

**Appendix E Supplement to the General
Plan Traffic Study**

Existing With Project Evaluation Letter



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Prepared for:

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**NEWPORT BEACH GENERAL PLAN
EXISTING WITH PROJECT EVALUATION
NEWPORT BEACH, CALIFORNIA**

March 24, 2006

JN:01232-34
CW:MW:cg



March 27, 2006

Mr. Elwood Tescher
EIP ASSOCIATES
12301 Wilshire Boulevard, Suite 430
Los Angeles, CA 90025

Subject: **Existing With Project Evaluation**

Dear Mr. Tescher:

This letter has been prepared as a supplement to the City of Newport Beach General Plan Transportation Study (Urban Crossroads, Inc., March 21, 2006). Throughout this letter, the City of Newport Beach General Plan Transportation Study (Urban Crossroads, Inc., March 21, 2006) shall be referred to as the Transportation Study. The purpose of this letter is to analyze the direct effects of the Newport Beach General Plan Update project in the absence of surrounding regional growth. To remove the effects of regional growth, an Existing With Project scenario has been prepared. This scenario identifies traffic growth and inputs related only to the anticipated growth within the City of Newport Beach. The General Plan Buildout With Project scenario is in essence, the Existing With Project scenario with the addition of regional growth. Comparing these two scenarios will help to determine the impacts of regional growth on the transportation system. This evaluation has been performed using a special run of the Newport Beach Traffic Model (NBTM) that combines existing travel characteristics surrounding the City of Newport Beach with the City of Newport Beach General Plan project travel characteristics. Land use and roadway characteristics of the City of Newport Beach General Plan project have been included in this run. Only the summaries of these characteristics are repeated in this letter. For details of the project description, please see Chapter 5 of the Transportation Study.

In this letter, Existing With Project model inputs are discussed and refined forecast volumes are presented. Data are compared to Existing conditions and the General Plan Buildout With Project (including regional growth) conditions (as defined in Chapter 5 of

the Transportation Study) scenario. The roadway system has remained unchanged (the project network) from the General Plan Buildout With Project scenario. The roadway system therefore includes funded / planned improvements outside the City of Newport Beach or controlled by agencies other than the City of Newport Beach (for instance, improvements such as adding high occupancy vehicle lanes to the SR-73 Freeway).

Land Use and Socioeconomic Data (SED)

This section discusses the land use and socioeconomic data inputs.

Existing With Project Land Use Data

The Existing With Project land use is identical to the General Plan Buildout With Project land use included in the Transportation Study. Table 1 summarizes the overall Existing With Project land uses for the City of Newport Beach and compares them to Existing land uses.

There is an increase of over 10,000 dwelling units. Non-residential categories that grow by more than 500,000 square feet include general commercial and medical/government office. At the same time, the quantity of general office and industrial use are projected to decrease by approximately 450,000 and 400,000 square feet, respectively.

Existing With Project Socioeconomic Data (SED)

Existing With Project SED that has been calculated from land use is summarized in Table 2. Table 2 also contains a comparison of Existing With Project SED to Existing SED for the City of Newport Beach. The total number of dwelling units is projected to increase by 13,295 units (35 %) from Existing conditions. For total employment, an increase of 15,454 employees (21%) is anticipated.

Trip Generation

Table 3 summarizes the overall trip generation for the Existing With Project conditions for the City of Newport Beach and compares it to Existing conditions trip generation.

TABLE 1

CITY OF NEWPORT BEACH GENERAL PLAN PROJECT LAND USE GROWTH FROM EXISTING

NBTM CODE ¹	DESCRIPTION	UNITS ²	EXISTING QUANTITY ³	EXISTING WITH PROJECT QUANTITY ³	GROWTH	% GROWTH
1	Low Density Residential	DU	18,702	20,402	1,700	9.09%
2	Medium Density Residential	DU	10,974	14,223	3,249	29.61%
3	Apartment	DU	9,703	19,114	9,411	96.99%
4	Elderly Residential	DU	200	200	-	0.00%
5	Mobile Home	DU	600	455	-145	-24.17%
	TOTAL DWELLING UNITS	DU	40,179	54,394	14,215	35.38%
6	Motel	ROOM	134	136	2	1.49%
7	Hotel	ROOM	3,231	6,413	3,182	98.48%
9	Regional Commercial	TSF	1,331.000	1,684.000	353.000	26.52%
10	General Commercial	TSF	3,823.398	5,268.840	1,445.442	37.81%
11	Commercial/Recreation	ACRE	5.100	5.100	-	0.00%
13	Restaurant	TSF	99.450	198.860	99.410	99.96%
15	Fast Food Restaurant	TSF	15.640	15.640	-	0.00%
16	Auto Dealer/Sales	TSF	201.300	386.050	184.750	91.78%
17	Yacht Club	TSF	51.830	70.310	18.480	35.66%
18	Health Club	TSF	16.770	61.330	44.560	265.71%
19	Tennis Club	CRT	60	59	(1)	-1.67%
20	Marina	SLIP	1,055	1,055	-	0.00%
21	Theater	SEAT	5,489	5,475	-14	-0.26%
22	Newport Dunes	ACRE	64.00	64.00	-	0.00%
23	General Office	TSF	11,657.109	11,209.939	(447.170)	-3.84%
24	Medical/Government Office	TSF	959.718	1,657.561	697.843	72.71%
25	Research & Development	TSF	81.730	81.730	-	0.00%
26	Industrial	TSF	1,291.079	885.310	(405.769)	-31.43%
27	Mini-Storage/Warehouse	TSF	196.420	196.420	-	0.00%
28	Pre-school/Day Care	TSF	48.050	40.600	(7.450)	-15.50%
29	Elementary/Private School	STU	4,999	5,555	556	11.13%
30	Junior/High School	STU	5,215	5,215	-	0.00%
31	Cultural/Learning Center	TSF	35.000	40.000	5.000	14.29%
32	Library	TSF	78.800	84.600	5.800	7.36%
33	Post Office	TSF	53.700	73.700	20.000	37.24%
34	Hospital	BED	1,031	2,001	970	94.08%
35	Nursing/Conv. Home	BEDS	661	566	(95)	-14.37%
36	Church	TSF	377.780	465.904	88.124	23.33%
37	Youth Ctr./Service	TSF	149.540	189.209	39.669	26.53%
38	Park	ACRE	128.360	183.680	55.320	43.10%
39	Regional Park	ACRE		65.910	65.910	N/A
40	Golf Course	ACRE	305.330	298.290	-7.040	-2.31%

¹ Uses 8, 12, and 14 are part of the old NBTAM model structure and are not currently utilized in the City land use datasets.

² Units Abbreviations:
 DU = Dwelling Units
 TSF = Thousand Square Feet
 CRT = Court
 STU = Students

³ Includes Newport Coast and recent annexation areas.

