lane	923	2096

Location: LA-5-S/B @ Truck Stop
Date/Time: 11-05-08 / 6:30-7:30 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1301	1421
HOV Lane	607	1552

Location: LA-5-N/B @ Truck Stop
Date/Time: 11-05-08 / 4:00-5:00 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

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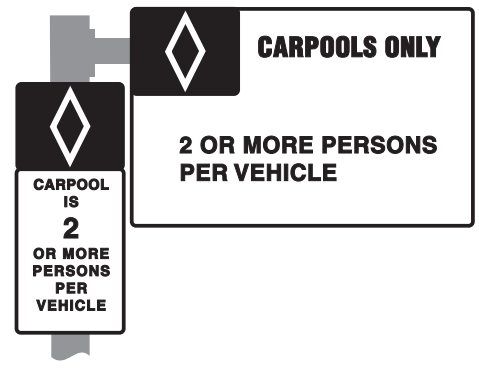
GOLDEN STATE FREEWAY HOV LANE

Ronald Reagan Freeway (Rte 118) to Antelope Valley Freeway (Rte 14)



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Caltrans

5 INGRESS (14 TO 118) • GRAPHIC SERVICES • 7/16/08

FACT SHEET

ROUTE 10
SAN BERNANDINO FREEWAY
EL MONTE BUSWAY

Project Limits & Length: (centerline miles)	FROM ALAMEDA ST TO BALDWIN AVE	11 MILES
	FROM ROUTE 57 TO SAN BERNARDINO CO.	5.9 MILES
	FROM BALDWIN AVE TO ROUTE 605	3.2 MILES
Date of Opening:	FROM ALAMEDA ST TO BALDWIN AVE	JAN 1973
	FROM ROUTE 57 TO SAN BERNARDINO CO. LINE	NOV 13, 2003
	FROM BALDWIN AVE TO ROUTE 605	FEB 4, 2005
Cost:	FROM ALAMEDA ST TO BALDWIN AVE	$58.0 MILLION
	FROM ROUTE 57 TO SAN BERNARDINO CO. LINE	$77.3 MILLION
	FROM BALDWIN AVE TO ROUTE 605	$50.4 MILLION
Current Peak Hr Volume:	1337 VEHICLES @ JACKSON (HOV 3+)	
Park & Ride Facilities: (lot name/city)	UNITED METH CHURCH/W.COVINA; UNITED METH CHURCH/COVINA	
Number of Ingress/Egress: (excludes begin/end HOV lane)	FROM ALAMEDA ST TO ROUTE 605	4 E/B, 6 W/B
	FROM ROUTE 57 TO SAN BERNARDINO CO. LINE	2 E/B, 3 W/B

Additional Information:

- Direct HOV lane access at Del Mar Avenue (Entrance from Del Mar Avenue to westbound Route 10 HOV lane; Exit from eastbound Route 10 HOV lane to Del Mar Avenue).
- Bus only connectors: From southbound Route 710 to westbound Route 10; and from eastbound Route 10 HOV lane to northbound Route 710.
- Senate Bill 63 (SB 63). Effective January 1, 2000, lowered the minimum vehicle occupancy requirement on the El Monte Busway (Route 10 HOV lane) from three (3+) or more persons per vehicle to two (2+) or more persons per vehicle on a 24-hour basis. California Department of Transportation (Caltrans) was directed to monitor and evaluate the effects of the two (2+) requirement on the operation of the El Monte Busway and the general purpose lanes. Lowering the vehicle occupancy requirement from 3+ to 2+ full time had a detrimental effect on the El Monte Busway.
- Assembly Bill 769 (AB 769). Effective July 24, 2000, overrode Senate Bill 63, and restored the minimum vehicle occupancy requirement on the El Monte Busway (Route10 HOV lane) from two (2+) or more persons per vehicle to three (3+) or more persons per vehicle during peak hours. Senate Bill 63 had attracted too many users to the El Monte Busway and caused considerable congestion to peak hour traffic. The (3+) or more persons per vehicle requirement is currently in effect Monday through Friday from 5-9a.m. and 4-7p.m. The two (2+) or more persons per vehicle are allowed to use the El Monte Busway at all other times.
- Senate Bill 1422 (SB 1422) was signed by the Governor on September 28, 2008, which authorized a value-pricing and transit development demonstration program involving High Occupancy Toll (HOT) lanes to be conducted, administered, developed, and operated on Route 10 from Alameda Street (Union Station) to Route 605 and on Route 110 from Adams Boulevard to 182nd Street (Artesia Transit Center) by the Los Angeles County Metropolitan Transportation Authority (LACMTA). The United States Department of Transportation has entered into a memorandum of understanding with the LACMTA and the Department of Transportation to award $210.6 million in federal transit funding for the purpose of enabling LACTMA to carry out a demonstration program where High Occupancy Vehicle (HOV) lanes on selected freeways in Los Angeles County would be converted into HOT lanes during the demonstration period. The target date for implementation of this demonstration program is December 31, 2010. The bill requires the LACMTA and the Department of Transportation to report to the Legislature by December 31, 2012, on the demonstration program.

CALTRANS - DISTRICT 7

HOV Operation on Route 10

Co. Rte. Dir.	LA - 10 - WB	LA - 10 - WB
Location	JACKSON	JACKSON
Post Mile	25.09	25.09
Date	10/28/08	10/28/08
HOV Peak Hour	6:30 - 7:30 AM	6:30 - 8:30 AM
Occupancy Requirement	3 +	3 +
	AM HOV Peak Hour	**AM HOV Peak 2 - Hour**
HOV VEHICLE SUMMARY		
Carpools	1146	2188
Vanpools	45	58
Buses	59	119
Motorcycles	87	158
HOV lane Violators	58	172
Total Vehicles in HOV Lane	1395	2695
Carpools Using Mainline	15	30
Hybrid Vehicles in HOV Lane	99	249
HOV People Summary (Peak Hour)		
People in Carpool & Vanpools	3722	6988
People in Buses	2280	4406
People on Motorcycles	87	158
Violators	114	114
Total HOV People	6203	11666
Mainline Summary (Peak Hour)		
Mixed-Flow lanes	4	4
Mixed-flow Vehicles	5105	9545
Mixed-Flow People	5470	10215
Mixed-Flow People/Lane	1368	2554
Trucks on Mainlines	131	268
Freeway Summary (Peak Hour)		
Total Mixed-Flow People	5470	10215
Total HOV People	6203	11666
Total Freeway People	11673	21881
Percent Carried in HOV Lane	53.14%	53.32%
Percent Carried per Mixed-Flow Lane	11.72%	11.67%
Occupancy (Peak Hour)		
HOV Occupancy	4.45	4.33
Mainline Occupancy	1.07	1.07
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	4.54	4.57

*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

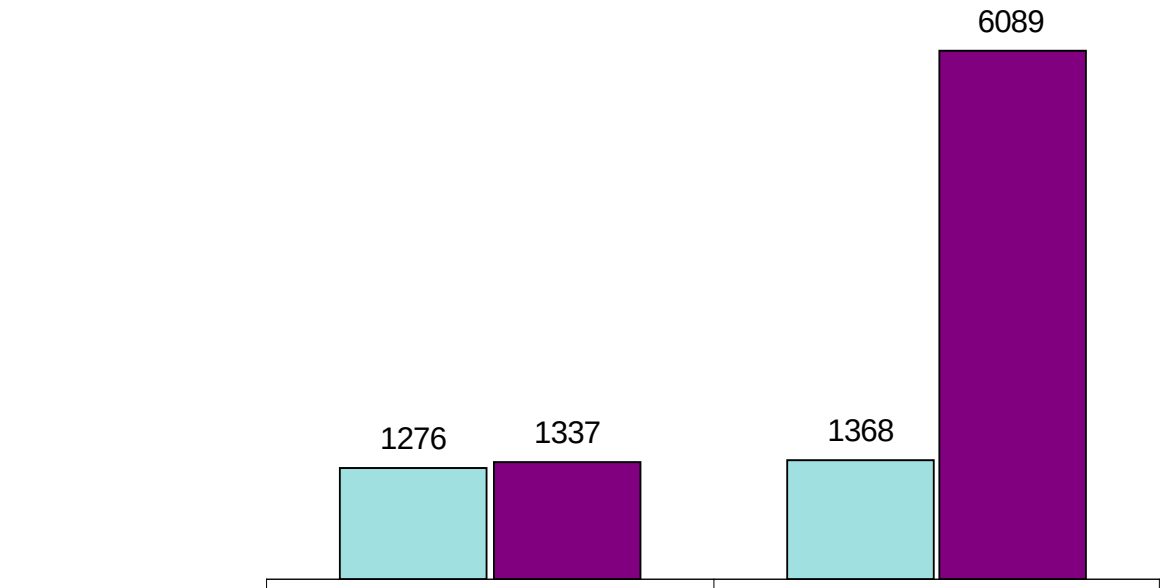
CALTRANS - DISTRICT 7

HOV Operation on Route 10

Co. Rte. Dir.	LA - 10 - EB	LA - 10 - EB
Location	JACKSON	JACKSON
Post Mile	25.09	25.09
Date	11/18/08	11/18/08
HOV Peak Hour	15:00 - 16:00 PM	16:15 - 17:15 PM
Occupancy Requirement	2 +	3 +
HOV VEHICLE SUMMARY		
Carpools	1144	960
Vanpools	19	74
Buses	35	56
Motorcycles	66	73
HOV lane Violators	34	93
Total Vehicles in HOV Lane	1298	1256
Carpools Using Mainline	635	40
Hybrid Vehicles in HOV Lane	41	59
People in Carpool & Vanpools	2606	3383
People in Buses	1173	2081
People on Motorcycles	66	73
Violators	34	173
Total HOV People	3879	5710
Mainline Summary (Peak Hour)		
Mixed-Flow lanes	4	4
Mixed-flow Vehicles	5575	5015
Mixed-Flow People	6330	5685
Mixed-Flow People/Lane	1583	1421
Trucks on Mainlines	149	103
Freeway Summary (Peak Hour)		
Total Mixed-Flow People	6330	5685
Total HOV People	3879	5710
Total Freeway People	10209	11395
Percent Carried in HOV Lane	38.00%	50.11%
Percent Carried per Mixed-Flow Lane	15.50%	12.47%
Occupancy (Peak Hour)		
HOV Occupancy	2.99	4.55
Mainline Occupancy	1.14	1.13
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	2.45	4.02

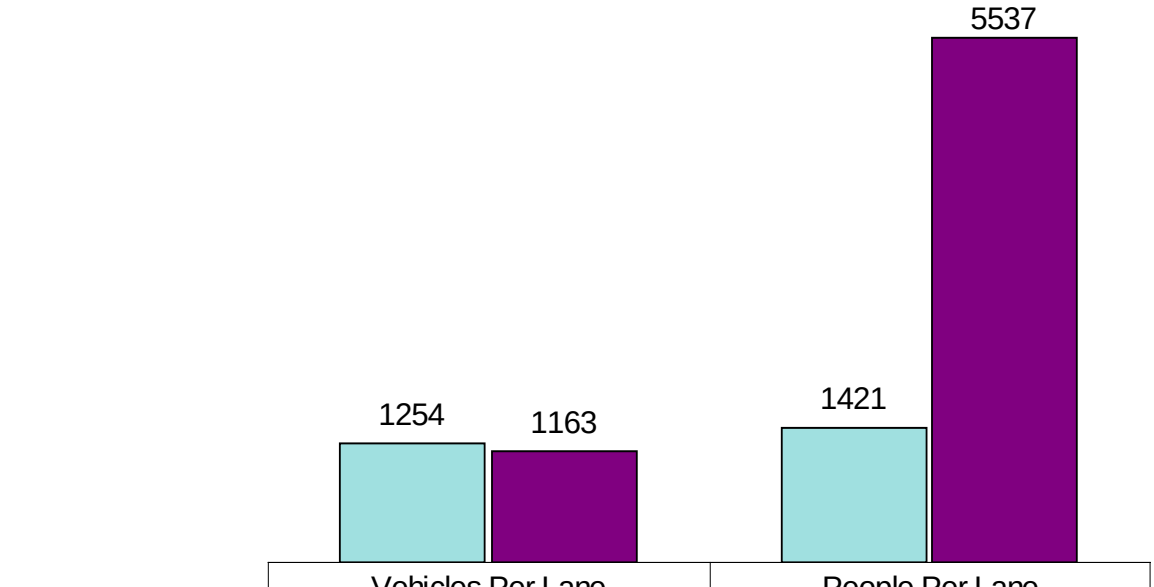
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1276	1368
HOV Lane	1337	6089

Location: LA-10-W/B @ Jackson
Date/Time: 10-28-08 / 6:30-7:30 AM

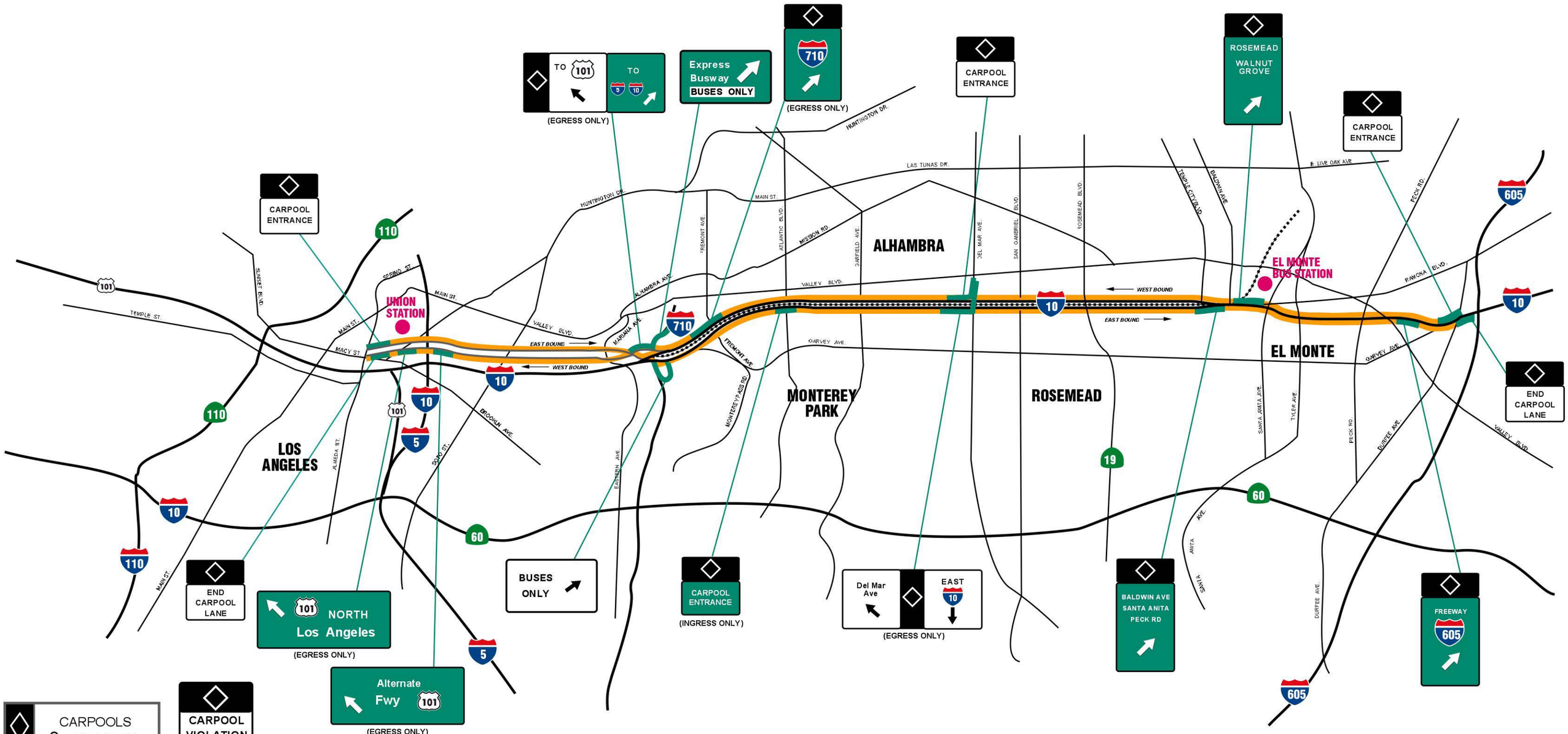


	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1254	1421
HOV Lane	1163	5537

Location: LA-10-E/B @ Jackson
Date/Time: 11-18-08 / 4:15-5:15 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

SAN BERNARDINO FREEWAY HOV LANE
Alameda St. to San Gabriel River Freeway (Rte 605)