TABLE 2

CITY OF NEWPORT BEACH GENERAL PLAN PROJECT
 LAND USE BASED SOCIOECONOMIC DATA GROWTH FROM EXISTING

VARIABLE	EXISTING ¹ QUANTITY	EXISTING WITH PROJECT QUANTITY ¹	GROWTH	% GROWTH
Occupied Single Family Dwelling Units	17,467	19,105	1,638	9%
Occupied Multi-Family Dwelling Units	20,136	31,793	11,657	58%
TOTAL OCCUPIED DWELLING UNITS	37,603	50,898	13,295	35%
Group Quarters Population	661	566	-95	-14%
Population	83,007	108,421	25,414	31%
Employed Residents	49,632	66,581	16,949	34%
Retail Employees	11,525	15,480	3,955	34%
Service Employees	19,681	27,336	7,655	39%
Other Employees	41,468	45,312	3,844	9%
TOTAL EMPLOYEES	72,674	88,128	15,454	21%
Elem/High School Students	10,214	10,770	556	5%

¹ Includes Newport Coast and recent annexation areas.

TABLE 3

CITY OF NEWPORT BEACH EXISTING
WITH PROJECT TRIP GENERATION SUMMARY

TRIP PURPOSE	DAILY TRIP ENDS		GROWTH	PERCENT GROWTH
	EXISTING ³	EXISTING WITH PROJECT ³		
Home Based Work Productions ¹	61,128	81,761	20,633	33.75%
Home Based Work Attractions	88,446	107,577	19,131	21.63%
Home Based School Productions	11,756	15,332	3,576	30.42%
Home Based School Attractions	8,990	9,481	491	5.46%
Home Based Other Productions ²	165,256	212,617	47,361	28.66%
Home Based Other Attractions	115,052	153,163	38,111	33.13%
Work Based Other Productions	55,488	69,271	13,783	24.84%
Work Based Other Attractions	60,741	76,428	15,687	25.83%
Other - Other Productions	98,005	129,081	31,076	31.71%
Other - Other Attractions	96,363	127,286	30,923	32.09%
TOTAL PRODUCTIONS	391,633	508,062	116,429	29.73%
TOTAL ATTRACTIONS	369,592	473,935	104,343	28.23%
OVERALL TOTAL	761,225	981,997	220,772	29.00%

¹ Home-Work includes Home-Work and Home-University trips, consistent with OCTAM mode choice output.

² Home-Other includes Home-Shop and Home-Other trips, consistent with OCTAM mode choice output.

³ Includes Newport Coast and recent annexation areas.

The overall trip generation for the City of Newport Beach With Project scenario is an estimated 981,997 daily vehicle trips (resulting in growth of 29% from the existing 761,225 daily vehicle trips).

Traffic Assignment

The roadway system for the Existing With Project alternative is identical to the roadway system presented for the General Plan Buildout With Project scenario of the Transportation Study.

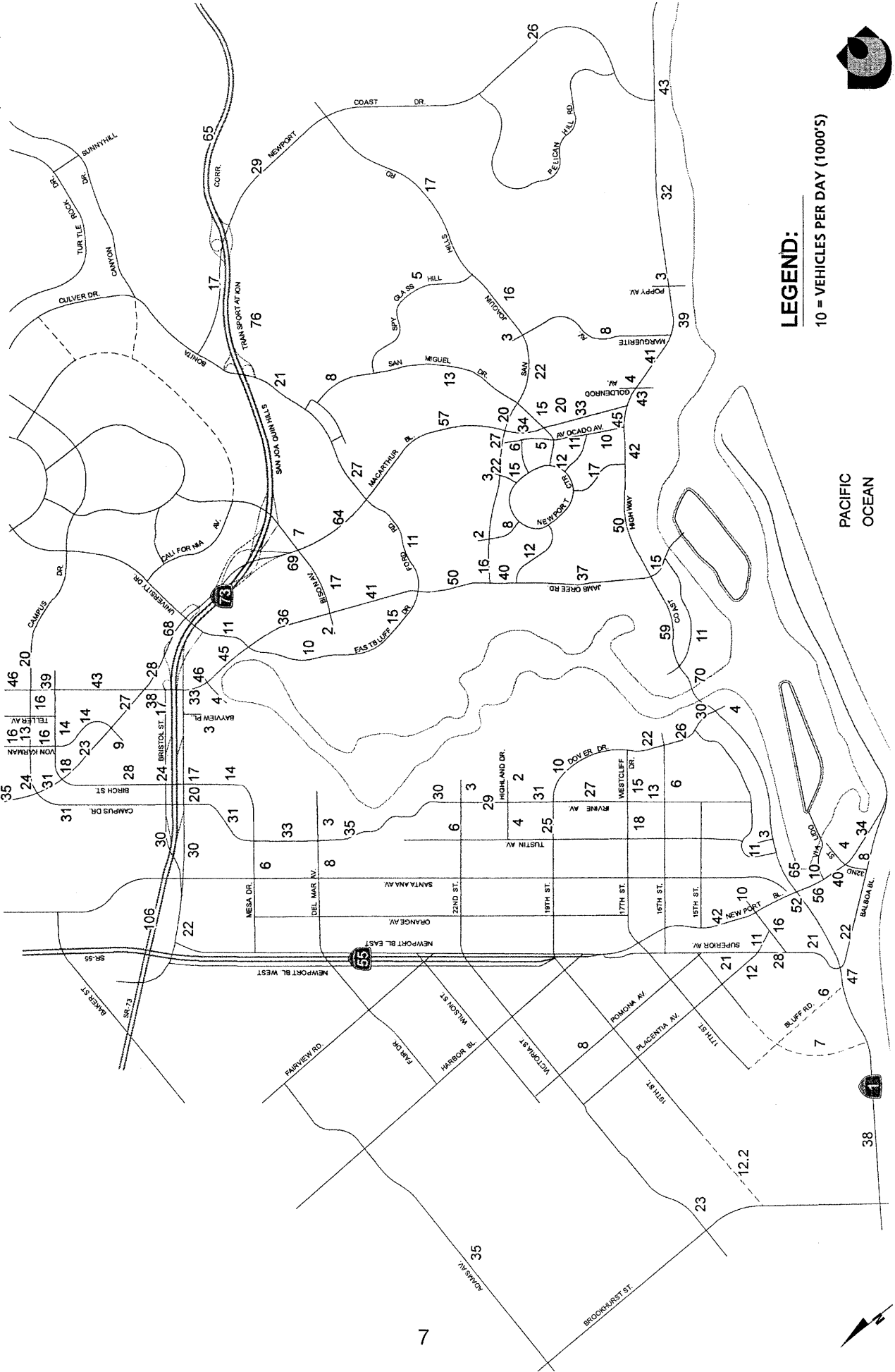
Exhibit A summarizes the NBTM 3.1 refined Existing With Project scenario daily traffic volumes throughout the City of Newport Beach. Changes from the Existing count and General Plan Buildout With Project forecasts are shown on Table 4. Roadways that experience the largest increases from existing include Coast Highway and Newport Coast Drive. Each of these locations experiences an increase of 10,000 vehicles per day (VPD) or more with the project. Additional roadways experiencing the growth in excess of 10,000 VPD in the General Plan Buildout (Post-2030) With Project scenario in the primary traffic study report (including regional growth) are Campus Drive, Jamboree Road, and MacArthur Boulevard. Each of these locations experiences an increase of 10,000 VPD or more with buildout of the surrounding area.