NORTH



CARPOOLS
3 OR MORE
PERSONS PER VEHICLE
MON-FRI 5 - 9 AM
4 - 7 PM
2 OR MORE
ALL OTHER TIMES

CARPOOL VIOLATION
$341
MINIMUM FINE

NO SCALE

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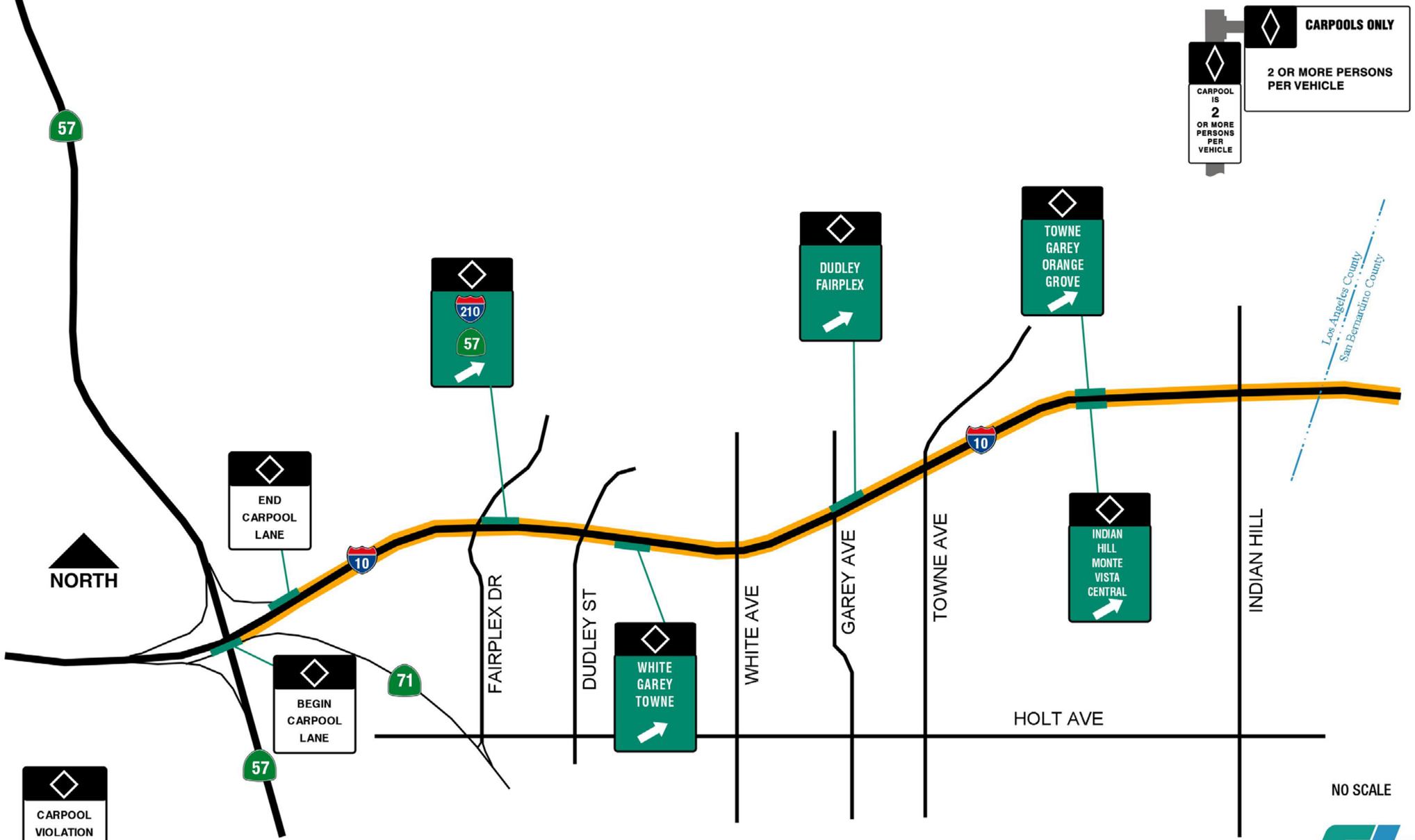
10_HOV. 01/16/09

SAN BERNARDINO FREEWAY HOV LANE
Orange Freeway (Rte 57) to San Bernardino County Line



NO SCALE

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FACT SHEET

ROUTE 14
ANTELOPE VALLEY FREEWAY

Project Limits & Length: (centerline miles)	FROM SAN FERNANDO RD TO SAND CANYON	6.7 MILES
	FROM SAND CANYON TO ESCONDIDO	10.6 MILES
	FROM ESCONDIDO TO PEARBLOSSOM	10.5 MILES
	FROM ROUTE 5 TO SAN FERNANDO RD	2.2 MILES
	FROM PEARBLOSSOM TO AVE P-8	6.2 MILES
Date of Opening:	FROM SAN FERNANDO RD TO SAND CANYON	MAY 5, 1998
	FROM SAND CANYON TO ESCONDIDO	SEP. 23, 1999
	FROM ESCONDIDO TO PEARBLOSSOM	JUL. 29, 2002
	FROM ROUTE 5 TO SAN FERNANDO RD	AUG. 3, 2002
	FROM PEARBLOSSOM TO AVE P-8	AUG. 18, 2006
Cost:	FROM SAN FERNANDO RD TO SAND CANYON	$23.8 MILLION
	FROM SAND CANYON TO ESCONDIDO	$31.8 MILLION
	FROM ESCONDIDO TO PEARBLOSSOM	$60.5 MILLION
	FROM ROUTE 5 TO SAN FERNANDO RD	$5.4 MILLION
	FROM PEARBLOSSOM TO AVE P-8	$32.3 MILLION
Current Peak Hr Volume:	1460 VEHICLES @ GOLDEN VALLEY	
Park & Ride Facilities: (lot name/city)	NEWHALL-EAST & WEST LOT/SANTA CLARITA; OAK CREEK/SANTA CLARITA; GOLDEN VALLEY/SANTA CLARITA; PEARBLOSSOM/ACTON; AVE S & GEIGER AVE/PALMDALE; AVE K @ ROUTE 14/LANCASTER	
Number of Ingress/Egress: (excludes begin/end HOV lane)	FROM AVENUE P-8 TO ROUTE 5	14 N/B, 15 S/B

Additional Information:

- Assembly Bill 1871 (AB 1871). Effective January 1, 2001, an 18-month demonstration project to evaluate part-time use of the HOV lanes on Route 14 between Santa Clarita and Palmdale. This project requires two (2+) or more persons per vehicle in the HOV lanes during peak periods (southbound direction, 5-9a.m.; northbound direction, 3-7p.m., Monday - Friday). Solo drivers are allowed to use the HOV lanes at all other times. The double-yellow buffer lines will remain throughout the demonstration, and users still need to observe the designated openings for entering and exiting the HOV lanes. Some of the openings (ingress/egress locations) were lengthened in April 2001 to provide more access on the steep uphill grades of the facility. FHWA has agreed with the recommendation of Caltrans to continue with the part-time operation of HOV lanes on Route 14 until such time as needed to convert to full-time.

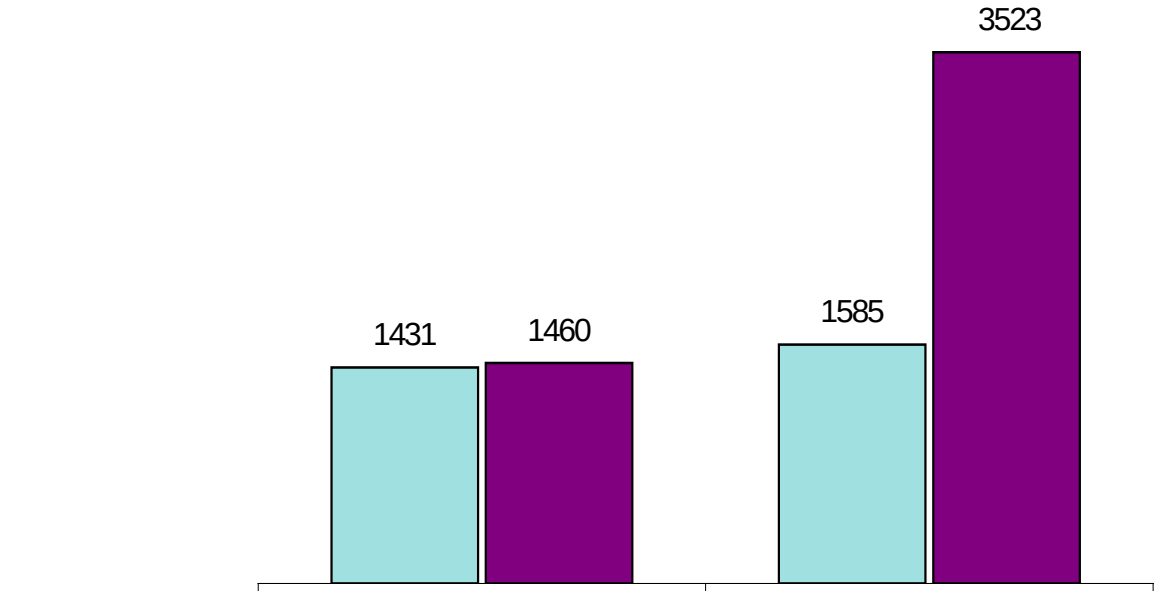
CALTRANS - DISTRICT 7

HOV Operation on Route 14

Co. Rte. Dir.	LA - 14 - SB		LA - 14 - NB	
Location	GOLDEN VALLEY		GOLDEN VALLEY	
Post Mile	29.68		29.68	
Date	10/07/08		10/30/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour	AM HOV Peak 2-Hour	PM HOV Peak Hour	PM HOV Peak 2-Hour
	6:30 - 7:30	6:30 - 8:30	16:15 - 17:15	15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	1380	2245	1034	2011
Vanpools	22	25	68	116
Buses	14	16	12	16
Motorcycles	44	75	39	75
HOV lane Violators	8	14	3	4
Total Vehicles in HOV Lane	1468	2375	1156	2222
Carpools Using Mainline	394	694	401	758
Hybrid Vehicles in HOV Lane	32	54	27	61
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	3058		2558	
People in Buses	421		360	
People on Motorcycles	44		39	
Violators	8		3	
Total HOV People	3531		2960	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	3		3	
Mixed-Flow Vehicles	4294		5138	
Mixed-Flow People	4755		5584	
Mixed-Flow People/Lane	1585		1861	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	4755		5584	
Total HOV People	3531		2960	
Total Freeway People	8286		8544	
Percent Carried in HOV Lane	42.61%		34.65%	
Percent Carried per Mixed-Flow Lane	19.13%		21.78%	
Occupancy (Peak Hour)				
HOV Occupancy	2.41		2.56	
Mainline Occupancy	1.11		1.09	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	2.23		1.59	

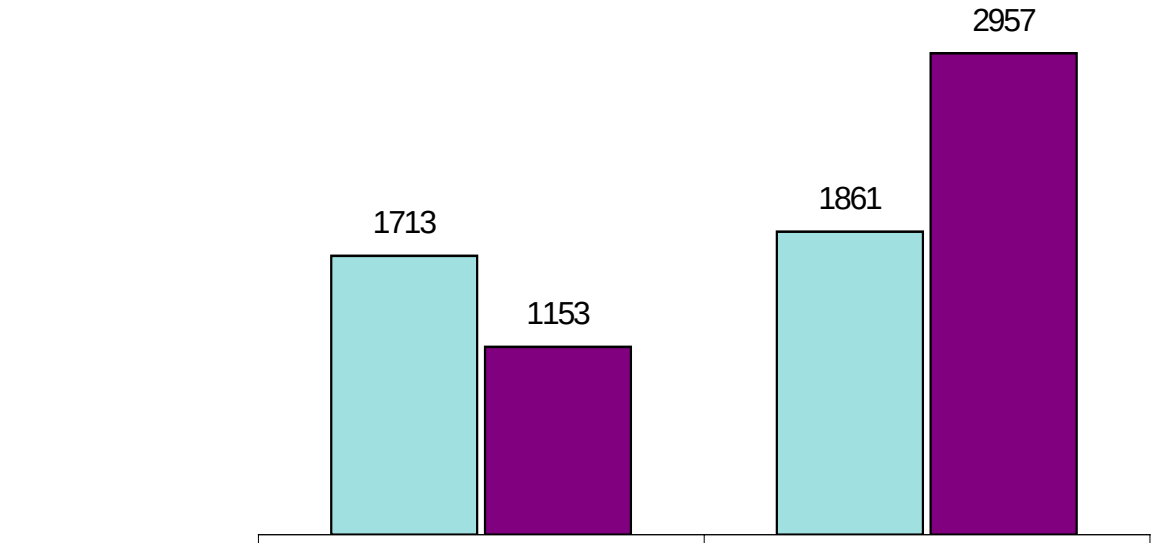
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1431	1585
HOV Lane	1460	3523

Location: LA-14-S/B @ Golden Valley
Date/Time: 10-07-08 / 6:30-7:30 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1713	1861
HOV Lane	1153	2957

Location: LA-14-N/B @ Golden Valley
Date/Time: 10-30-08 / 4:15-5:15 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

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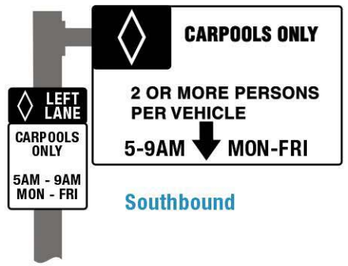
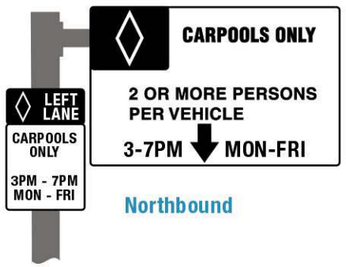
ANTELOPE VALLEY FREEWAY HOV LANE

Golden State Freeway (Rte 5) to Avenue P-8



Southbound



Northbound

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District 7 Graphic Services • 14 HOVegres/ing update • 02/11/09

FACT SHEET

ROUTE 57
ORANGE FREEWAY

Project Limits & Length:	FROM ROUTE 60 TO ORANGE CO. LINE; 4.5 CENTERLINE MILES
Date of Opening:	AUGUST 22, 1997
Cost:	$18.2 MILLION
Current Peak Hr Volume:	1377 VEHICLES @ PATHFINDER
Park & Ride Facilities: (Lot Name/City)	PATHFINDER/DIAMOND BAR; VIA VERDE/SAN DIMAS LANTERMAN/POMONA
Number of Ingress/Egress:	3 NORTHBOUND; 4 SOUTHBOUND

Additional Information:

- The freeway has High Occupancy Vehicle (HOV) Lane Direct Connectors at Route 57/60 interchange. Opening date: February 23, 2007.

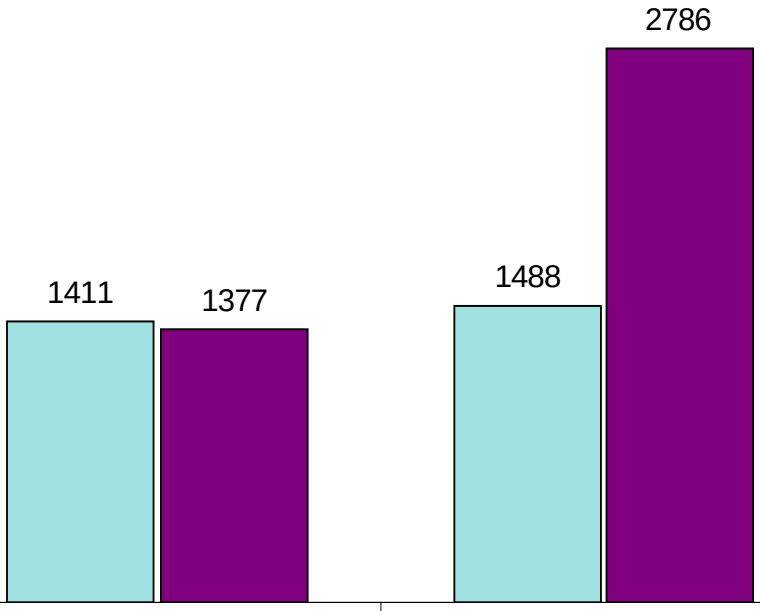
CALTRANS - DISTRICT 7

HOV Operation on Route 57

Co. Rte. Dir.	LA - 57 - SB		LA - 57 - NB	
Location	PATHFINDER		PATHFINDER	
Post Mile	3.16		3.16	
Date	10/02/08		10/02/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour	AM HOV Peak 2-Hour	PM HOV Peak Hour	PM HOV Peak 2-Hour
	6:45 - 7:45	6:30 - 8:30	15:15 - 16:15	15:00-17:00
HOV VEHICLE SUMMARY				
Carpools	1310	2373	1173	2145
Vanpools	6	13	14	106
Buses	3	9	0	0
Motorcycles	58	114	48	106
HOV lane Violators	1	12	3	6
Total Vehicles in HOV Lane	1378	2521	1238	2363
Carpools Using Mainline	300	595	395	675
Hybrid Vehicles in HOV Lane	80	158	33	75
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	2697		2497	
People in Buses	31		0	
People on Motorcycles	58		48	
Violators	1		3	
Total HOV People	2787		2548	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	4		4	
Mixed-Flow Vehicles	5645		4820	
Mixed-Flow People	5950		5240	
Mixed-Flow People/Lane	1488		1310	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	5950		5240	
Total HOV People	2787		2548	
Total Freeway People	8737		7788	
Percent Carried in HOV Lane	31.90%		32.72%	
Percent Carried per Mixed-Flow Lane	17.03%		16.82%	
Occupancy (Peak Hour)				
HOV Occupancy	2.02		2.06	
Mainline Occupancy	1.05		1.09	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	1.87		1.95	

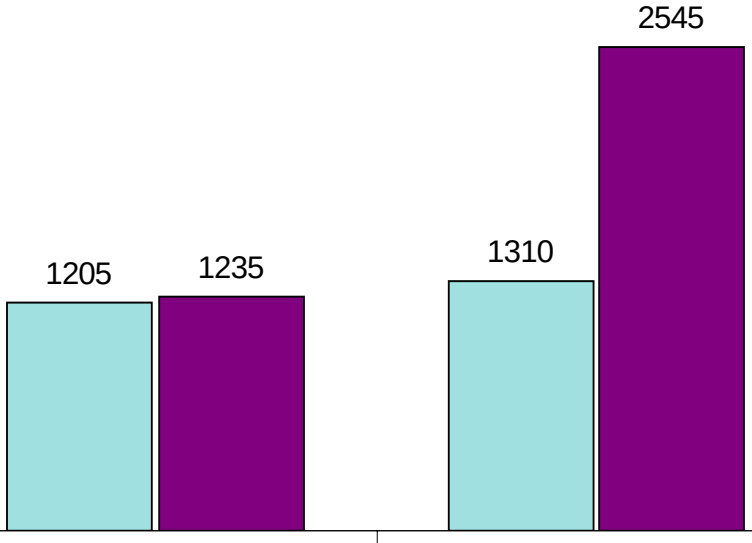
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1411	1488
HOV Lane	1377	2786

Location: LA-57-S/B @ Pathfinder
Date/Time: 10-02-08 / 6:45-7:45 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1205	1310
HOV Lane	1235	2545

Location: LA-57-N/B @ Pathfinder
Date/Time: 10-02-08 / 3:15-4:15 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