Daily Capacity Analysis

Daily roadway segment capacity analysis has been performed at study area roadways, and is shown on Exhibit B. The following roadway segments are expected to operate with daily V/C ratios greater than 0.90:

- Newport Boulevard north of Via Lido
- Irvine Avenue north of University Drive
- Irvine Avenue north of Santiago Drive
- Irvine Avenue north of Dover Drive

EXHIBIT A EXISTING WITH PROJECT AVERAGE DAILY TRAFFIC (ADT)



LEGEND:
10 = VEHICLES PER DAY (1000'S)



TABLE 4 (1 of 5)

EXISTING PLUS PROJECT E+P AVERAGE DAILY TRAFFIC COMPARISON

LOCATION	EXISTING (2001/2002) COUNT	EXISTING + PROJECT FORECAST	GROWTH FROM EXISTING	% GROWTH FROM EXISTING	BUILDOUT WITH PROJECT	GROWTH (E+P) TO BUILDOUT	% GROWTH (E+P) TO BUILDOUT
15th St. (Coast Hwy. to Bluff Rd.)	0	7,000	7,000	--	8,000	1,000	14.3%
16th St. (Irvine Ave. to Dover Dr.)	5,000	6,000	1,000	20.0%	6,000	0	0.0%
32nd St. (west of Newport Blvd.)	8,000	8,000	0	0.0%	8,000	0	0.0%
32nd St. (east of Newport Blvd.)	3,000	4,000	1,000	33.3%	4,000	0	0.0%
Avocado Ave. (north of San Miguel Dr.)	5,000	5,000	0	0.0%	5,000	0	0.0%
Avocado Ave. (south of San Miguel Dr.)	12,000	11,000	-1,000	-8.3%	11,000	0	0.0%
Avocado Ave. (north of Coast Hwy.)	11,000	10,000	-1,000	-9.1%	10,000	0	0.0%
Balboa Blvd. (south of Coast Hwy.)	18,000	22,000	4,000	22.2%	22,000	0	0.0%
Bayside Dr. (south of Coast Hwy.)	10,000	11,000	1,000	10.0%	12,000	1,000	9.1%
Birch St. (Jamboree Rd. to Von Karman Ave.)	12,000	14,000	2,000	16.7%	20,000	6,000	42.9%
Birch St. (Von Karman Ave. to MacArthur Blvd.)	15,000	18,000	3,000	20.0%	22,000	4,000	22.2%
Birch St. (west of MacArthur Blvd.)	16,000	21,000	5,000	31.3%	24,000	3,000	14.3%
Birch St. (north of Bristol St. North)	23,000	28,000	5,000	21.7%	30,000	2,000	7.1%
Birch St. (Bristol St. North to Bristol St. South)	19,000	22,000	3,000	15.8%	23,000	1,000	4.5%
Birch St. (south of Bristol St. South)	15,000	14,000	-1,000	-6.7%	17,000	3,000	21.4%
Bison Ave. (Jamboree Rd. to MacArthur Blvd.)	13,000	18,000	5,000	38.5%	18,000	0	0.0%
Bison Ave. (MacArthur Blvd. to SR-73 Fwy.)	7,000	7,000	0	0.0%	10,000	3,000	42.9%
Bluff Rd. (Coast Hwy. to 15th St.)	0	6,000	6,000	--	7,000	1,000	16.7%
Bluff Rd. (15th St. to 17th St.)	0	5,000	5,000	--	6,000	1,000	20.0%
Bonita Canyon Dr. (east of MacArthur Blvd.)	26,000	27,000	1,000	3.8%	31,000	4,000	14.8%
Bonita Canyon Dr. (west of SR-73 Fwy.)	17,000	21,000	4,000	23.5%	26,000	5,000	23.8%
Bristol St. North (west of Campus Dr.)	28,000	30,000	2,000	7.1%	35,000	5,000	16.7%
Bristol St. North (Campus Dr. to Birch St.)	23,000	26,000	3,000	13.0%	30,000	4,000	15.4%
Bristol St. North (east of Birch St.)	22,000	24,000	2,000	9.1%	30,000	6,000	25.0%
Bristol St. North (west of Jamboree Rd.)	16,000	17,000	1,000	6.3%	20,000	3,000	17.6%
Bristol St. South (west of Campus Dr./Irvine Ave.)	28,000	30,000	2,000	7.1%	33,000	3,000	10.0%
Bristol St. South (Campus Dr. to Birch St.)	17,000	20,000	3,000	17.6%	23,000	3,000	15.0%
Bristol St. South (east of Birch St.)	16,000	17,000	1,000	6.3%	22,000	5,000	29.4%
Bristol St. South (west of Jamboree Rd.)	31,000	33,000	2,000	6.5%	39,000	6,000	18.2%

TABLE 4 (2 of 5)

EXISTING PLUS PROJECT E+P AVERAGE DAILY TRAFFIC COMPARISON

LOCATION	EXISTING (2001/2002) COUNT	EXISTING + PROJECT FORECAST	GROWTH FROM EXISTING	% GROWTH FROM EXISTING	BUILDOUT WITH PROJECT	GROWTH (E+P) TO BUILDOUT	% GROWTH (E+P) TO BUILDOUT
Campus Dr. (Jamboree Rd. to Von Karman Ave.)	16,000	16,000	0	0.0%	23,000	7,000	43.8%
Campus Dr. (Von Karman Ave. to MacArthur Blvd.)	20,000	24,000	4,000	20.0%	34,000	10,000	41.7%
Campus Dr. (west of MacArthur Blvd.)	26,000	31,000	5,000	19.2%	40,000	9,000	29.0%
Campus Dr. (north of Bristol St. North)	28,000	32,000	4,000	14.3%	40,000	8,000	25.0%
Campus Dr. (Bristol St. North to Bristol St. South)	30,000	34,000	4,000	13.3%	41,000	7,000	20.6%
Coast Hwy. (west of 15th St.)	46,000	44,000	-2,000	-4.3%	46,000	2,000	4.5%
Coast Hwy. (Superior Ave. to Newport Blvd.)	28,000	39,000	11,000	39.3%	41,000	2,000	5.1%
Coast Hwy. (Newport Blvd. to Riverside Ave.)	53,000	65,000	12,000	22.6%	67,000	2,000	3.1%
Coast Hwy. (Riverside Ave. to Tustin Ave.)	45,000	56,000	11,000	24.4%	58,000	2,000	3.6%
Coast Hwy. (Tustin Ave. to Dover Dr.)	42,000	50,000	8,000	19.0%	53,000	3,000	6.0%
Coast Hwy. (Dover Dr. to Bayside Dr.)	63,000	70,000	7,000	11.1%	76,000	6,000	8.6%
Coast Hwy. (Bayside Dr. to Jamboree Rd.)	51,000	59,000	8,000	15.7%	63,000	4,000	6.8%
Coast Hwy. (Jamboree Rd. to Newport Center Dr.)	42,000	50,000	8,000	19.0%	50,000	0	0.0%
Coast Hwy. (Newport Center Dr. to Avocado Ave.)	35,000	42,000	7,000	20.0%	42,000	0	0.0%
Coast Hwy. (Avocado Ave. to MacArthur Blvd.)	36,000	45,000	9,000	25.0%	45,000	0	0.0%
Coast Hwy. (MacArthur Blvd. to Goldenrod Ave.)	40,000	43,000	3,000	7.5%	45,000	2,000	4.7%
Coast Hwy. (Goldenrod Ave. to Marguerite Ave.)	39,000	41,000	2,000	5.1%	43,000	2,000	4.9%
Coast Hwy. (Marguerite Ave. to Poppy Ave.)	35,000	39,000	4,000	11.4%	42,000	3,000	7.7%
Coast Hwy. (Poppy Ave. to Newport Coast Dr.)	28,000	34,000	6,000	21.4%	38,000	4,000	11.8%
Coast Hwy. (east of Newport Coast Dr.)	35,000	43,000	8,000	22.9%	49,000	6,000	14.0%
Dover Dr. (Irvine Ave. to Westcliff Dr.)	9,000	10,000	1,000	11.1%	11,000	1,000	10.0%
Dover Dr. (Westcliff Dr. to 16th St.)	22,000	22,000	0	0.0%	24,000	2,000	9.1%
Dover Dr. (16th St. to Cliff Dr.)	25,000	26,000	1,000	4.0%	28,000	2,000	7.7%
Dover Dr. (Cliff Dr. to Coast Hwy.)	29,000	30,000	1,000	3.4%	33,000	3,000	10.0%
Eastbluff Dr. (west of Jamboree Rd. at University Dr.)	10,000	10,000	0	0.0%	10,000	0	0.0%
Eastbluff Dr. (west of Jamboree Rd. at Ford Rd.)	15,000	15,000	0	0.0%	15,000	0	0.0%
Ford Rd. (Jamboree Rd. to MacArthur Blvd.)	9,000	11,000	2,000	22.2%	13,000	2,000	18.2%
Goldenrod Ave. (north of Coast Hwy.)	2,000	4,000	2,000	100.0%	4,000	0	0.0%
Highland Dr. (east of Irvine Ave.)	2,000	2,000	0	0.0%	2,000	0	0.0%