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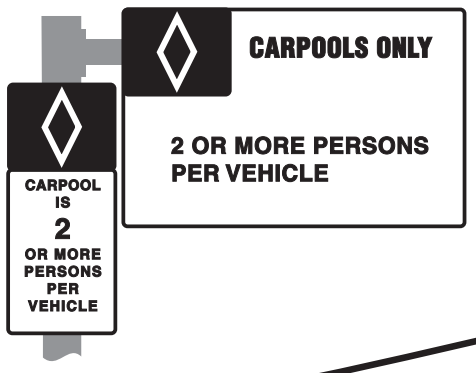
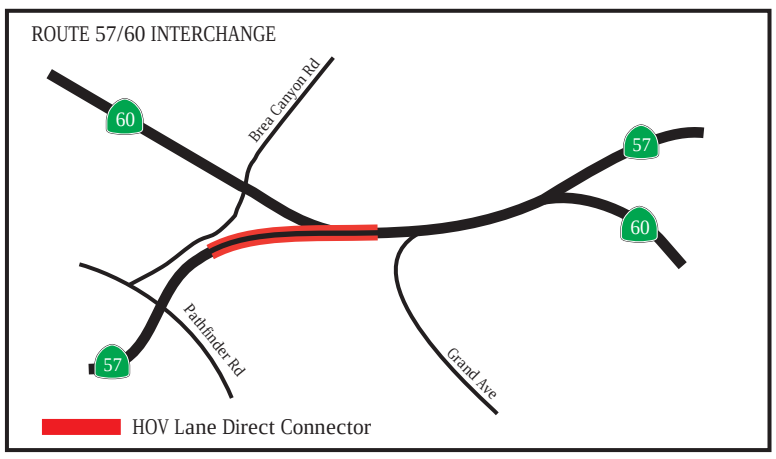
ORANGE FREEWAY HOV LANE

Pomona Freeway (Rte 60) to Orange County Line





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Rideshare Information (800) COMMUTE · Bike Lockers (213) 897-0235

District 7 Graphic Services • 57 HOVegres/ing • 8/31/08

FACT SHEET

ROUTE 60
POMONA FREEWAY

Project Limits & Length: (centerline miles)	FROM BREA CANYON TO RTE 57 N FROM RTE 57 N TO SBD CO. LINE	2.7 MILES 5.1 MILES
Date of Opening:	FROM BREA CANYON TO RTE 57 N FROM RTE 57 N TO SBD CO. LINE	FEB. 2, 1999 FEB. 2, 1999
Cost:	FROM BREA CANYON TO RTE 57 N FROM RTE 57 N TO SBD CO. LINE	$5.5 MILLION $20.8 MILLION
Current Peak Hr Volume:	1599 VEHICLES @ PHILLIPS RANCH	
Park & Ride Facilities: (lot name/city)	UNITED METH CHURCH/WALNUT; DIAMOND BAR-EAST & WEST/DIAMOND BAR	
Number of Ingress/Egress: (excludes begin/end HOV lane)	FROM SBD CO. LINE TO BREA CANYON	2 E/B, 3 W/B

Additional Information:

- The freeway has High Occupancy Vehicle (HOV) Lane Direct Connectors at Route 60/57 interchange. Opening date: February 23, 2007.

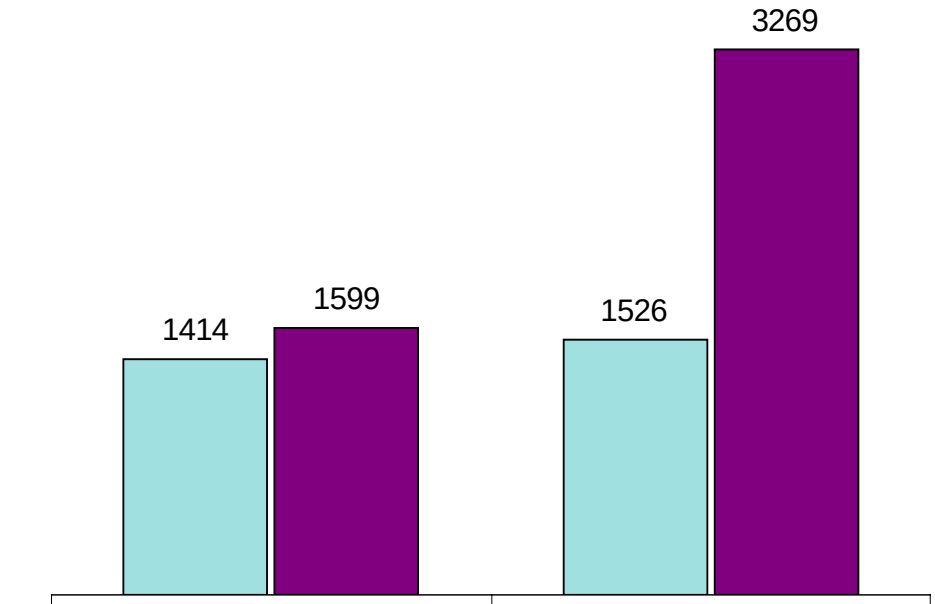
CALTRANS - DISTRICT 7

HOV Operation on Route 60

Co. Rte. Dir.	LA - 60 - WB		LA - 60 - EB	
Location	PHILLIPS RANCH		PHILLIPS RANCH	
Post Mile	28.04		28.04	
Date	10/21/08		10/21/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour	AM HOV Peak 2-Hour	PM HOV Peak Hour	PM HOV Peak 2-Hour
	6:30 - 7:30	6:30 - 8:30	15:15 - 16:15	15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	1538	2849	1152	2254
Vanpools	9	9	10	19
Buses	4	8	3	0
Motorcycles	48	86	27	61
HOV lane Violators	1	2	0	1
Total Vehicles in HOV Lane	1600	2954	1192	2335
Carpools Using Mainline	420	935	630	1175
Hybrid Vehicles in HOV Lane	26	57	33	60
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	3139		2407	
People in Buses	82		3	
People on Motorcycles	48		27	
Violators	1		0	
Total HOV People	3270		2437	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	4		4	
Mixed-Flow Vehicles	5655		5960	
Mixed-Flow People	6105		6670	
Mixed-Flow People/Lane	1526		1668	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	6105		6670	
Total HOV People	3270		2437	
Total Freeway People	9375		9107	
Percent Carried in HOV Lane	34.88%		26.76%	
Percent Carried per Mixed-Flow Lane	16.28%		18.31%	
Occupancy (Peak Hour)				
HOV Occupancy	2.04		2.04	
Mainline Occupancy	1.08		1.12	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	2.14		1.46	

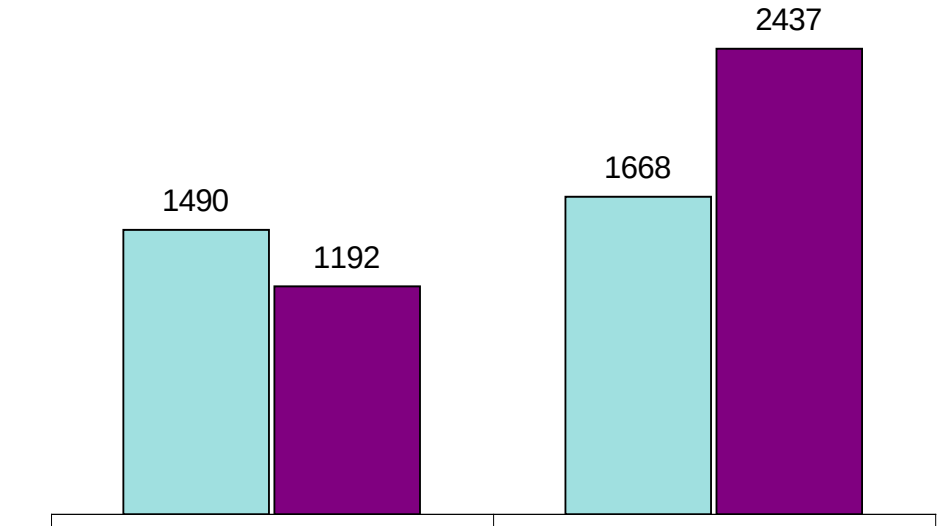
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1414	1526
HOV Lane	1599	3269

Location: LA-60-W/B @ Phillips Ranch
Date/Time: 10-21-08 / 6:30-7:30 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1490	1668
HOV Lane	1192	2437

Location: LA-60-E/B @ Phillips Ranch
Date/Time: 10-21-08 / 3:15-4:15 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

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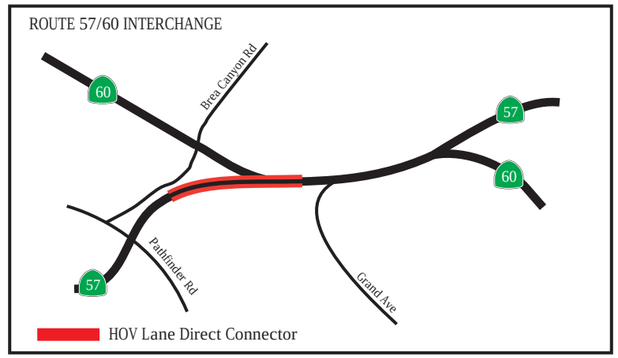
POMONA FREEWAY HOV LANE

Brea Canyon Road to San Bernardino County Line

60

NORTH



CARPOOLS ONLY

2 OR MORE PERSONS PER VEHICLE

CARPOOL IS 2 OR MORE PERSONS PER VEHICLE

Brea Cyn Rd

Diamond Bar Blvd NORTH 57

Mission Rd

Golden Springs Dr

Diamond Bar Blvd

Pomona

71

Old Pomona Rd

CARPOOL LANE EXIT

Rio Rancho Rd

Garey Ave

Towne Ave

Reservoir St

Rio Rancho Rd

County Rd

60

Riverside Dr

Garey Ave

Phillips Ranch Rd

Chino Hills

71

Diamond Bar

Phillips Ranch Rd

60

57

Grand Ave

Industry

END CARPOOL LANE

Brea Canyon Rd

Golden Springs Dr

Grand Ave

Diamond Bar Blvd

71 Garey

60

BEGIN CARPOOL LANE

Diamond Bar

Los Angeles County

San Bernardino County

Chino Hills Parkway

57

CARPOOL VIOLATION $341 MINIMUM FINE

NO SCALE

Caltrans

District 7 Graphic Services • 60 HOV • 8/23/07

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FACT SHEET

ROUTE 91
ARTESIA FREEWAY

Project Limits & Length: (centerline miles)	FROM ROUTE 110 TO ROUTE 605 FROM ROUTE 605 TO ORANGE CO. LINE	10.5 MILES 4.9 MILES
Date of Opening:	FROM ROUTE 110 TO ROUTE 605 FROM ROUTE 110 TO ROUTE 605 FROM ROUTE 605 TO ORANGE CO. LINE	JUNE 10, 1985 (E/B) MARCH 11, 1993 (W/B) NOVEMBER 1994
Cost:	FROM ROUTE 110 TO ROUTE 605 FROM ROUTE 605 TO ORANGE CO. LINE	$ 0.7 MILLION $ 0.9 MILLION
Current Peak Hr Volume:	1438 VEHICLES @ BLOOMFIELD	
Park & Ride Facilities: (lot name/city)	----------	
Number of Ingress/Egress: (excludes begin/end HOV lane)	FROM ORA. CO. LINE TO ROUTE 110	5 E/B, 6 W/B

Additional Information:

- Temporary High Occupancy Vehicle (HOV) lane closure on Route 91 to replace pavement and median barrier and upgrade HOV lane signing.

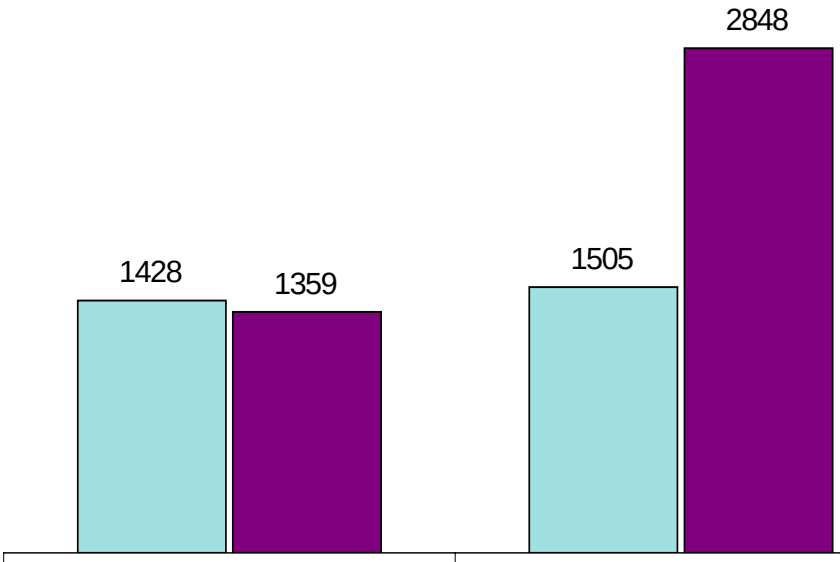
CALTRANS - DISTRICT 7

HOV Operation on Route 91

Co. Rte. Dir.	LA - 91 - WB		LA - 91 - EB	
Location	BLOOMFIELD		ARTESIA	
Post Mile	19.17		19.43	
Date	10/23/08		10/23/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour	AM HOV Peak 2-Hour	PM HOV Peak Hour	PM HOV Peak 2-Hour
	6:30 - 7:30	6:30 - 8:30	15:30 - 16:30	15:00-17:00
HOV VEHICLE SUMMARY				
Carpools	1261	2478	1305	2578
Vanpools	17	28	44	142
Buses	5	9	12	16
Motorcycles	76	140	77	142
HOV lane Violators	2	20	10	17
Total Vehicles in HOV Lane	1361	2675	1448	2895
Carpools Using Mainline	300	555	580	1130
Hybrid Vehicles in HOV Lane	145	290	94	184
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	2670		2964	
People in Buses	102		341	
People on Motorcycles	76		77	
Violators	2		10	
Total HOV People	2850		3392	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	4		4	
Mixed-Flow Vehicles	5710		6560	
Mixed-Flow People	6020		7215	
Mixed-Flow People/Lane	1505		1804	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	6020		7215	
Total HOV People	2850		3392	
Total Freeway People	8870		10607	
Percent Carried in HOV Lane	32.13%		31.98%	
Percent Carried per Mixed-Flow Lane	16.97%		17.01%	
Occupancy (Peak Hour)				
HOV Occupancy	2.09		2.34	
Mainline Occupancy	1.05		1.10	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	1.89		1.88	

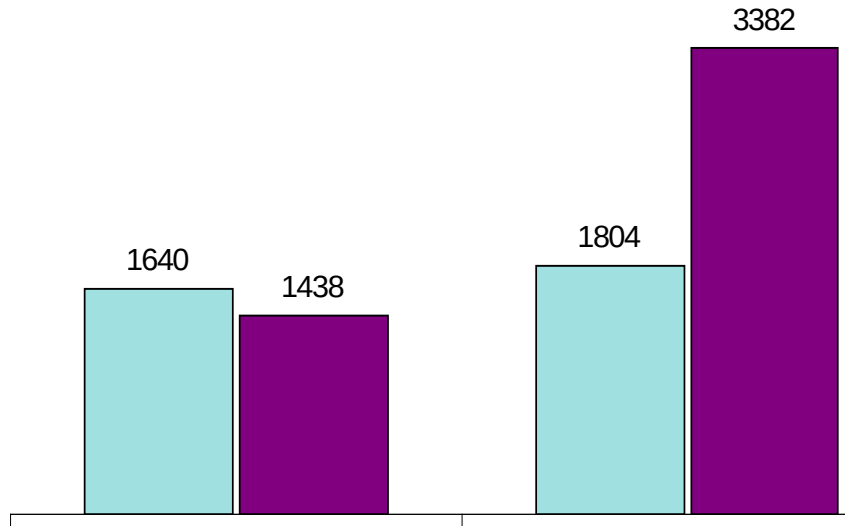
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1428	1505
HOV Lane	1359	2848

Location: LA-91-W/B @ Bloomfield
Date/Time: 10-23-08 / 6:30-7:30 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1640	1804
HOV Lane	1438	3382

Location: LA-91-E/B @ Artesia
Date/Time: 10-23-08 / 3:30-4:30 PM
Note (1): Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.
Note (2): Bloomfield/Artesia volume is used due to temporary HOV lane closure at Wilmington.

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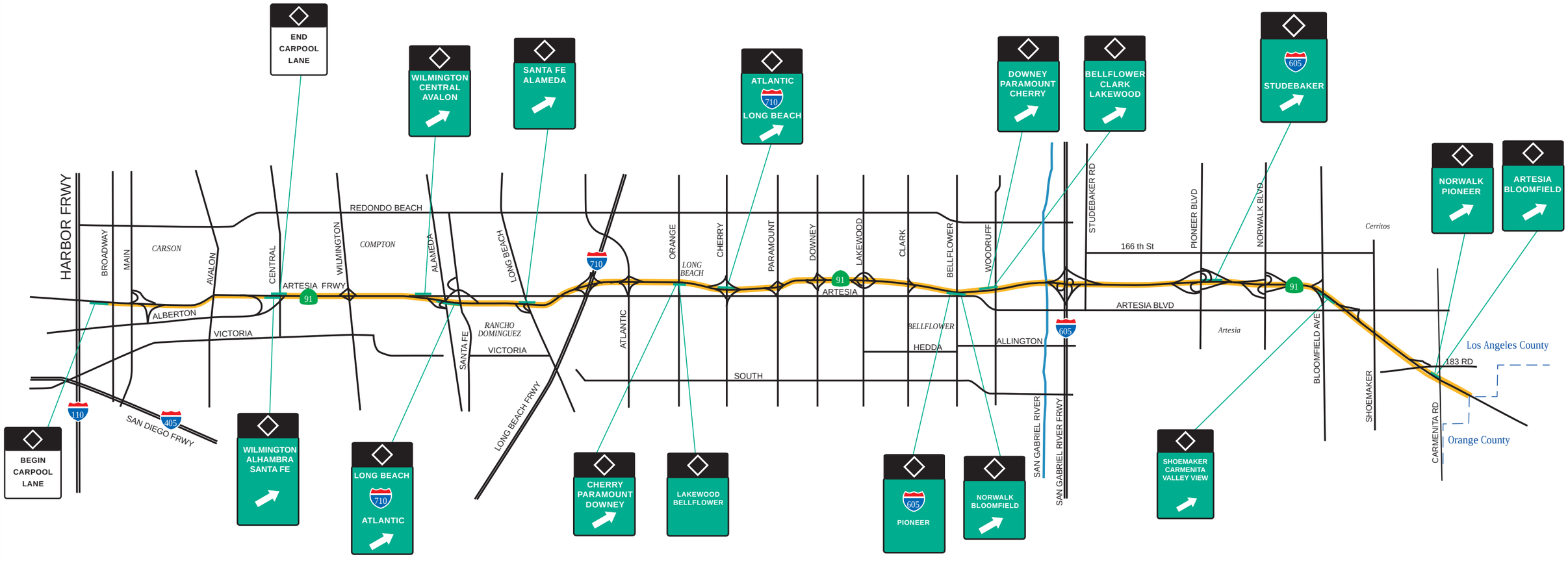
91

ARTESIA FREEWAY HOV LANE

Harbor Freeway (Rte110) to Orange County Line



CARPOOL VIOLATION

$341

MINIMUM FINE

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Rideshare Information (800) COMMUTE · Bike Lockers (213) 897-0235

NO SCALE

Caltrans

District 7 Graphic Services •91 HOVegres/ing • 8/21/07

FACT SHEET

ROUTE 105
GLENN ANDERSON/
CENTURY FREEWAY

Project Limits & Length:	FROM ROUTE 405 TO ROUTE 605; 16.0 CENTERLINE MILES
Date of Opening:	OCTOBER 14, 1993
Cost:	$ 230.0 MILLIION
Current Peak Hr Volume:	1506 VEHICLES @ LONG BEACH BLVD
Park & Ride Facilities: (lot name/city)	AVIATION/EL SEGUNDO; HAWTHORNE (3 SECTIONS)/HAWTHORNE; CRENSHAW/HAWTHORNE; VERMONT AVE (2 SECTIONS)/ATHENS; CENTURY/HARBOR (2 SECTIONS)/LOS ANGELES; AVALON (2 SECTIONS)/LOS ANGELES; WILLOWBROOK/IMPERIAL (3 SECTIONS)/WILLOWBROOK; LONG BEACH BLVD (2 SECTIONS)/LYNWOOD; LAKEWOOD BLVD (2 SECTIONS)/DOWNEY; I-105 TERMINATION/NORWALK
Number of Ingress/Egress: (excludes begin/end HOV lane)	5 WESTBOUND; 6 EASTBOUND

Additional Information:

- The freeway has High Occupancy Vehicle (HOV) Lane Direct Connectors at Route 105/110 interchange.

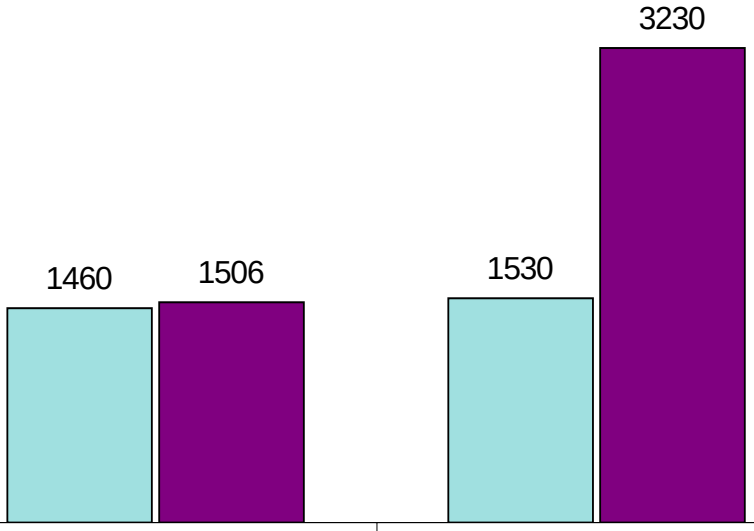
CALTRANS - DISTRICT 7

HOV Operation on Route 105

Co. Rte. Dir.	LA - 105 - WB		LA - 105 - EB	
Location	LONG BEACH		LONG BEACH	
Post Mile	11.51		11.51	
Date	11/18/08		10/23/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour	AM HOV Peak 2-Hour	PM HOV Peak Hour	PM HOV Peak 2-Hour
	6:30 - 7:30	6:30 - 8:30	15:45 - 16:45	15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	1407	2669	1267	2437
Vanpools	10	26	32	60
Buses	7	16	12	15
Motorcycles	82	135	63	123
HOV lane Violators	18	29	31	62
Total Vehicles in HOV Lane	1524	2875	1405	2697
Carpools Using Mainline	188	360	428	713
Hybrid Vehicles in HOV Lane	48	104	51	93
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	3036		3038	
People in Buses	112		331	
People on Motorcycles	82		63	
Violators	18		31	
Total HOV People	3248		3463	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	3		3	
Mixed-Flow Vehicles	4380		4406	
Mixed-Flow People	4590		4909	
Mixed-Flow People/Lane	1530		1636	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	4590		4909	
Total HOV People	3248		3463	
Total Freeway People	7838		8372	
Percent Carried in HOV Lane	41.44%		41.37%	
Percent Carried per Mixed-Flow Lane	19.52%		19.54%	
Occupancy (Peak Hour)				
HOV Occupancy	2.13		2.46	
Mainline Occupancy	1.05		1.11	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	2.12		2.12	

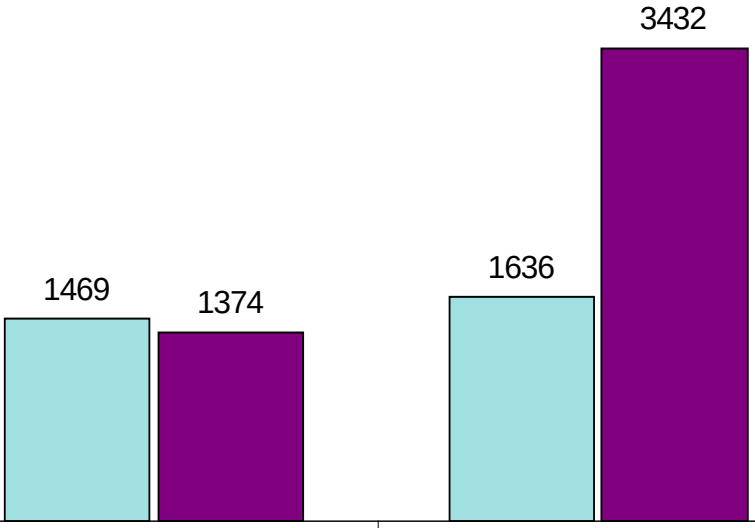
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per lane	People Per Lane
Mixed Flow Lane	1460	1530
HOV Lane	1506	3230

Location: LA-105-W/B @ Long Beach Blvd
Date/Time: 11-18-08 / 6:30-7:30 AM



	Vehicles Per lane	People Per Lane
Mixed Flow Lane	1469	1636
HOV Lane	1374	3432

Location: LA-105-E/B @ Long Beach Blvd
Date/Time: 10-23-08 / 3:45-4:45 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

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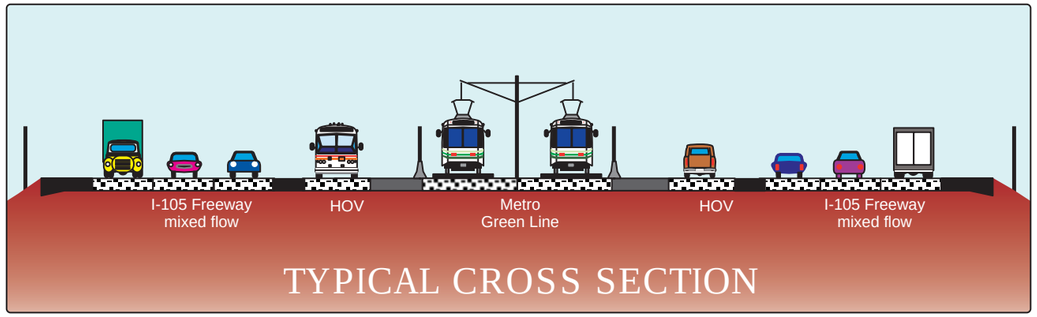
GLENN ANDERSON (CENTURY) FREEWAY HOV LANE

San Diego Freeway (Rte 405) to San Gabriel River Freeway (Rte 605)



TYPICAL CROSS SECTION

END CARPOOL LANE

La Cienega Aviation

Crenshaw Prairie Hawthorne

South Vermont

Long Beach Wilmington Central

CARPOOL EXIT OK

BEGIN CARPOOL LANE

Crenshaw

Vermont South Central

Wilmington Long Beach

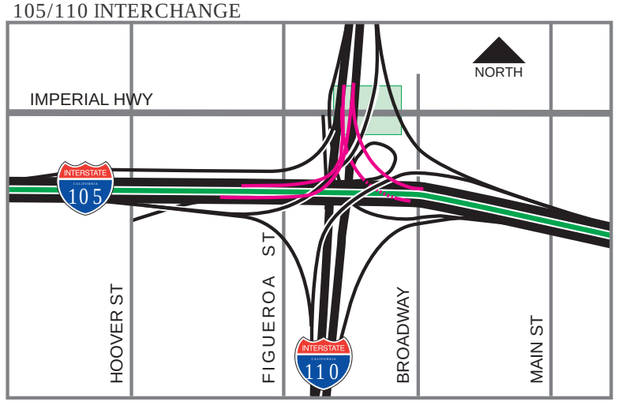
Garfield

Lakewood Bellflower

NORTH

Not to Scale

105/110 INTERCHANGE



Freeway to Freeway HOV Connectors
Metro Green Line (Open by June '95)
Transit Station (Open by June '95)

CARPOOL VIOLATION
$341
MINIMUM FINE

NO SCALE

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Rideshare Information (800) COMMUTE | Bike Lockers (213) 897-0235

District 7 Graphic Services • 105 HOV Map• 8/15/07

FACT SHEET

ROUTE 110
HARBOR FREEWAY

Project Limits & Length:	FROM ADAMS BLVD TO ROUTE 91; 10.7 CENTERLINE MILES
Date of Opening:	JUNE 26, 1996
Cost:	$ 344.0 MILLION
Current Peak Hr Volume:	2966 VEHICLES ON 2 HOV LANES @ SLAUSON AVE
Park & Ride Facilities: (lot name/city)	SAN PEDRO II/SAN PEDRO; SAN PEDRO/SAN PEDRO; HARBOR PARK/WILMINGTON; CARSON/LOS ANGELES; ARTESIA/LOS ANGELES; ROSECRANS/LOS ANGELES; MANCHESTER/LOS ANGELES; SLAUSON/LOS ANGELES
Number of Ingress/Egress: (excludes begin/end HOV lane)	3 IN EACH DIRECTION

Additional Information:

- 10.3 miles of exclusive transitway with 2.6 miles of elevated structures that are 67-ft wide.
- North of Route 105, the 110 Transitway has two HOV lanes in each direction.
- Direct HOV drop ramps at Adams Boulevard and 39th Street.
- Senate Bill 1422 (SB 1422) was signed by the Governor on September 28, 2008, which authorized a value-pricing and transit development demonstration program involving High Occupancy Toll (HOT) lanes to be conducted, administered, developed, and operated on Route 10 from Alameda Street (Union Station) to Route 605 and on Route 110 from Adams Boulevard to 182nd Street (Artesia Transit Center) by the Los Angeles County Metropolitan Transportation Authority (LACMTA). The United States Department of Transportation has entered into a memorandum of understanding with the LACMTA and the Department of Transportation to award $210.6 million in federal transit funding for the purpose of enabling LACTMA to carry out a demonstration program where High Occupancy Vehicle (HOV) lanes on selected freeways in Los Angeles County would be converted into HOT lanes during the demonstration period. The target date for implementation of this demonstration program is December 31, 2010. The bill requires the LACMTA and the Department of Transportation to report to the Legislature by December 31, 2012, on the demonstration program.

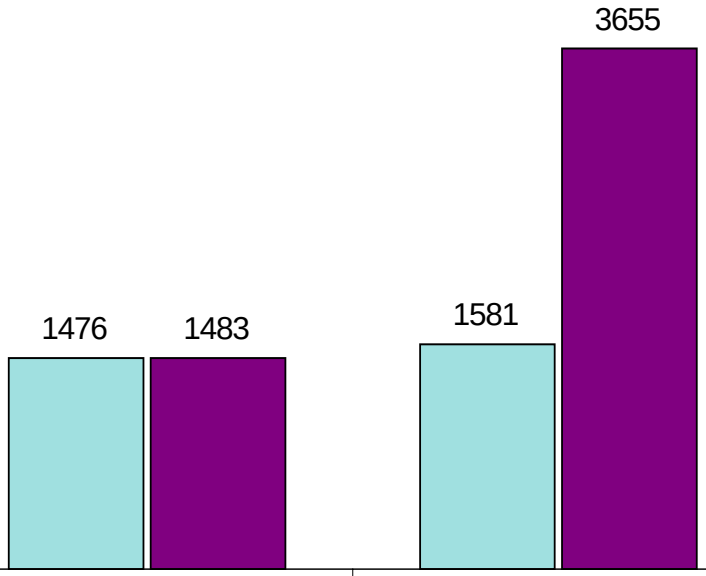
CALTRANS - DISTRICT 7

HOV Operation on Route 110

Co. Rte. Dir.	LA - 110 - NB		LA - 110 - SB	
Location	SLAUSON		SLAUSON	
Post Mile	17.98		17.98	
Date	11/04/08		10/16/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour	AM HOV Peak 2-Hour	PM HOV Peak Hour	PM HOV Peak 2-Hour
	6:45 - 7:45	6:30 - 8:30	16:15 - 17:15	15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	2885	5153	2175	4128
Vanpools	22	40	33	46
Buses	39	80	63	83
Motorcycles	20	38	74	151
HOV lane Violators	8	12	55	99
Total Vehicles in HOV Lane	2974	5323	2400	4507
Carpools Using Mainline	360	660	420	870
Hybrid Vehicles in HOV Lane	235	498	183	300
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	6066		4914	
People in Buses	1223		1860	
People on Motorcycles	20		74	
Violators	8		55	
Total HOV People	7317		6903	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	4		4	
Mixed-Flow Vehicles	5905		5140	
Mixed-Flow People	6325		5610	
Mixed-Flow People/Lane	1581		1403	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	6325		5610	
Total HOV People	7317		6903	
Total Freeway People	13642		12513	
Percent Carried in HOV Lane	53.64%		55.17%	
Percent Carried per Mixed-Flow Lane	11.59%		11.21%	
Occupancy (Peak Hour)				
HOV Occupancy	2.46		2.88	
Mainline Occupancy	1.07		1.09	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	4.63		4.92	

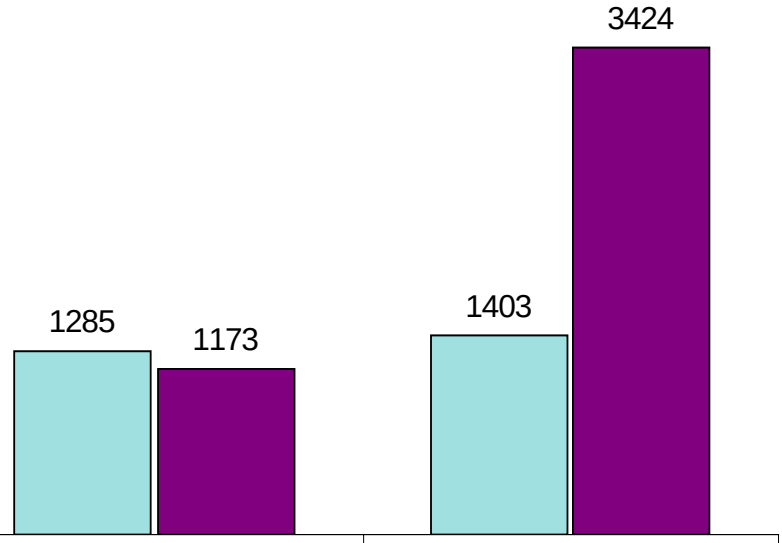
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1476	1581
HOV Lane	1483	3655

Location: LA-110-N/B @ Slauson Ave
Date/Time: 11-04-08 / 6:45-7:45 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1285	1403
HOV Lane	1173	3424

Location: LA-110-S/B @ Slauson Ave
Date/Time: 10-16-08 / 3:15-4:15 PM
Two (2) HOV lanes at this location. Data shown represents volume on one (1) HOV lane

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TRANSITWAY 110

Harbor Freeway HOV Lane
Adams Blvd to Artesia Freeway (Rte 91)

CARPOOLS ONLY

2 OR MORE PERSONS PER VEHICLE

CARPOOL IS 2 OR MORE PERSONS PER VEHICLE

NORTH

ELEVATED HOV LANE

ONE HOV LANE

2 HOV LANES

1 HOV LANE

BEGIN CARPOOL LANE

END CARPOOL LANE

Manchester Century Blvd

Gage Ave Slauson Ave Vernon Ave

Imperial El Segundo

Rosecrans Redondo

Imperial Hwy Century Blvd

END CARPOOL LANE

Rosecrans El Segundo

BEGIN CARPOOL LANE

WASHINGTON BLVD
ADAMS BLVD
28th ST
JEFFERSON BLVD
EXPOSITION BLVD
39th ST
HOPE
33rd ST
MARTIN LUTHER KING JR BLVD
VERNON AVE
SLAUSON
GAGE
HUNTINGTON PARK
FLORENCE AVE
INGLEWOOD
NORMANDIE AVE
MANCHESTER AVE
AVALON BLVD
CENTURY BLVD
VERMONT
FIGUEROA
IMPERIAL HWY
MAIN
LYNWOOD
EL SEGUNDO BLVD
HAWTHORNE
ROSECRANS AVE
BROADWAY
CENTRAL
ALAMEDA
COMPTON
ALONDRA BLVD
REDONDO BEACH BLVD
ARTESIA TRANSIT CENTER
182ND ST
VICTORIA ST

10 110 105 405 42 91

CARPOOL VIOLATION $341 MINIMUM FINE

NO SCALE

Caltrans

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Rideshare Information (800) COMMUTE · Bike Lockers (213) 897-0235

110 HOV Egress/ing • 07/29/08

FACT SHEET

ROUTE 118
RONALD REAGAN FREEWAY

Project Limits & Length:	FROM VENTURA CO. LINE TO RTE 5; 11.4 CENTERLINE MILES
Date of Opening:	MARCH 7, 1997
Cost:	$23.2 MILLION
Current Peak Hr Volume:	1198 VEHICLES @ RESEDA BLVD
Park & Ride Facilities: (lot name/city)	LUTHERAN CHURCH/GRANADA HILLS; PORTER RANCH/CHATSWORTH; MOORPARK COLLEGE/MOORPARK; ERRINGER/SIMI VALLEY; SYCAMORE DR/SIMI VALLEY; FARMER'S INSURANCE/SIMI VALLEY; STEARNS/SIMI VALLEY; TAPO CANYON/SIMI VALLEY; CHATSWORTH/GRANADA HILLS
Number of Ingress/Egress: (excludes begin/end HOV lane)	4 EASTBOUND; 5 WESTBOUND

Additional Information:

- The construction of this HOV facility included the addition of a general purpose lane.