TABLE 4 (3 of 5)

EXISTING PLUS PROJECT E+P AVERAGE DAILY TRAFFIC COMPARISON

LOCATION	EXISTING (2001/2002) COUNT	EXISTING + PROJECT FORECAST	GROWTH FROM EXISTING	% GROWTH FROM EXISTING	BUILDOUT WITH PROJECT	GROWTH (E+P) TO BUILDOUT	% GROWTH (E+P) TO BUILDOUT
Hospital Rd. (Placentia Ave. to Newport Blvd.)	13,000	16,000	3,000	23.1%	17,000	1,000	6.3%
Hospital Rd. (east of Newport Blvd.)	7,000	10,000	3,000	42.9%	11,000	1,000	10.0%
Irvine Ave. (Bristol St. South to Mesa Dr.)	27,000	31,000	4,000	14.8%	38,000	7,000	22.6%
Irvine Ave. (Mesa Dr. to University Dr.)	31,000	33,000	2,000	6.5%	42,000	9,000	27.3%
Irvine Ave. (University Dr. to Santa Isabel Ave.)	33,000	35,000	2,000	6.1%	40,000	5,000	14.3%
Irvine Ave. (Santa Isabel Ave. to Santiago Dr.)	29,000	30,000	1,000	3.4%	33,000	3,000	10.0%
Irvine Ave. (Santiago Dr. to Highland Dr.)	27,000	30,000	3,000	11.1%	32,000	2,000	6.7%
Irvine Ave. (Highland Dr. to Dover Dr.)	27,000	31,000	4,000	14.8%	33,000	2,000	6.5%
Irvine Ave. (Dover Dr. to Westcliff Dr.)	22,000	27,000	5,000	22.7%	29,000	2,000	7.4%
Irvine Ave. (Westcliff Dr. to 16th St.)	12,000	13,000	1,000	8.3%	13,000	0	0.0%
Jamboree Rd. (Campus Dr. to Birch St.)	36,000	39,000	3,000	8.3%	48,000	9,000	23.1%
Jamboree Rd. (Birch St. to MacArthur Blvd.)	42,000	43,000	1,000	2.4%	56,000	13,000	30.2%
Jamboree Rd. (MacArthur Blvd. to Bristol St. North)	36,000	38,000	2,000	5.6%	47,000	9,000	23.7%
Jamboree Rd. (Bristol St. North to Bristol St. South)	47,000	46,000	-1,000	-2.1%	53,000	7,000	15.2%
Jamboree Rd. (Bristol St. South to Bayview Wy.)	47,000	46,000	-1,000	-2.1%	53,000	7,000	15.2%
Jamboree Rd. (Bayview Wy. to University Dr.)	47,000	45,000	-2,000	-4.3%	52,000	7,000	15.6%
Jamboree Rd. (University Dr. to Bison Ave.)	39,000	36,000	-1,000	-2.7%	43,000	7,000	19.4%
Jamboree Rd. (Bison Ave. to Ford Rd.)	39,000	41,000	2,000	5.1%	47,000	6,000	14.6%
Jamboree Rd. (Ford Rd. to San Joaquin Hills Rd.)	46,000	50,000	4,000	8.7%	57,000	7,000	14.0%
Jamboree Rd. (San Joaquin Hills Rd. to Santa Barbara Dr.)	34,000	40,000	6,000	17.6%	45,000	5,000	12.5%
Jamboree Rd. (Santa Barbara Dr. to Coast Hwy.)	32,000	38,000	6,000	18.8%	42,000	4,000	10.5%
Jamboree Rd. (Coast Hwy. to Bayside Dr.)	12,000	15,000	3,000	25.0%	15,000	0	0.0%
MacArthur Blvd. (Campus Dr. to Birch St.)	27,000	31,000	4,000	14.8%	37,000	6,000	19.4%
MacArthur Blvd. (Birch St. to Von Karman Ave.)	22,000	23,000	1,000	4.5%	28,000	5,000	21.7%
MacArthur Blvd. (Von Karman Ave. to Jamboree Rd.)	26,000	27,000	1,000	3.8%	34,000	7,000	25.9%
MacArthur Blvd. (south of Jamboree Rd.)	27,000	28,000	1,000	3.7%	38,000	10,000	35.7%
MacArthur Blvd. (north of Bison Ave.)	61,000	69,000	8,000	13.1%	73,000	4,000	5.8%
MacArthur Blvd. (Bison Ave. to Ford Rd.)	63,000	64,000	1,000	1.6%	70,000	6,000	9.4%
MacArthur Blvd. (Ford Rd. to San Joaquin Hills Rd.)	54,000	57,000	3,000	5.6%	61,000	4,000	7.0%

TABLE 4 (4 of 5)