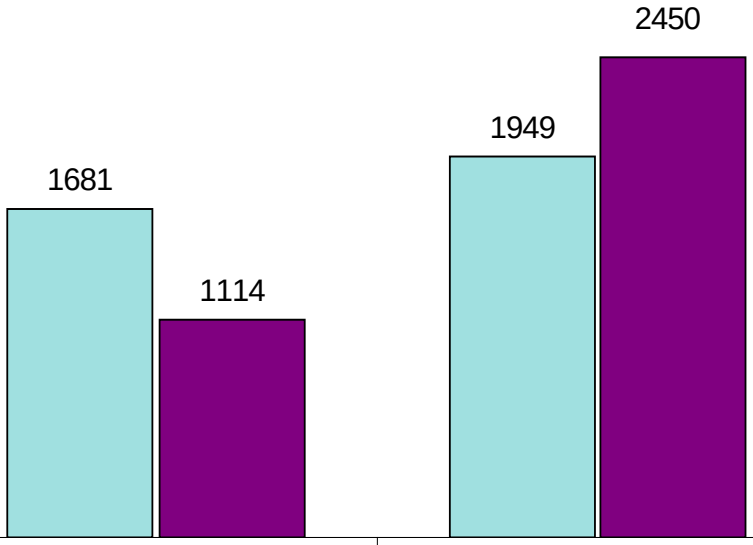
CALTRANS - DISTRICT 7

HOV Operation on Route 118

Co. Rte. Dir.	LA - 118 - WB		LA - 118 - EB	
Location	RESEDA		RESEDA	
Post Mile	5.81		5.81	
Date	10/01/08		10/28/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour 7:00 - 8:00	AM HOV Peak 2-Hour 6:30 - 8:30	PM HOV Peak Hour 16:15 - 17:15	PM HOV Peak 2-Hour 15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	1069	1669	1141	2036
Vanpools	13	13	21	35
Buses	2	3	3	2
Motorcycles	30	46	33	61
HOV lane Violators	18	30	15	27
Total Vehicles in HOV Lane	1132	1761	1213	2161
Carpools Using Mainline	1194	1944	595	1220
Hybrid Vehicles in HOV Lane	18	40	21	32
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	2340		2569	
People in Buses	80		81	
People on Motorcycles	30		33	
Violators	18		15	
Total HOV People	2468		2698	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	5		4	
Mixed-Flow Vehicles	8406		5850	
Mixed-Flow People	9744		6535	
Mixed-Flow People/Lane	1949		1634	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	9744		6535	
Total HOV People	2468		2698	
Total Freeway People	12212		9233	
Percent Carried in HOV Lane	20.21%		29.22%	
Percent Carried per Mixed-Flow Lane	15.96%		17.69%	
Occupancy (Peak Hour)				
HOV Occupancy	2.18		2.22	
Mainline Occupancy	1.16		1.12	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	1.27		1.65	

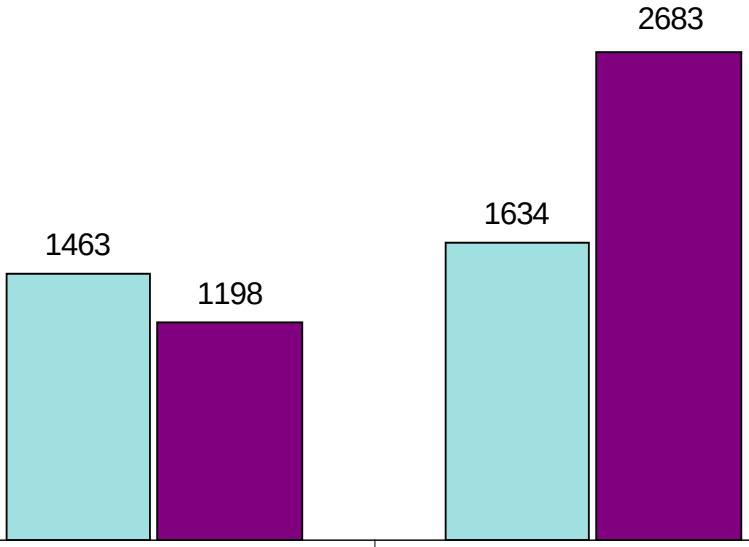
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1681	1949
HOV Lane	1114	2450

Location: LA-118-W/B @ Reseda Blvd
Date/Time: 10-01-08 / 7:00-8:00 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1463	1634
HOV Lane	1198	2683

Location: LA-118-E/B @ Reseda Blvd
Date/Time: 10-28-08 / 3:15-4:15 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

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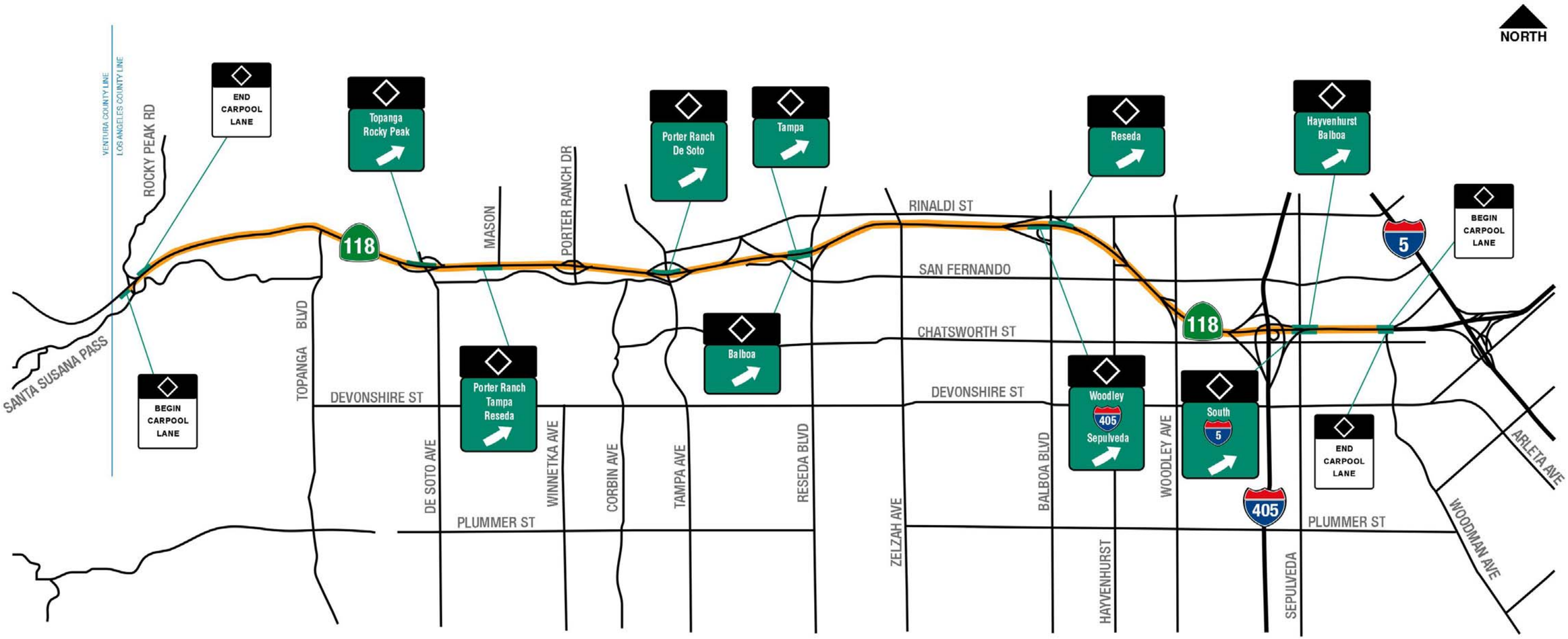
RONALD REAGAN FREEWAY HOV LANE

Ventura County Line to Golden State Freeway (Rte 5)



CARPOOLS ONLY

2 OR MORE PERSONS PER VEHICLE

CARPOOL IS 2 OR MORE PERSONS PER VEHICLE

CARPOOL VIOLATION $341 MINIMUM FINE

NO SCALE

Caltrans

District 7 Graphic Services • 118 HOVegres/ng • 02/02/09

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Rideshare Information (800) COMMUTE | Bike Lockers (213) 897-0235

FACT SHEET

ROUTE 134
VENTURA FREEWAY

Project Limits & Length: (centerline miles)	FROM ROUTE 101/170 TO ROUTE 5 FROM ROUTE 5 TO ROUTE 2 FROM ROUTE 2 TO ROUTE 210	5.1 MILES 4.1 MILES 3.6 MILES
Date of Opening:	ROUTE 101/170 TO ROUTE 5 ROUTE 5 TO ROUTE 2 ROUTE 2 TO ROUTE 210	OCTOBER 2, 1995 MARCH 12, 1996 AUGUST 30, 1996
Cost:	ROUTE 101/170 TO ROUTE 5 ROUTE 5 TO ROUTE 2 ROUTE 2 TO ROUTE 210	$6.6 MILLION $5.0 MILLION $7.8 MILLION
Current Peak Hr Volume:	894 VEHICLES @ JACKSON ST	
Park & Ride Facilities: (lot name/city)	GLENDALE/GLENDALE	
Number of Ingress/Egress: (excludes begin/end HOV lane)	ROUTE 101/170 TO ROUTE 5 ROUTE 5 TO ROUTE 2 10	2 IN EACH DIRECITON 4 IN EACH DIRECTION

Additional Information:

- High Occupancy Vehicle (HOV) lane discontinuity at Route 5 due to Route 134/Route 5 connectors.
- Due to construction on westbound ramps at Hollywood Way, HOV lane limits on westbound Route 134 has been temporarily modified.

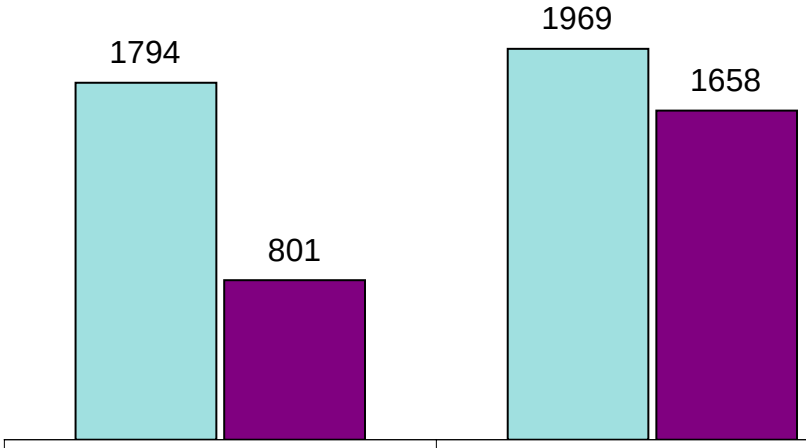
CALTRANS - DISTRICT 7

HOV Operation on Route 134

Co. Rte. Dir.	LA - 134 - WB		LA - 134 - EB	
Location	JACKSON		JACKSON	
Post Mile	7.41		7.41	
Date	10/30/08		10/30/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour	AM HOV Peak 2-Hour	PM HOV Peak Hour	PM HOV Peak 2-Hour
	7:30 - 8:30	6:30 - 8:30	16:30 - 17:30	15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	737	1269	846	1613
Vanpools	9	26	20	35
Buses	0	0	2	1
Motorcycles	55	73	26	51
HOV lane Violators	2	3	0	0
Total Vehicles in HOV Lane	803	1371	894	1700
Carpools Using Mainline	655	1200	665	1200
Hybrid Vehicles in HOV Lane	70	110	69	115
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	1603		1897	
People in Buses	0		2	
People on Motorcycles	55		26	
Violators	2		0	
Total HOV People	1660		1925	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	4		4	
Mixed-Flow Vehicles	7175		7235	
Mixed-Flow People	7875		7985	
Mixed-Flow People/Lane	1969		1996	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	7875		7985	
Total HOV People	1660		1925	
Total Freeway People	9535		9910	
Percent Carried in HOV Lane	17.41%		19.42%	
Percent Carried per Mixed-Flow Lane	20.65%		20.14%	
Occupancy (Peak Hour)				
HOV Occupancy	2.07		2.15	
Mainline Occupancy	1.10		1.10	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	0.84		0.96	

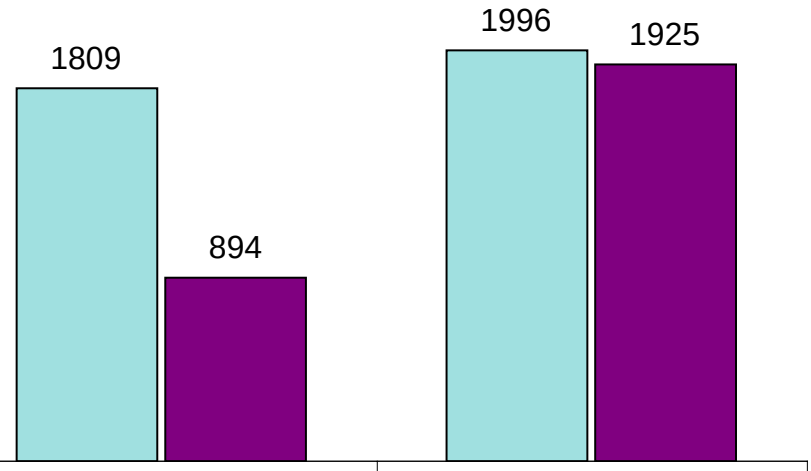
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1794	1969
HOV Lane	801	1658

Location: LA-134-W/B @ Jackson St.
Date/Time: 10-30-08 / 7:30-8:30 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1809	1996
HOV Lane	894	1925

Location: LA-134-E/B @ Jackson St.
Date/Time: 10-30-08 / 4:30-5:30 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

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VENTURA FREEWAY HOV LANE

Ventura Freeway (Rte 101) to Foothill Freeway (Rte 210)

134

CARPOOLS ONLY

2 OR MORE PERSONS PER VEHICLE

CARPOOL IS 2 OR MORE PERSONS PER VEHICLE

NORTH

END CARPOOL LANE

CAHUENGA LANKERSHIM 170

HOLLYWOOD WAY

BEGIN CARPOOL LANE

END CARPOOL LANE

SAN FERNANDO 5

BRAND CENTRAL PACIFIC

2 HARVEY GLENDALE

CARPOOL ENTRANCE

BURBANK BLVD

VAN NUYS

MAGNOLIA BLVD

HOLLYWOOD FWY

LANKERSHIM BLVD

TUJUNGA AVE

VINELAND AVE

LAUREL CANYON BLVD

CAHUENGA BLVD

BURBANK

GLENOAKS BLVD

BUENA VISTA AVE

VAN NUYS BLVD

WOODMAN AVE

COLDWATER CYN

VENTURA FWY

101

170

NORTH HOLLYWOOD

HOLLYWOOD WAY

PASS AVE

134

LA ZOO

VERDUGO RD

GLENDALE

GLENOAKS AVE

EAGLE ROCK RESERVOIR

GLENDALE

159

ROSEBOWL

ARROYO BLVD

210

PASADENA

FAIROAKS

ORANGE GROVE

MOORPARK ST

VENTURA BLVD

CBS

STUDIO CITY

LOS ANGELES RIVER

SAN RAFAEL

BROADWAY

PACIFIC

BRAND

CENTRAL

SAN FERNANDO RD

COLORADO

EAGLE ROCK

COLORADO

710

AMTRAK

PLAZA PASADENA

CALIFORNIA

BEVERLY GLEN BLVD

SHERMAN OAKS

UNIVERSAL CITY

GRIFFITH PARK

5

GELENDALE AVE

CHEVY CHASSE DR

EAGLE ROCK PLAZA

YOSEMITE

LOMA ROAD

EAGLEROCK BLVD

FIGUEROA

VERDUGO RD

HYPERION

GLENDALE FWY

FLETCHER

110

BEGIN CARPOOL LANE

BOB HOPE BUENA VISTA

FOREST LAWN VICTORY 5

END CARPOOL LANE

BEGIN CARPOOL LANE

GLENDALE

2 HARVEY

FIGUEROA ST

SAN RAFAEL COLORADO ORANGE GROVE

WEST 210 FAIROAKS

LAKE AVE HILL AVE

CARPOOL VIOLATION

$341

MINIMUM FINE

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Rideshare Information (800) COMMUTE · Bike Lockers (213) 897-0235

NO SCALE

Caltrans

District 7 Graphic Services • 134 HOVegres/ing • 8/21/07

FACT SHEET

ROUTE 170
HOLLYWOOD FREEWAY EXTENSION

Project Limits & Length:	FROM ROUTE 101/134 TO ROUTE 5; 6.1 CENTERLINE MILES
Date of Opening:	FEBUARY 11, 1996
Cost:	$7.3 MILLION
Current Peak Hr Volume:	1160 VEHICLES @ SHERMAN WAY
Park & Ride Facilities: (lot name/city)	RTE 170 @ OXNARD/NORTH HOLLYWOOD
Number of Ingress/Egress: (excludes begin/end HOV lane)	2 IN EACH DIRECTION