EXISTING PLUS PROJECT E+P AVERAGE DAILY TRAFFIC COMPARISON

LOCATION	EXISTING (2001/2002) COUNT	EXISTING + PROJECT FORECAST	GROWTH FROM EXISTING	% GROWTH FROM EXISTING	BUILDOUT WITH PROJECT	GROWTH (E+P) TO BUILDOUT	% GROWTH (E+P) TO BUILDOUT
MacArthur Blvd. (San Joaquin Hills Rd. to San Miguel Rd.)	35,000	34,000	-1,000	-2.9%	37,000	3,000	8.8%
MacArthur Blvd. (San Miguel Rd. to Coast Hwy.)	31,000	33,000	2,000	6.5%	36,000	3,000	9.1%
Marguerite Ave. (south of San Joaquin Hills Rd.)	7,000	8,000	1,000	14.3%	9,000	1,000	12.5%
Marguerite Ave. (north of Coast Hwy.)	6,000	8,000	2,000	33.3%	8,000	0	0.0%
Mesa Dr. (east of Irvine Ave.)	12,000	10,000	-2,000	-16.7%	13,000	3,000	30.0%
Newport Blvd. (north of Hospital Rd.)	36,000	42,000	6,000	16.7%	45,000	3,000	7.1%
Newport Blvd. (Hospital Rd. to Coast Hwy.)	43,000	52,000	9,000	20.9%	54,000	2,000	3.8%
Newport Blvd. (Coast Hwy. to Via Lido)	48,000	56,000	8,000	16.7%	58,000	2,000	3.6%
Newport Blvd. (Via Lido to 32nd St.)	36,000	40,000	4,000	11.1%	42,000	2,000	5.0%
Newport Blvd. (south of 32nd St.)	29,000	34,000	5,000	17.2%	35,000	1,000	2.9%
Newport Center Dr. (north of Coast Hwy.)	14,000	17,000	3,000	21.4%	17,000	0	0.0%
Newport Coast Dr. (SR-73 Fwy. to San Joaquin Hills Rd.)	17,000	29,000	12,000	70.6%	34,000	5,000	17.2%
Newport Coast Dr. (south of San Joaquin Hills Rd.)	15,000	29,000	14,000	93.3%	32,000	3,000	10.3%
Newport Coast Dr. (north of Coast Hwy.)	12,000	26,000	14,000	116.7%	28,000	2,000	7.7%
Placentia Ave. (north of Superior Ave.)	12,000	12,000	0	0.0%	12,000	0	0.0%
Placentia Ave. (Superior Ave. to Hospital Rd.)	7,000	10,000	3,000	42.9%	11,000	1,000	10.0%
Poppy Ave. (north of Coast Hwy.)	2,000	3,000	1,000	50.0%	3,000	0	0.0%
Riverside Ave. (north of Coast Hwy.)	9,000	11,000	2,000	22.2%	11,000	0	0.0%
San Joaquin Hills Rd. (Jamboree Rd. to Santa Cruz Rd.)	16,000	16,000	0	0.0%	18,000	2,000	12.5%
San Joaquin Hills Rd. (Santa Cruz Rd. to Santa Rosa Rd.)	11,000	11,000	0	0.0%	12,000	1,000	9.1%
San Joaquin Hills Rd. (Santa Rosa Rd. to MacArthur Blvd.)	21,000	27,000	6,000	28.6%	27,000	0	0.0%
San Joaquin Hills Rd. (MacArthur Blvd. to San Miguel Rd.)	19,000	20,000	1,000	5.3%	23,000	3,000	15.0%
San Joaquin Hills Rd. (San Miguel Rd. to Marguerite Ave.)	18,000	22,000	4,000	22.2%	24,000	2,000	9.1%
San Joaquin Hills Rd. (Marguerite Ave. to Spyglass Hill Rd.)	12,000	16,000	4,000	33.3%	19,000	3,000	18.8%
San Joaquin Hills Rd. (Spyglass Hill Rd. to Newport Coast Dr.)	12,000	17,000	5,000	41.7%	19,000	2,000	11.8%
San Miguel Dr. (north of Spyglass Hill Rd.)	7,000	8,000	1,000	14.3%	9,000	1,000	12.5%
San Miguel Dr. (south of Spyglass Hill Rd.)	7,000	8,000	1,000	14.3%	9,000	1,000	12.5%
San Miguel Dr. (north of San Joaquin Hills Rd.)	12,000	13,000	1,000	8.3%	14,000	1,000	7.7%
San Miguel Dr. (San Joaquin Hills Rd. to MacArthur Blvd.)	12,000	15,000	3,000	25.0%	16,000	1,000	6.7%

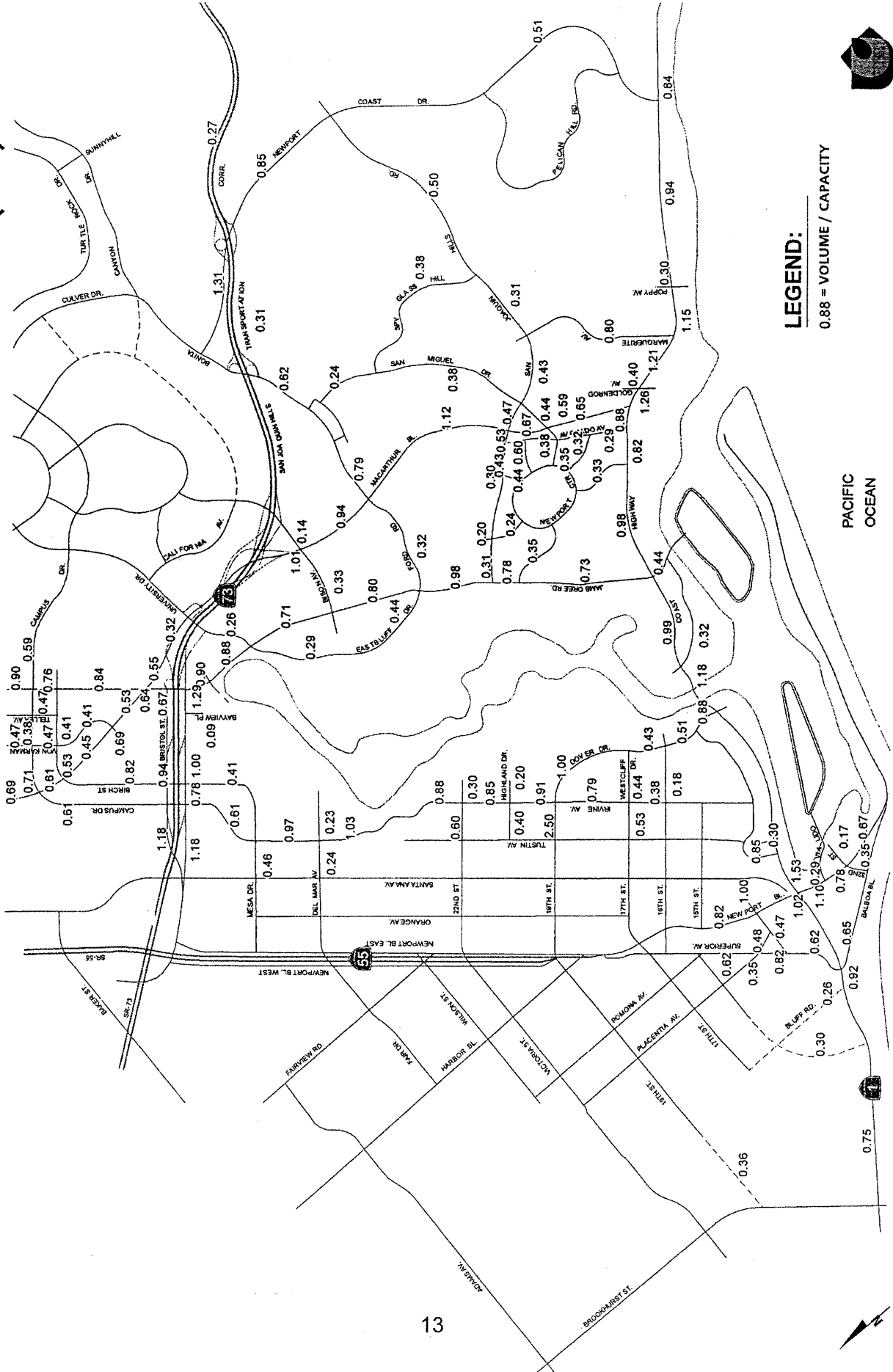
TABLE 4 (5 of 5)