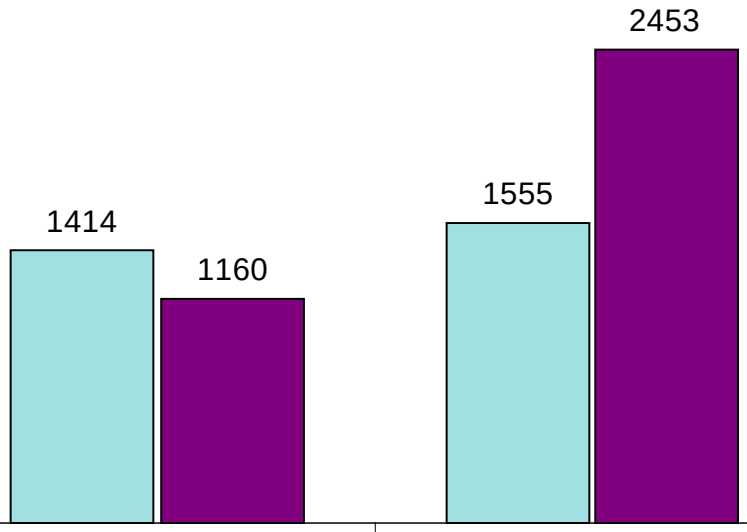
CALTRANS - DISTRICT 7

HOV Operation on Route 170

Co. Rte. Dir.	LA - 170 - SB		LA - 170 - NB	
Location	SHERMAN WAY		SHERMAN WAY	
Post Mile	18.27		18.27	
Date	10/30/08		11/04/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour 6:45 - 7:45	AM HOV Peak 2-Hour 6:30 - 8:30	PM HOV Peak Hour 16:00 - 17:00	PM HOV Peak 2-Hour 15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	1125	1947	607	1192
Vanpools	8	13	18	26
Buses	4	6	6	11
Motorcycles	23	50	7	14
HOV lane Violators	1	1	0	1
Total Vehicles in HOV Lane	1161	2017	638	1244
Carpools Using Mainline	515	940	485	795
Hybrid Vehicles in HOV Lane	46	89	41	91
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	2378		1360	
People in Buses	52		181	
People on Motorcycles	23		7	
Violators	1		0	
Total HOV People	2454		1548	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	4		4	
Mixed-Flow Vehicles	5655		4035	
Mixed-Flow People	6220		4585	
Mixed-Flow People/Lane	1555		1146	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	6220		4585	
Total HOV People	2454		1548	
Total Freeway People	8674		6133	
Percent Carried in HOV Lane	28.29%		25.24%	
Percent Carried per Mixed-Flow Lane	17.93%		18.69%	
Occupancy (Peak Hour)				
HOV Occupancy	2.11		2.43	
Mainline Occupancy	1.10		1.14	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	1.58		1.35	

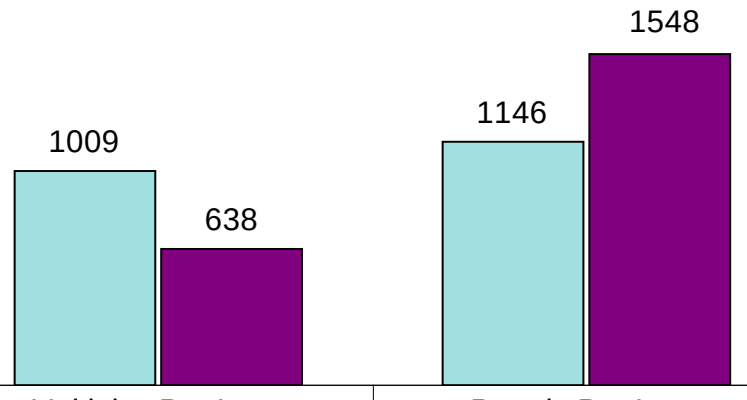
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1414	1555
HOV Lane	1160	2453

Location: LA-170-S/B @ Sherman Way
Date/Time: 10-30-08 / 6:45-7:45 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1009	1146
HOV Lane	638	1548

Location: LA-170-N/B @ Sherman Way
Date/Time: 11-04-08 / 4:00-5:00 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

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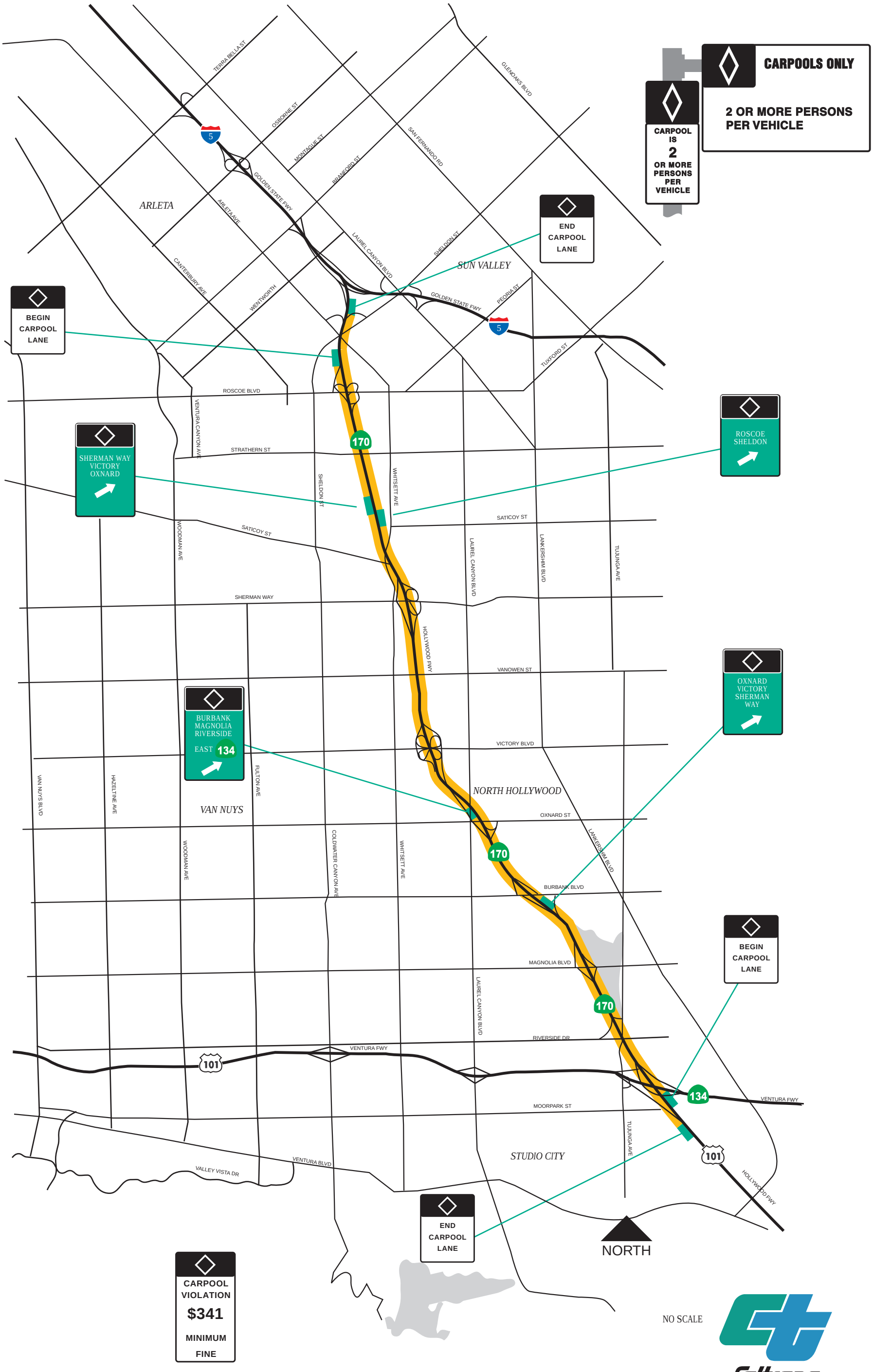
170 HOLLYWOOD FREEWAY HOV LANE

Golden State Freeway (Rte 5) to Ventura Freeway (Rte 134)



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Rideshare Information (800) COMMUTE • Bike Lockers (213) 897-0235

District 7 Graphic Services •170 Ingress •8/21/07

FACT SHEET

ROUTE 210
FOOTHILL FREEWAY

PROJECT LIMITS & LENGTH: (centerline miles)	FROM ROUTE 134 TO SUNFLOWER AVE FROM SUNFLOWER AVE TO FOOTHILL BLVD FROM FOOTHILL BLVD TO SBD COUNTY LINE	18.8 MILES 2.7 MILES 5.8 MILES
Date of Opening:	FROM ROUTE 134 TO SUNFLOWER AVE FROM SUNFLOWER AVE TO FOOTHILL BLVD FROM FOOTHILL BLVD TO SBD COUNTY LINE	DEC 16, 1993 SEP 08, 1997 NOV 24, 2002
Cost:	FROM ROUTE 134 TO SUNFLOWER AVE FROM SUNFLOWER AVE TO FOOTHILL BLVD FROM FOOTHILL BLVD TO SBD COUNTY LINE	$8.9 MILLION $7.0 MILLION $91.0 MILLION
Current Peak Hr Volume:	1613 VEHICLES @ SECOND ST	
Park & Ride Facilities: (lot name/city)	PAXTON/PACOIMA; LOWELL/GLENDALE; SIERRA MADRE BLVD/PASADENA; CITRUS COLLEGE/GLENDORA; GRAND AVE/GLENDORA; LONE HILL/GLENDORA	
Number of Ingress/Egress: (excludes begin/end HOV lane)	FROM SBD CO. LINE TO ROUTE 134	15 E/B, 13 W/B

Additional Information:

- The HOV drop ramp at Fair Oaks Avenue was opened on May 30, 1996.
- Completion and opening of 14 miles of the new Foothill Freeway (SR-210) between Foothill Boulevard (County of Los Angeles) and Day Creek Boulevard (County of San Bernardino) to connect with six-mile section of the freeway that opened in August 2001 from Day Creek Boulevard to Sierra Avenue. The new freeway segment provides additional freeway capacity and an alternate east/west route for commuters. The project constructed eight lanes of freeway (three mixed-flow lanes and one High Occupancy Vehicle (HOV) lane in each direction) with space for future widening in the median. This new freeway segment connects with I-15, the direct route to Las Vegas.

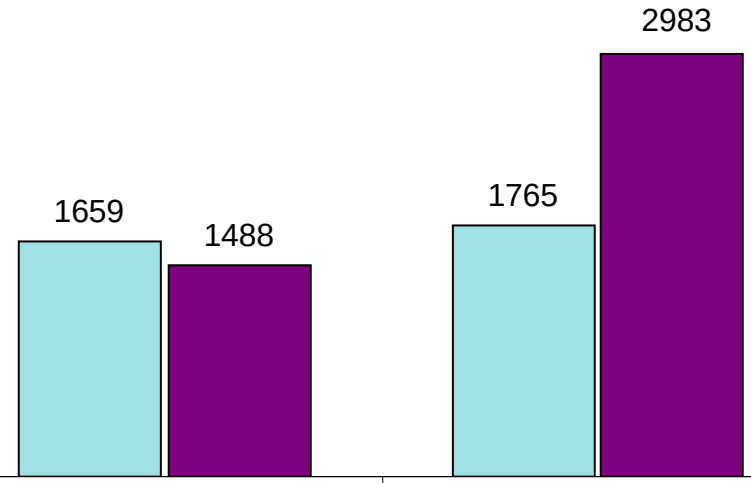
CALTRANS - DISTRICT 7

HOV Operation on Route 210

Co. Rte. Dir.	LA - 210 - WB		LA - 210 - EB	
Location	2ND ST.		2ND ST.	
Post Mile	39.12		39.12	
Date	10/09/08		10/09/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour 6:30 - 7:30	AM HOV Peak 2-Hour 6:30 - 8:30	PM HOV Peak Hour 16:30 - 17:30	PM HOV Peak 2-Hour 15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	1390	2578	1482	2959
Vanpools	11	20	58	67
Buses	2	3	3	6
Motorcycles	85	157	70	164
HOV lane Violators	17	40	7	11
Total Vehicles in HOV Lane	1505	2798	1620	3207
Carpools Using Mainline	370	710	680	1200
Hybrid Vehicles in HOV Lane	92	217	57	115
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	2887		3425	
People in Buses	11		120	
People on Motorcycles	85		70	
Violators	17		7	
Total HOV People	3000		3622	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	4		4	
Mixed-Flow Vehicles	6635		6575	
Mixed-Flow People	7060		7355	
Mixed-Flow People/Lane	1765		1839	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	7060		7355	
Total HOV People	3000		3622	
Total Freeway People	10060		10977	
Percent Carried in HOV Lane	29.82%		33.00%	
Percent Carried per Mixed-Flow Lane	17.54%		16.75%	
Occupancy (Peak Hour)				
HOV Occupancy	1.99		2.24	
Mainline Occupancy	1.06		1.12	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	1.70		1.97	

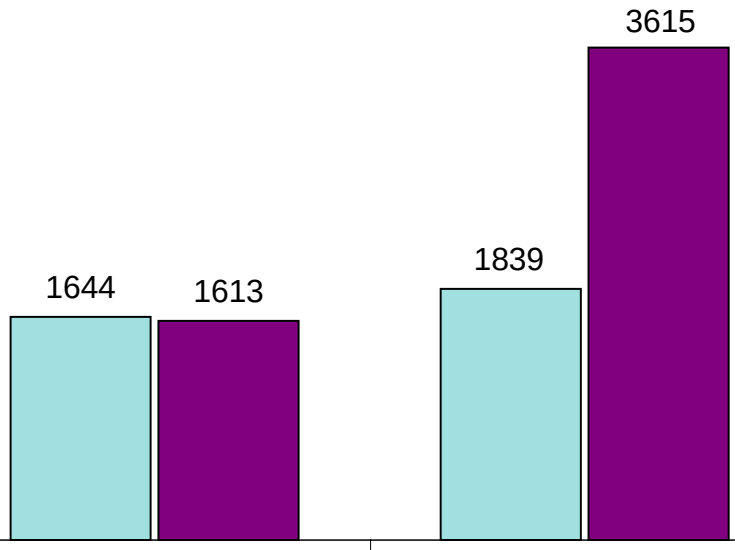
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1659	1765
HOV Lane	1488	2983

Location: LA-210-W/B @ Second St.
Date/Time: 10-09-08 / 6:30-7:30 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1644	1839
HOV Lane	1613	3615

Location: LA-210-E/B @ Second St.
Date/Time: 10-09-08 / 4:30-5:30 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

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FOOTHILL FREEWAY HOV LANE

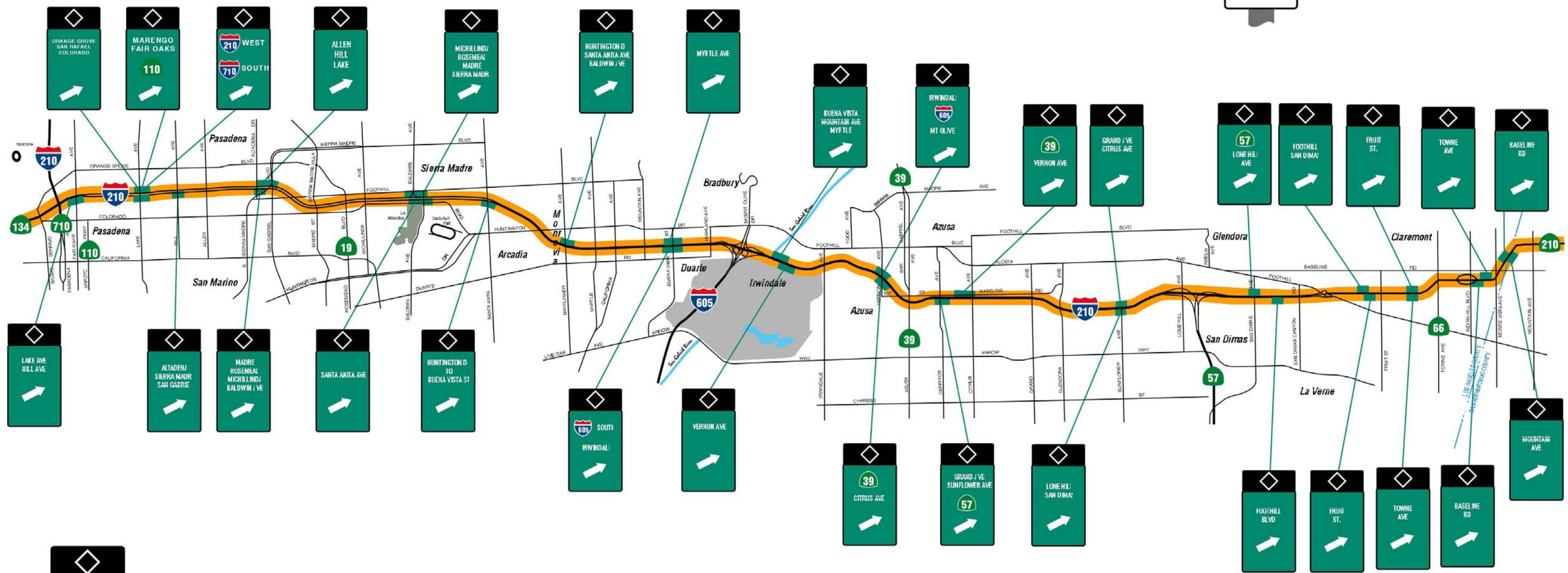
Ventura Freeway (Rte 134) to San Bernardino County Line

CARPOOLS ONLY

2 OR MORE PERSONS PER VEHICLE

CARPOOL IS 2 OR MORE PERSONS PER VEHICLE

NORTH



CARPOOL VIOLATION

$341

MINIMUM FINE

NO SCALE

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Rideshare Information (800) COMMUTE · Bike Lockers (213) 897-0235