EXISTING PLUS PROJECT E+P AVERAGE DAILY TRAFFIC COMPARISON

LOCATION	EXISTING (2001/2002) COUNT	EXISTING + PROJECT FORECAST	GROWTH FROM EXISTING	% GROWTH FROM EXISTING	BUILDOUT WITH PROJECT	GROWTH (E+P) TO BUILDOUT	% GROWTH (E+P) TO BUILDOUT
San Miguel Dr. (MacArthur Blvd. to Avocado Ave.)	19,000	20,000	1,000	5.3%	20,000	0	0.0%
San Miguel Dr. (west of Avocado Ave.)	10,000	12,000	2,000	20.0%	12,000	0	0.0%
Santa Barbara Dr. (east of Jamboree Rd.)	10,000	12,000	2,000	20.0%	13,000	1,000	8.3%
Santa Cruz Dr. (south of San Joaquin Hills Rd.)	8,000	8,000	0	0.0%	9,000	1,000	12.5%
Santa Rosa Dr. (south of San Joaquin Hills Rd.)	11,000	15,000	4,000	36.4%	14,000	-1,000	-6.7%
Santiago Dr. (Tustin Ave. to Irvine Ave.)	5,000	6,000	1,000	20.0%	6,000	0	0.0%
Santiago Dr. (east of Irvine Ave.)	3,000	3,000	0	0.0%	4,000	1,000	33.3%
Spyglass Hill Rd. (San Miguel Dr. to San Joaquin Hills Rd.)	4,000	4,000	0	0.0%	5,000	1,000	25.0%
SR-55 Freeway (north of SR-73 Fwy.)	155,000	171,000	16,000	10.3%	189,000	18,000	10.5%
SR-55 Freeway (22nd St. to 19th St.)	94,000	117,000	23,000	24.5%	125,000	8,000	6.8%
SR-73 Freeway (SR-55 Fwy. to Campus Dr.)	94,000	115,000	21,000	22.3%	136,000	21,000	18.3%
SR-73 Freeway (Jamboree Rd. to University Dr.)	59,000	75,000	16,000	27.1%	98,000	23,000	30.7%
SR-73 Freeway (Bonita Canyon Rd. to Newport Coast Dr.)	62,000	76,000	14,000	22.6%	136,000	60,000	78.9%
SR-73 Freeway (east of Newport Coast Dr.)	56,000	65,000	9,000	16.1%	128,000	63,000	96.9%
Superior Ave. (north of Placentia Ave.)	17,000	4,000	-13,000	-76.5%	21,000	17,000	425.0%
Superior Ave. (Placentia Ave. to Hospital Rd.)	22,000	21,000	-1,000	-4.5%	18,000	-3,000	-14.3%
Superior Ave. (Hospital Rd. to Coast Hwy.)	24,000	18,000	-6,000	-25.0%	22,000	4,000	22.2%
Superior Ave. (Hospital Rd. to Coast Hwy.)	24,000	21,000	-3,000	-12.5%	22,000	1,000	4.8%
Tustin Ave. (north of Coast Hwy.)	2,000	3,000	1,000	50.0%	3,000	0	0.0%
University Dr. (east of Irvine Ave.)	3,000	3,000	0	0.0%	3,000	0	0.0%
University Dr. (east of Jamboree Rd.)	11,000	11,000	0	0.0%	13,000	2,000	18.2%
Via Lido (east of Newport Blvd.)	8,000	10,000	2,000	25.0%	10,000	0	0.0%
Von Karman Ave. (Campus Dr. to Birch St.)	14,000	16,000	2,000	14.3%	19,000	3,000	18.8%
Von Karman Ave. (Birch St. to MacArthur Blvd.)	12,000	14,000	2,000	16.7%	17,000	3,000	21.4%
Westcliff Dr. (Irvine Ave. to Dover Dr.)	16,000	15,000	-1,000	-6.3%	16,000	1,000	6.7%
ARTERIAL TOTAL	2,981,000	3,344,000	363,000	12.2%	3,737,000	393,000	11.8%
FREEWAY TOTAL	520,000	619,000	99,000	19.0%	812,000	193,000	31.2%
OVERALL TOTAL	3,501,000	3,963,000	462,000	13.2%	4,549,000	586,000	14.8%

EXISTING WITH PROJECT VOLUME/CAPACITY (V/C) RATIO

EXHIBIT B



- Dover Drive north of Westcliff Drive
- Jamboree Road north of San Joaquin Hills Road
- MacArthur Boulevard north of Bison Avenue
- MacArthur Boulevard north of Ford Road
- MacArthur Boulevard north of San Joaquin Hills Road
- Newport Coast Drive north of SR-73 Northbound Ramps
- Newport Boulevard south of Hospital Road
- Hospital Road east of Newport Boulevard
- Bristol Street North east of Birch Street
- Bristol Street South east of Birch Street
- Coast Highway east of Dover Drive
- Coast Highway east of Bayside Drive
- Coast Highway east of Jamboree Road
- Coast Highway east of MacArthur Boulevard
- Coast Highway east of Goldenrod Avenue
- Coast Highway east of Marguerite Avenue
- Coast Highway east of Poppy Avenue
- Coast Highway west of Superior Avenue / Balboa Boulevard
- Coast Highway west of Riverside Drive
- Bristol Street North west of Campus Drive
- Bristol Street South west of Campus Drive
- Dover Drive west of Irvine Avenue
- Bristol Street South west of Jamboree Road

The daily capacity of a roadway correlates to a number of widely varying factors, including traffic peaking characteristics, traffic turning volumes, and the volume of traffic on crossing streets. The daily capacities are therefore most appropriately used for long range General Plan analysis, or as a screening tool to determine the need for more

detailed peak hour analysis. More detailed peak hour analysis has been conducted at key intersections in the vicinity of all these roadway segments to quantify actual peak hour operations and levels of service.

Peak Hour Forecasts

The final and most meaningful data evaluated for the Existing With Project scenario was intersection volume and geometric data for the 64 intersections selected for analysis. The existing intersection configurations have been used for calculation of the initial Existing With Project intersection capacity utilization values (ICUs). Table 5 summarizes the Existing With Project ICUs based on the AM and PM peak hour intersection turning movement volumes and the existing intersection geometric data compared with Existing (Without Project) and General Plan Buildout With Project ICUs. Attachment A contains the detailed ICU calculation worksheets for Existing With Project conditions. The worksheets in Attachment A summarize the intersection geometric data and the AM and PM peak intersection turning movement volumes.