Caltrans

210 HOVegresing(NEW) 9/17/08

FACT SHEET

ROUTE 405
SAN DIEGO FREEWAY

Project Limits & Length: (centerline miles)	FROM ROUTE 110 TO 120TH STREET	7.7 MILES
	FROM BELLFLOWER BLVD TO ROUTE 605	2.2 MILES
	FROM 120TH STREET TO CENTURY BLVD	2.0 MILES
	FROM ROUTE 101 TO ROUTE 5	10.0 MILES
	FROM ORA CO LINE TO ROUTE 710	7.7 MILES
	FROM ROUTE 710 TO ROUTE 110	6.1 MILES
	FROM WATERFORD TO RTE 101 (S/B ONLY)	7.8 MILES
	FROM CENTURY BLVD TO ROUTE 90	5.1 MILES
	FROM BURBANK BL TO VENTURA BL (N/B ONLY)	5.1 MILES
	FROM WATERFORD TO SANTA MONICA (S/B ONLY)	1.2 MILES
Date of Opening:	FROM ROUTE 110 TO 120TH STREET	APR 08, 1993
	FROM BELLFLOWER BLVD TO ROUTE 605	OCT 02, 1993
	FROM 120TH STREET TO CENTURY BLVD	JAN 1994
	FROM ROUTE 101 TO ROUTE 5	OCT 22, 1996
	FROM ORA CO LINE TO ROUTE 710	FEB 12, 1998
	FROM ROUTE 710 TO ROUTE 110	OCT 08, 1998
	FROM WATERFORD TO RTE 101 (S/B ONLY)	JAN 08, 2002
	FROM CENTURY BLVD TO ROUTE 90	MAY 23, 2006
	FROM BURBANK BL TO VENTURA BL (N/B ONLY)	OCT 11, 2006
	FROM WATERFORD TO SANTA MONICA (S/B ONLY)	AUG 30, 2007
Cost:	FROM ROUTE 110 TO 120TH STREET	$ 8.3 MILLION
	FROM BELLFLOWER BLVD TO ROUTE 605	$ 4.8 MILLION
	FROM ROUTE 101 TO ROUTE 5	$15.1 MILLION
	FROM ORA CO LINE TO ROUTE 710	$29.7 MILLION
	FROM ROUTE 710 TO ROUTE 110	$28.2 MILLION
	FROM WATERFORD TO RTE 101 (S/B ONLY)	$17.7 MILLION
	FROM CENTURY BLVD TO ROUTE 90	$34.3 MILLION
	FROM BURBANK BL TO VENTURA BL (N/B ONLY)	$ 4.7 MILLION
	FROM WATERFORD TO SANTA MONICA (S/B ONLY)	----------
Current Peak Hr Volume:	1575 VEHICLES @ BURBANK	
Park & Ride Facilities: (lot name/city)	ST JOHN'S CHURCH/LOS ANGELES; SKIRBALL & MULHOLLAND/LOS ANGELES	
Number of Ingress/Egress: (excludes begin/end HOV lane)	FROM ROUTE 90 TO ORA CO LINE	13 N/B, 13 S/B
	FROM ROUTE 5 TO ROUTE 101	3 N/B, 5 S/B
	FROM ROUTE 101 TO SANTA MONICA BL (S/B)	--------, 4 S/B

CALTRANS - DISTRICT 7

HOV Operation on Route 405

Co. Rte. Dir.	LA - 405 - SB		LA - 405 - NB	
Location	BURBANK		BURBANK	
Post Mile	40.28		40.28	
Date	10/08/08		11/20/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour 6:30 - 7:30	AM HOV Peak 2-Hour 6:30 - 8:30	PM HOV Peak Hour 16:15 - 17:15	PM HOV Peak 2-Hour 15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	1095	1929	1453	2740
Vanpools	12	20	49	90
Buses	11	20	11	10
Motorcycles	36	87	62	111
HOV lane Violators	22	38	18	33
Total Vehicles in HOV Lane	1176	2094	1593	2984
Carpools Using Mainline	360	760	605	1145
Hybrid Vehicles in HOV Lane	40	106	53	99
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	2438		3378	
People in Buses	360		193	
People on Motorcycles	36		62	
Violators	22		18	
Total HOV People	2856		3651	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	4		4	
Mixed-Flow Vehicles	3860		5635	
Mixed-Flow People	4330		6280	
Mixed-Flow People/Lane	1083		1570	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	4330		6280	
Total HOV People	2856		3651	
Total Freeway People	7186		9931	
Percent Carried in HOV Lane	39.74%		36.76%	
Percent Carried per Mixed-Flow Lane	15.06%		15.81%	
Occupancy (Peak Hour)				
HOV Occupancy	2.43		2.29	
Mainline Occupancy	1.12		1.11	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	2.64		2.33	

*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

CALTRANS - DISTRICT 7

HOV Operation on Route 405

Co. Rte. Dir.	LA - 405 - NB		LA - 405 - SB	
Location	NORMANDIE		NORMANDIE	
Post Mile	13.81		13.81	
Date	11/20/08		10/22/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour 7:30 - 8:30	AM HOV Peak 2-Hour 6:30 - 8:30	PM HOV Peak Hour 16:30 - 17:30	PM HOV Peak 2-Hour 15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	1111	2119	1214	2480
Vanpools	31	67	70	116
Buses	2	3	9	14
Motorcycles	28	72	47	99
HOV lane Violators	7	15	4	12
Total Vehicles in HOV Lane	1179	2276	1344	2721
Carpools Using Mainline	380	670	555	1075
Hybrid Vehicles in HOV Lane	187	332	134	242
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	2503		3065	
People in Buses	80		281	
People on Motorcycles	28		47	
Violators	7		4	
Total HOV People	2618		3397	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	4		4	
Mixed-Flow Vehicles	6150		6755	
Mixed-Flow People	6620		7430	
Mixed-Flow People/Lane	1655		1858	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	6620		7430	
Total HOV People	2618		3397	
Total Freeway People	9238		10827	
Percent Carried in HOV Lane	28.34%		31.38%	
Percent Carried per Mixed-Flow Lane	17.92%		17.16%	
Occupancy (Peak Hour)				
HOV Occupancy	2.22		2.53	
Mainline Occupancy	1.08		1.10	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	1.58		1.83	

*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

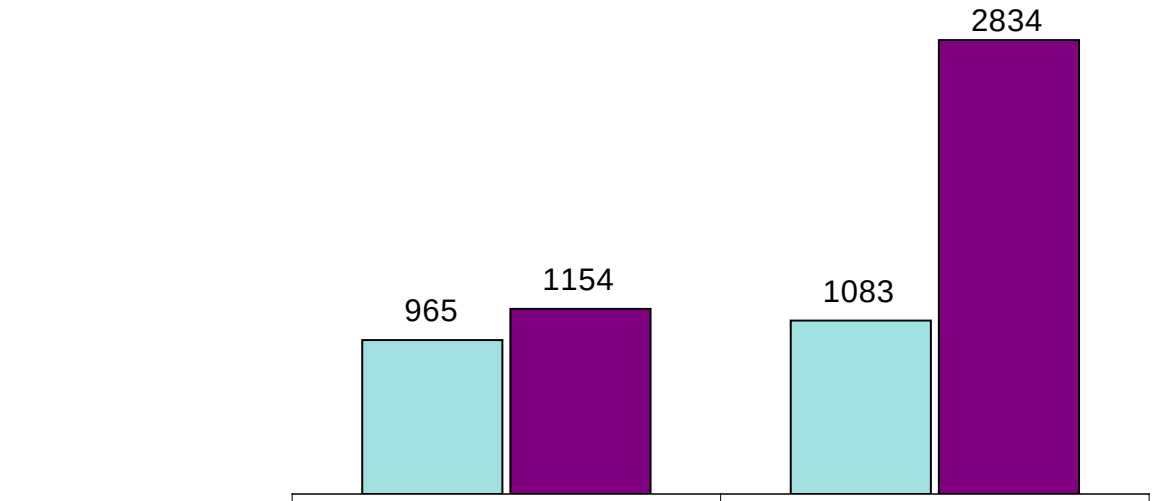
CALTRANS - DISTRICT 7

HOV Operation on Route 405

Co. Rte. Dir.	LA - 405 - NB		LA - 405 - SB	
Location	TEMPLE		TEMPLE	
Post Mile	4.33		4.33	
Date	11/06/08		10/15/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour 7:15 - 8:15	AM HOV Peak 2-Hour 6:30 - 8:30	PM HOV Peak Hour 16:15 - 17:15	PM HOV Peak 2-Hour 15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	1267	2432	1275	2469
Vanpools	18	38	65	111
Buses	2	4	6	5
Motorcycles	67	135	62	130
HOV lane Violators	22	43	16	31
Total Vehicles in HOV Lane	1376	2652	1424	2746
Carpools Using Mainline	280	495	492	1056
Hybrid Vehicles in HOV Lane	310	563	204	357
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	2748		3060	
People in Buses	50		142	
People on Motorcycles	67		62	
Violators	22		16	
Total HOV People	2887		3280	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	4		5	
Mixed-Flow Vehicles	6350		9336	
Mixed-Flow People	6655		9906	
Mixed-Flow People/Lane	1664		1981	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	6655		9906	
Total HOV People	2887		3280	
Total Freeway People	9542		13186	
Percent Carried in HOV Lane	30.26%		24.87%	
Percent Carried per Mixed-Flow Lane	17.44%		15.03%	
Occupancy (Peak Hour)				
HOV Occupancy	2.10		2.30	
Mainline Occupancy	1.05		1.06	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	1.74		1.66	

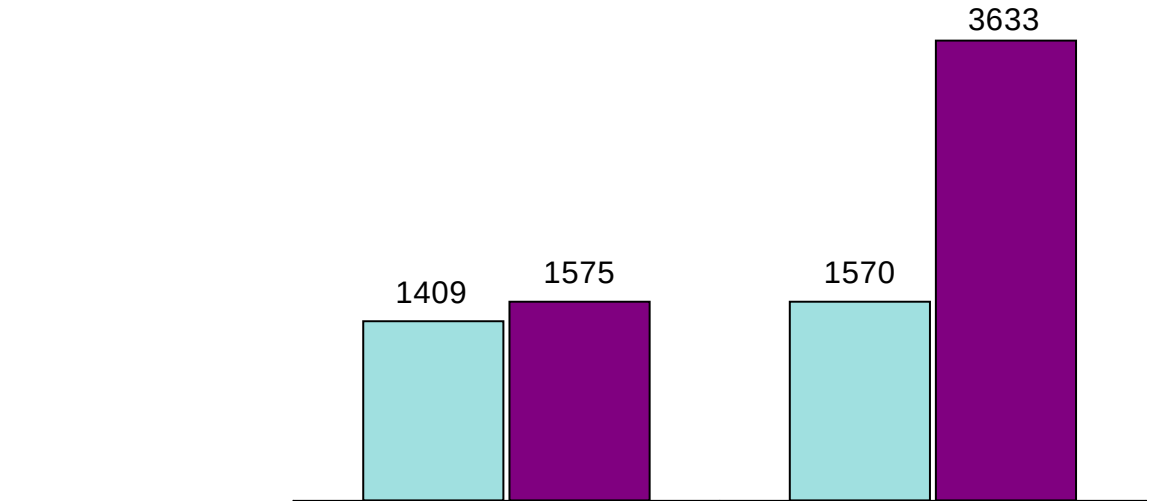
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicle Per Lane	People Per Lane
Mixed Flow Lane	965	1083
HOV Lane	1154	2834

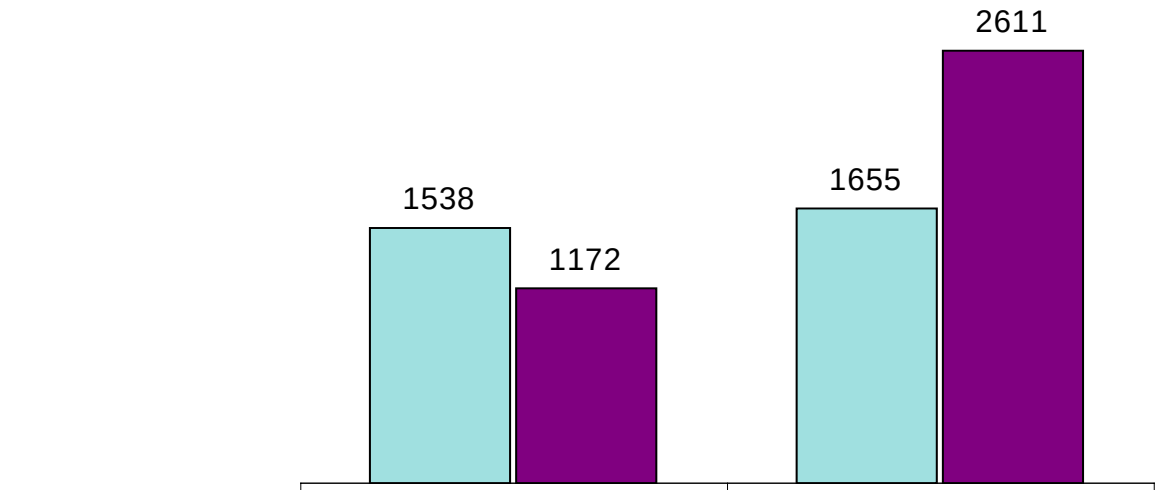
Location: LA-405-S/B @ Burbank Blvd
Date/Time: 10-08-08 / 6:30-7:30 AM



	Vehicle Per Lane	People Per Lane
Mixed Flow Lane	1409	1570
HOV Lane	1575	3633

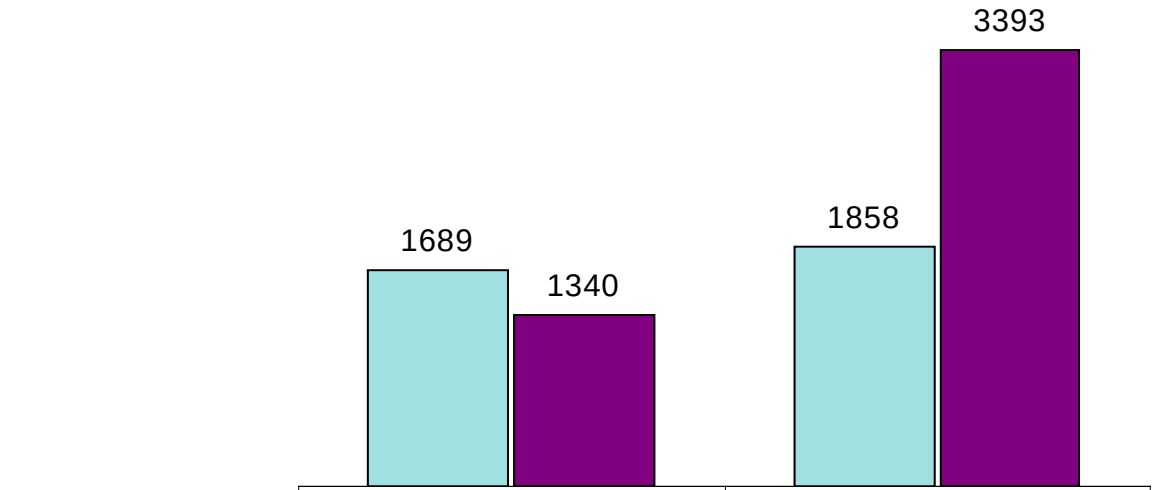
Location: LA-405-N/B @ Burbank Blvd
Date/Time: 11-20-08 / 4:15-5:15 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1538	1655
HOV Lane	1172	2611

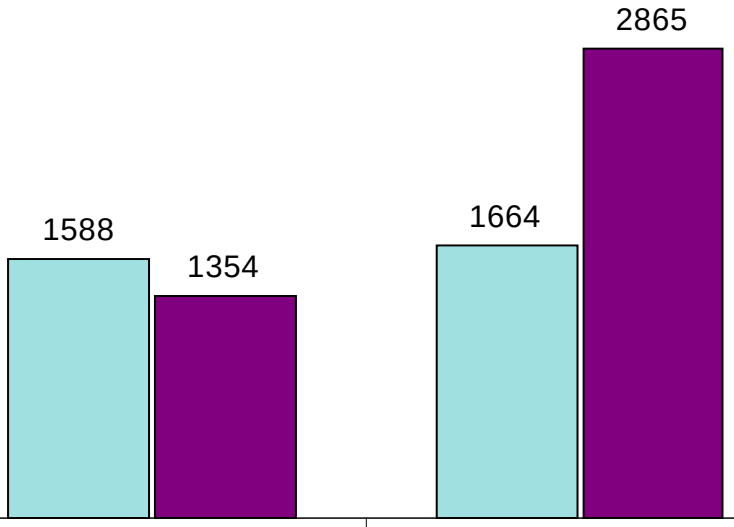
Location: LA-405-N/B @ Normandie
Date/Time: 11-20-08 / 7:30-8:30 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1689	1858
HOV Lane	1340	3393

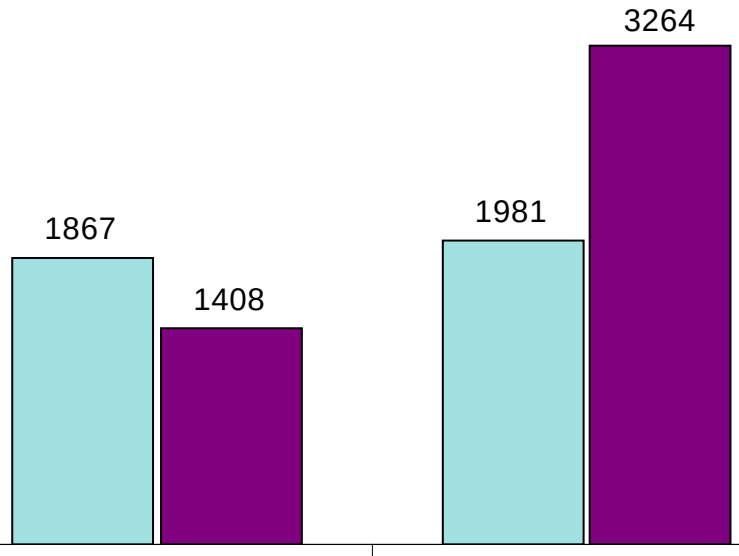
Location: LA-405-S/B @ Normandie
Date/Time: 10-22-08 / 4:30-5:30 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1588	1664
HOV Lane	1354	2865