Intersections with ICU values greater than 0.90 (LOS "E" or worse) in either peak period for Existing With Project conditions without improvements beyond 2005 conditions are:

- Newport Boulevard (NS) / Hospital Road (EW) (PM)
- Riverside Drive (NS) / Coast Highway (EW) (AM)
- MacArthur Boulevard (NS) / Campus Drive (EW) (PM)
- Jamboree Road (NS) / Campus Drive (EW) (PM)
- Campus Drive (NS) / Bristol Street North (EW) (PM)
- Irvine Avenue (NS) / Mesa Drive (EW) (PM)
- Irvine Avenue (NS) / University Drive (EW) (PM)
- MacArthur Boulevard (NS) / San Joaquin Hills Road (EW) (PM)
- Goldenrod Avenue (NS) / Coast Highway (EW) (AM)

TABLE 5 (1 of 3)

EXISTING WITH PROJECT INTERSECTION CAPACITY UTILIZATION (ICU) COMPARISON

INTERSECTION (NS & EW)	AM PEAK HOUR				PM PEAK HOUR					
	EXISTING COUNT	EXISTING WITH PROJECT	GROWTH FROM EXISTING	BUILDOUT WITH PROJECT	GROWTH TO BUILDOUT	EXISTING COUNT	EXISTING WITH PROJECT	GROWTH FROM EXISTING	BUILDOUT WITH PROJECT	GROWTH TO BUILDOUT
1a. Bluff Rd. & Coast Hw.	DNE ¹	0.69	N/A	0.61	-0.08	DNE	0.82	N/A	0.89	0.07
1b. 15th St. & Coast Hw.	DNE ¹	0.71	N/A	0.72	0.01	DNE	0.86	N/A	0.90	0.04
2. Superior Av. & Placentia Av.	0.66	0.67	0.01	0.67	0.00	0.67	0.53	-0.14	0.57	0.04
3. Superior Av. & Coast Hw.	0.84	0.83	-0.01	0.88	0.05	0.90	0.72	-0.18	0.76	0.04
4. Newport Bl. & Hospital Rd.	0.54	0.78	0.24	0.83	0.05	0.70	0.91	0.21	0.96	0.05
5. Newport Bl. & Via Lido	0.41	0.54	0.13	0.58	0.04	0.37	0.39	0.02	0.41	0.02
6. Newport Bl. & 32nd St.	0.73	0.82	0.09	0.86	0.04	0.78	0.87	0.09	0.91	0.04
7. Riverside Av. & Coast Hw.	0.84	0.92	0.08	0.97	0.05	0.93	0.89	-0.04	0.93	0.04
8. Tustin Av. & Coast Hw.	0.80	0.87	0.07	0.94	0.07	0.67	0.76	0.09	0.83	0.07
9. MacArthur Bl. & Campus Dr.	0.61	0.64	0.03	0.81	0.17	0.85	0.99	0.14	1.24	0.26
10. MacArthur Bl. & Birch St.	0.49	0.55	0.06	0.79	0.24	0.66	0.81	0.15	0.90	0.10
11. Von Karman Av. & Campus Dr.	0.55	0.60	0.05	0.73	0.13	0.79	0.77	-0.02	0.97	0.20
12. MacArthur Bl. & Von Karman Av.	0.46	0.45	-0.01	0.54	0.09	0.53	0.51	-0.02	0.65	0.14
13. Jamboree Rd. & Campus Dr.	0.70	0.67	-0.03	0.93	0.26	0.85	0.96	0.11	1.18	0.22
14. Jamboree Rd. & Birch St.	0.61	0.54	-0.07	1.00	0.46	0.60	0.64	0.04	0.84	0.21
15. Campus Dr. & Bristol St. (N)	0.77	0.85	0.08	1.02	0.17	0.94	0.95	0.01	1.06	0.11
16. Birch St. & Bristol St. (N)	0.66	0.68	0.02	0.90	0.22	0.61	0.61	0.00	0.72	0.11
17. Campus Dr./Irvine Av. & Bristol St. (S)	0.72	0.77	0.05	0.89	0.13	0.58	0.68	0.10	0.78	0.10
18. Birch St. & Bristol St. (S)	0.46	0.48	0.02	0.51	0.03	0.44	0.43	-0.01	0.54	0.11
19. Irvine Av. & Mesa Dr.	0.70	0.78	0.08	0.98	0.20	0.94	0.95	0.01	1.19	0.24
20. Irvine Av. & University Dr.	0.82	0.89	0.07	1.19	0.30	0.89	0.99	0.10	1.09	0.10
21. Irvine Av. & Santiago Dr.	0.66	0.62	-0.04	0.69	0.07	0.72	0.75	0.03	0.77	0.02
22. Irvine Av. & Highland Dr.	0.57	0.57	0.00	0.60	0.03	0.60	0.62	0.02	0.65	0.03
23. Irvine Av. & Dover Dr.	0.72	0.72	0.00	0.78	0.06	0.64	0.67	0.03	0.69	0.02
24. Irvine Av. & Westcliff Dr.	0.57	0.61	0.04	0.66	0.05	0.77	0.75	-0.02	0.82	0.07

TABLE 5 (2 of 3)

EXISTING WITH PROJECT INTERSECTION CAPACITY UTILIZATION (ICU) COMPARISON

INTERSECTION (NS & EW)	AM PEAK HOUR				PM PEAK HOUR					
	EXISTING COUNT	EXISTING WITH PROJECT	GROWTH FROM EXISTING	BUILDOUT WITH PROJECT	GROWTH TO BUILDOUT	EXISTING COUNT	EXISTING WITH PROJECT	GROWTH FROM EXISTING	BUILDOUT WITH PROJECT	GROWTH TO BUILDOUT
	25. Dover Dr. & Westcliff Dr.	0.38	0.36	-0.02	0.38	0.02	0.48	0.50	0.02	0.54
26. Dover Dr. & 16th St.	0.55	0.57	0.02	0.60	0.03	0.57	0.57	0.00	0.60	0.03
27. Dover Dr. & Coast Hw.	0.70	0.74	0.04	0.81	0.07	0.74	0.86	0.12	0.94	0.08
28. Bayside Dr. & Coast Hw.	0.69	0.86	0.17	0.89	0.03	0.70	0.79	0.09	0.85	0.06
29. MacArthur Bl. & Jamboree Rd.	0.88	0.76	-0.12	0.93	0.17	0.91	0.79	-0.12	1.02	0.23
30. Jamboree Rd. & Bristol St. (N)	0.55	0.51	-0.04	0.68	0.17	0.59	0.56	-0.03	0.67	0.11
31. Bayview Pl. & Bristol St. (S)	0.48	0.47	-0.01	0.60	0.13	0.56	0.55	-0.01	0.63	0.08
32. Jamboree Rd. & Bristol St. (S)	0.75	0.73	-0.02	0.94	0.21	0.72	0.78	0.06	0.87	0.09
33. Jamboree Rd. & Bayview Wy.	0.41	0.37	-0.04	0.45	0.08	0.57	0.61	0.04	0.67	0.07
34. Jamboree Rd. & Eastbluff Dr. /University Dr.	0.60	0.59	-0.01	0.68	0.09	0.64	0.55	-0.10	0.67	0.13
35. Jamboree Rd. & Bison Av.	0.45	0.52	0.07	0.52	0.00	0.51	0.60	0.09	0.62	0.02
36. Jamboree Rd. & Eastbluff Dr./Ford Rd.	0.69	0.73	0.04	0.80	0.07	0.65	0.67	0.02	0.77	0.10
37. Jamboree Rd. & San Joaquin Hills Rd.	0.80	0.55	-0.25	0.61	0.06	1.00	0.65	-0.35	0.72	0.07
38. Jamboree Rd. & Santa Barbara Dr.	0.47	0.56	0.09	0.58	0.02	0.63	0.78	0.15	0.79	0.01
39. Jamboree Rd. & Coast Hw.	0.68	0.72	0.04	0.77	0.05	0.74	0.72	-0.02	0.80	0.08
40. Santa Cruz Dr. & San Joaquin Hills Rd.	0.36	0.34	-0.02	0.38	0.04	0.36	0.33	-0.03	0.34	0.01
41. Santa Rosa Dr. & San Joaquin Hills Rd.	0.32	0.43	0.11	0.41	-0.02	0.52	0.74	0.22	0.71	-0.03
42. Newport Center Dr. & Coast Hw.	0.40	0.46	0.06	0.48	0.02	0.52	0.61	0.09	0.63	0.02
44. Avocado Av. & San Miguel Dr.	0.33	0.36	0.03	0.36	0.00	0.72	0.76	0.04	0.79	0.03
45. Avocado Av. & Coast Hw.	0.58	0.71	0.13	0.73	0.02	0.66	0.80	0.14	0.78	-0.02
46. SR-73 NB Ramps & Bison Av.	0.31	0.33	0.02	0.52	0.19	0.37	0.41	0.04	0.61	0.20
47. SR-73 SB Ramps & Bison Av.	0.26	0.27	0.01	0.42	0.15	0.17	0.16	-0.01	0.32	0.16
48. MacArthur Bl. & Bison Av.	0.63	0.78	0.15	0.78	0.00	0.60	0.71	0.11	0.79	0.08
49. MacArthur Bl. & Ford Rd./Bonita Canyon Dr.	0.71	0.76	0.05	0.80	0.04	0.90	0.88	-0.02	1.00	0.12
50. MacArthur Bl. & San Joaquin Hills Rd.	0.64	0.69	0.05	0.79	0.10	0.93	1.08	0.15	1.12	0.04