Location: LA-405-N/B @ Temple Ave.
Date/Time: 11-06-08 / 7:15-8:15 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1867	1981
HOV Lane	1408	3264

Location: LA-405-S/B @ Temple Ave.
Date/Time: 10-15-08 / 4:15-5:15 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

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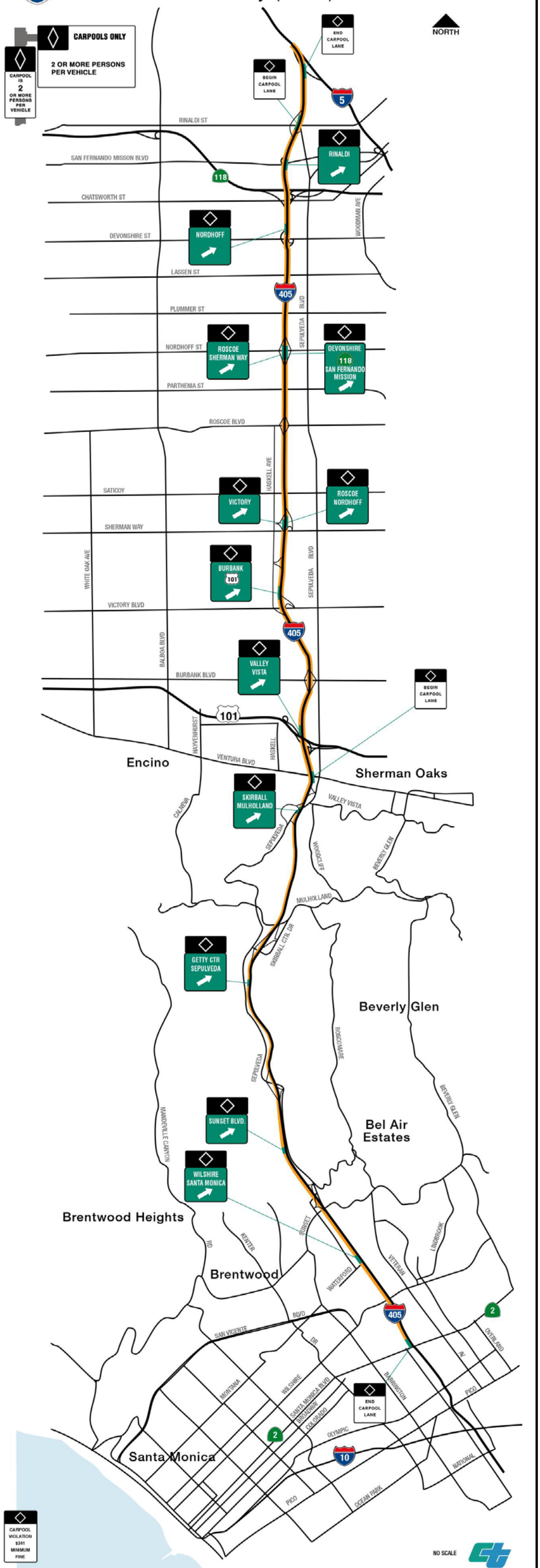
SAN DIEGO FREEWAY HOV LANE
Golden State Freeway (Rte 5) to Santa Monica Bl.



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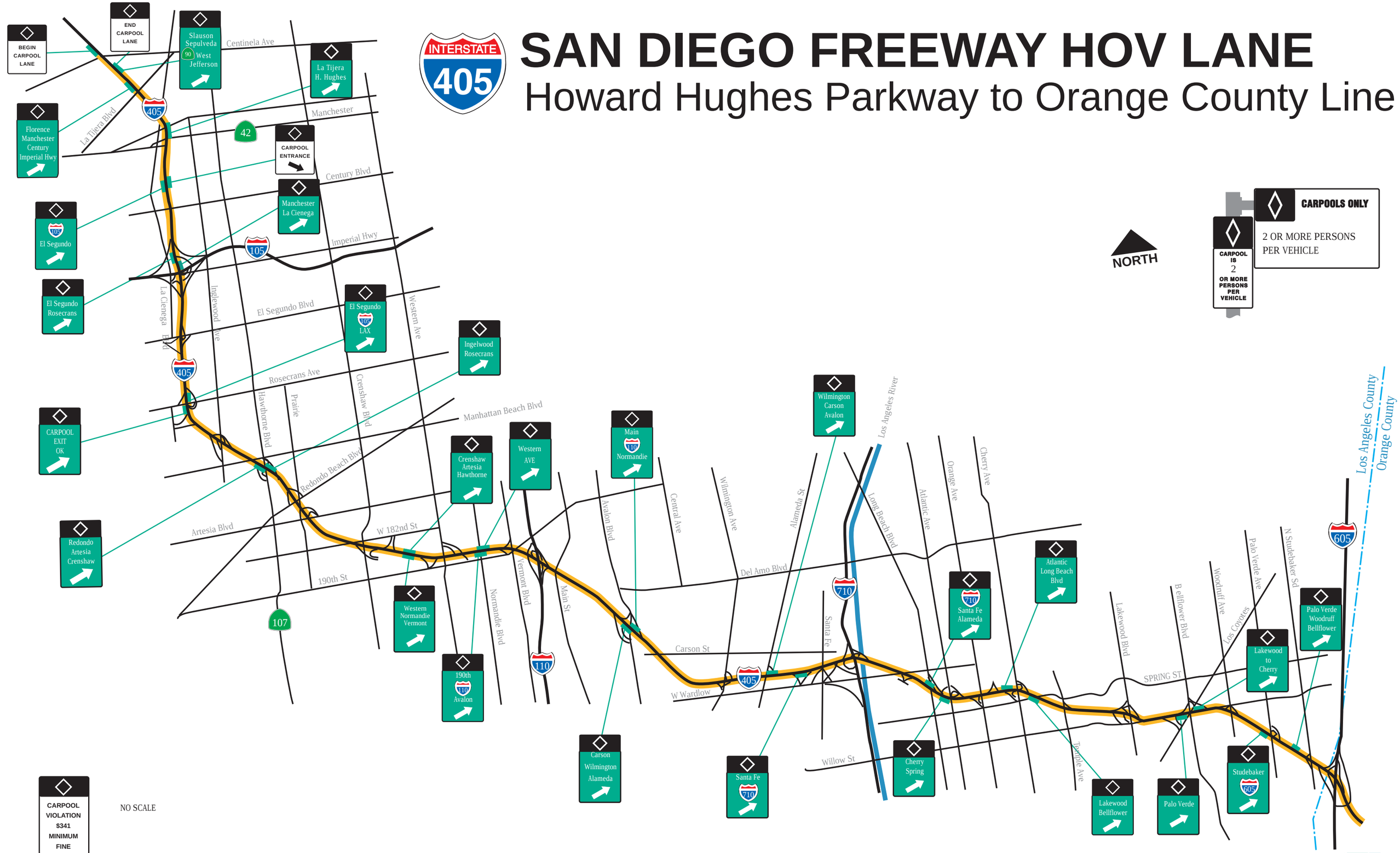
District 7 Graphic Services • 405 HOVegres/ing 101-Waterford• 09/11/07

SAN DIEGO FREEWAY HOV LANE

Howard Hughes Parkway to Orange County Line



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405 HOV(105-Orange) • 8/21/07 Caltrans

FACT SHEET

ROUTE 605
SAN GABRIEL RIVER FREEWAY

Project Limits & Length: (centerline miles)	FROM SOUTH ST. TO TELEGRAPH RD FROM TELEGRAPH RD TO ROUTE 10 FROM ORA. CO. LINE TO SOUTH ST.	6.9 MILES 9.9 MILES 3.9 MILES
Date of Opening:	FROM SOUTH ST. TO TELEGRAPH RD FROM TELEGRAPH RD TO ROUTE 10 FROM ORA. CO. LINE TO SOUTH ST.	APR 2, 1997 APR 3, 1998 MARCH 2001
Cost:	FROM SOUTH ST. TO TELEGRAPH RD FROM TELEGRAPH RD TO ROUTE 10 FROM ORA. CO. LINE TO SOUTH ST.	$14.1 MILLION $17.3 MILLION $14.6 MILLION
Current Peak Hr Volume:	1363 VEHICLES @ BEVERLY BLVD	
Park & Ride Facilities: (lot name/city)	----------	
Number of Ingress/Egress: (excludes begin/end HOV lane)	FROM ROUTE 10 TO ORA. CO. LINE	9 N/B, 10 S/B

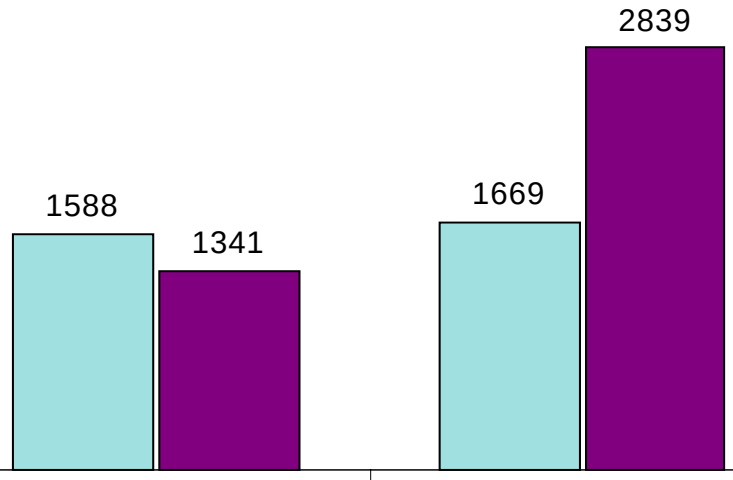
CALTRANS - DISTRICT 7

HOV Operation on Route 605

Co. Rte. Dir.	LA - 605 - SB		LA - 605 - NB	
Location	BEVERLY		BEVERLY	
Post Mile	14.41		14.41	
Date	10/08/08		10/29/08	
Occupancy Requirement	2 +		2 +	
	AM HOV Peak Hour	AM HOV Peak 2-Hour	PM HOV Peak Hour	PM HOV Peak 2-Hour
	6:45 - 7:45	6:30 - 8:30	16:00 - 17:00	15:30-17:30
HOV VEHICLE SUMMARY				
Carpools	1255	2338	1291	2481
Vanpools	8	14	24	36
Buses	6	10	2	6
Motorcycles	72	126	46	86
HOV lane Violators	2	4	2	3
Total Vehicles in HOV Lane	1343	2492	1365	2612
Carpools Using Mainline	300	555	340	685
Hybrid Vehicles in HOV Lane	89	159	61	114
HOV People Summary (Peak Hour)				
People in Carpool & Vanpools	2656		2861	
People in Buses	111		30	
People on Motorcycles	72		46	
Violators	2		2	
Total HOV People	2841		2939	
Mainline Summary (Peak Hour)				
Mixed-Flow Lanes	4		4	
Mixed-Flow Vehicles	6350		5600	
Mixed-Flow People	6675		5970	
Mixed-Flow People/Lane	1669		1493	
Freeway Summary (Peak Hour)				
Total Mixed-Flow People	6675		5970	
Total HOV People	2841		2939	
Total Freeway People	9516		8909	
Percent Carried in HOV Lane	29.85%		32.99%	
Percent Carried per Mixed-Flow Lane	17.54%		16.75%	
Occupancy (Peak Hour)				
HOV Occupancy	2.12		2.15	
Mainline Occupancy	1.05		1.07	
Equivalent Number Mixed-flow Lanes Needed to carry HOV People	1.70		1.97	

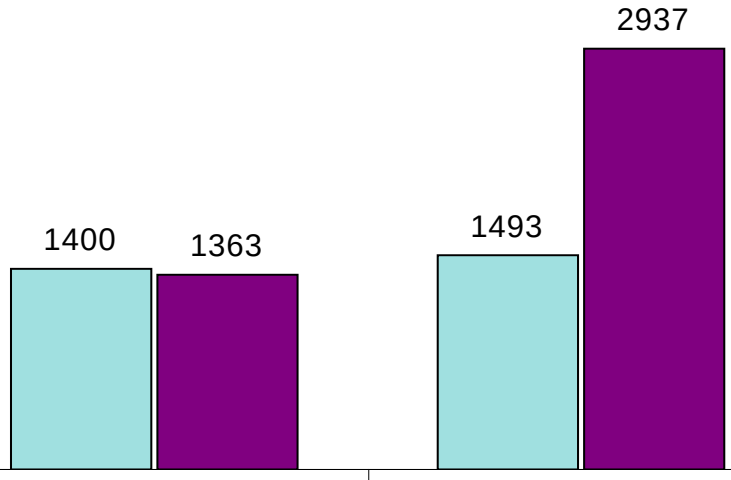
*Peak hours are based on the following peak period counts: AM 6:30-8:30 PM 3:00-5:30.

PEAK HOURLY VOLUME COMPARISON



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1588	1669
HOV Lane	1341	2839

Location: LA-605-S/B @ Beverly Blvd.
Date/Time: 10-08-08 / 6:45-7:45 AM



	Vehicles Per Lane	People Per Lane
Mixed Flow Lane	1400	1493
HOV Lane	1363	2937

Location: LA-605-N/B @ Beverly Blvd.
Date/Time: 10-29-08 / 4:00-5:00 PM
Note: Manual Traffic Counts: 6:30 - 8:30 A.M. / 3:00 - 5:30 P.M.

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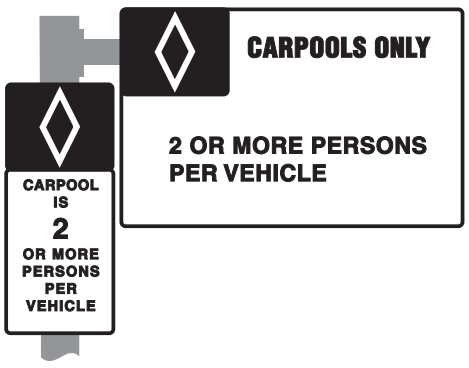
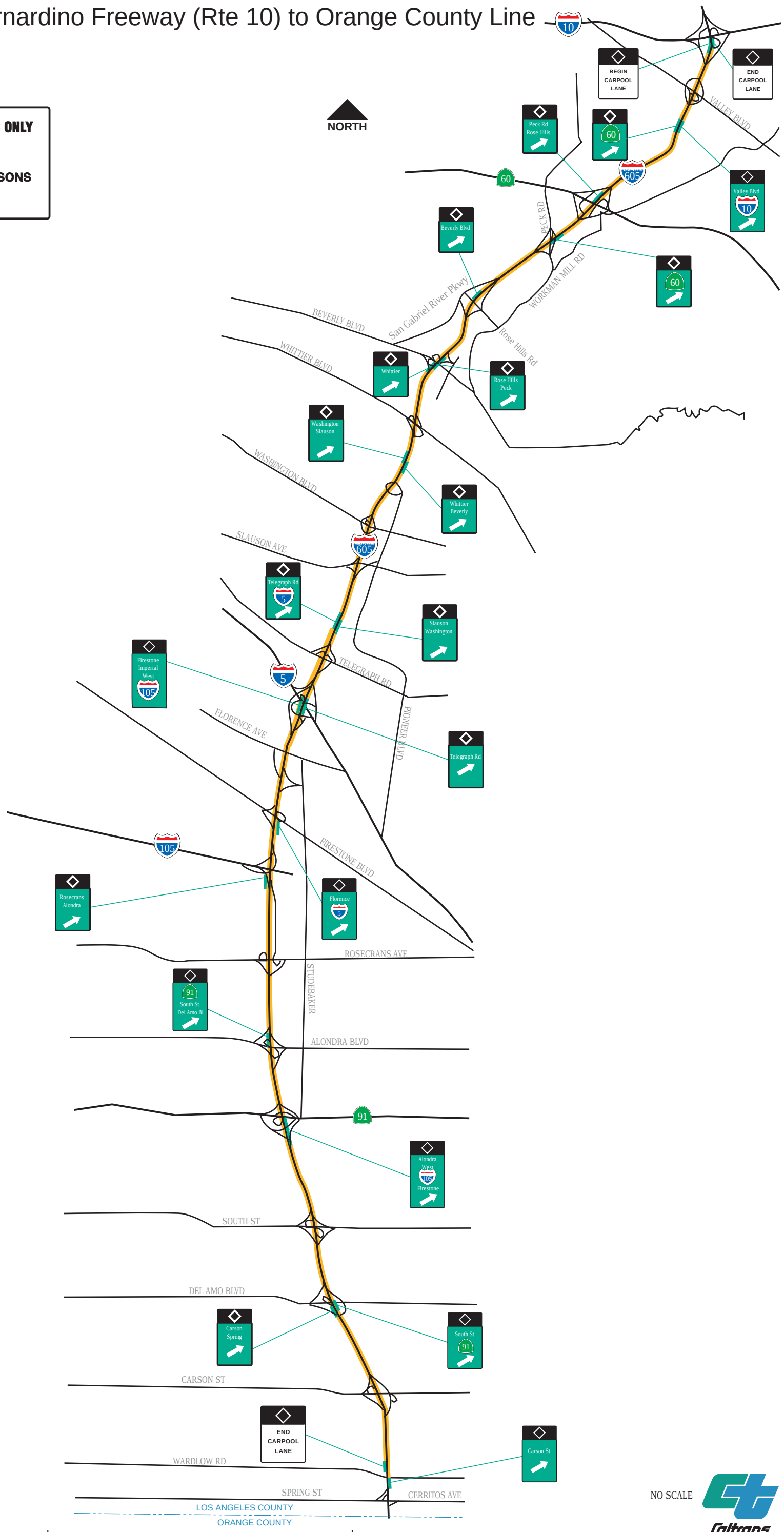
SAN GABRIEL RIVER FREEWAY HOV LANE

San Bernardino Freeway (Rte 10) to Orange County Line

CALIFORNIA 605





NO SCALE

Caltrans

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District 7 Graphic Services • 605 HOVegres/ing update • 8/31/08