TABLE 5 (3 of 3)

EXISTING WITH PROJECT INTERSECTION CAPACITY UTILIZATION (ICU) COMPARISON

INTERSECTION (NS & EW)	AM PEAK HOUR				PM PEAK HOUR				
	EXISTING COUNT	EXISTING WITH PROJECT	GROWTH FROM EXISTING	BUILDOUT WITH PROJECT	GROWTH TO BUILDOUT	EXISTING WITH PROJECT	GROWTH FROM EXISTING	BUILDOUT WITH PROJECT	GROWTH TO BUILDOUT
51. MacArthur Bl. & San Miguel Dr.	0.56	0.63	0.06	0.64	0.02	0.65	0.04	0.75	0.06
52. MacArthur Bl. & Coast Hw.	0.60	0.69	0.09	0.72	0.03	0.71	0.01	0.78	0.06
53. SR-73 NB Ramps & Bonita Canyon Dr.	0.55	0.65	0.10	1.06	0.41	0.43	0.05	0.76	0.28
54. SR-73 SB Ramps & Bonita Canyon Dr.	0.30	0.33	0.03	0.46	0.13	0.41	0.12	0.66	0.13
55. Spyglass Hill Rd. & San Miguel Dr.	0.28	0.26	-0.02	0.30	0.04	0.31	0.01	0.38	0.06
56. San Miguel Dr. & San Joaquin Hills Rd.	0.44	0.50	0.06	0.55	0.05	0.54	0.12	0.74	0.08
57. Goldenrod Av. & Coast Hw.	0.99	0.96	-0.03	0.99	0.03	0.69	0.01	0.69	-0.01
58. Marguerite Av. & San Joaquin Hills Rd.	0.31	0.35	0.04	0.42	0.07	0.35	0.06	0.51	0.10
59. Marguerite Av. & Coast Hw.	0.83	0.86	0.03	0.98	0.12	0.82	0.08	1.00	0.10
60. Spyglass Hill Rd. & San Joaquin Hills Rd.	0.44	0.45	0.01	0.60	0.15	0.30	0.09	0.49	0.10
61. Poppy Av. & Coast Hw.	0.61	0.61	0.00	0.70	0.09	0.65	0.05	0.76	0.06
62. Newport Coast Dr. & SR-73 NB Ramps	0.45	0.47	0.02	0.65	0.18	0.31	0.02	0.40	0.08
64. Newport Coast Dr. & San Joaquin Hills Rd.	0.37	0.55	0.18	0.62	0.07	0.29	0.02	0.49	0.18
65. Newport Coast Dr. & Coast Hw.	0.47	0.60	0.13	0.70	0.11	0.50	0.16	0.73	0.07

Less than half (9 vs. 19) of the intersections projected to experience deficiencies for future General Plan Buildout With Project conditions would still experience deficiencies (without improvements) for Existing Plus Project conditions. Intersection analysis has been performed to determine improvements necessary to provide acceptable levels of service. ICU worksheets are included in Attachment B. Table 6 also compares the ICU results with and without improvements. Improvements necessary to provide acceptable levels of service are shown in Table 7. Improvements that require the least additional right-of-way or other environmental impacts have generally been recommended.

Freeway / Tollway and Ramp Analysis

For the Existing With Project scenario, the volumes on most segments have slightly increased when compared to the Existing (Without Project) scenario. The analysis summary is shown on Table 8. With anticipated regional improvements, the following segments operate at a deficient level of service in the Existing With Project scenario:

SR-73 Freeway Northbound

- Bear Street to SR-55 Freeway (AM)
- SR-55 Freeway to Jamboree Rd. (AM)

SR-73 Freeway Southbound

- I-405 Freeway to Bear Street (PM)

Additional segments that operate at a deficient level of service in the General Plan With Project scenario include:

SR-73 Northbound

- I-405 Freeway to Bear Street (AM)
- Bonita Canyon Drive to Newport Coast Drive (AM)
- Newport Coast Drive to Toll Plaza (AM)

TABLE 6 (Page 1 of 4)

INTERSECTION ANALYSIS SUMMARY FOR EXISTING WITH PROJECT

INTERSECTION	TRAFFIC CONTROL ²	INTERSECTION APPROACH LANES ¹												LEVEL OF SERVICE			FEASIBILITY/COMMENTS	
		NORTH-BOUND			SOUTH-BOUND			EAST-BOUND			WEST-BOUND			AM	PM	PM		
		L	T	R	L	T	R	L	T	R	L	T	R					
Bluff Rd. (NS) at: • Coast Hw. (EW) -LOS D Improvements	TS	0	0	0	1	0	2>	2	3	0	0	3	1	0.69	0.82	B	D	Shares Southbound volume with 15th St.
15th St. (NS) at: • Coast Hw. (EW) -LOS D Improvements	TS	0	0	0	1	0	2>	2	3	0	0	3	1	0.71	0.86	C	D	Shares Southbound volume with Bluff Rd.
Superior Av. (NS) at: • Placentia Av. (EW) • Coast Hw. (EW)	TS	1	2	1	1	2	d	1	1	1	0.5	1.5	0	0.67	0.53	B	A	
Newport Bl. (NS) at: • Hospital Rd. (EW) -LOS D Improvements	TS	1.5	1.5	0	1.5	1.5	2>	2	3	d	2	4	d	0.83	0.72	D	C	
• Via Lido (EW) • 32nd St. (EW)	TS	1	3	1	1	3	d	2	1	1	1	2	0	0.78	0.91	C	E	Consistent with historic plan
Riverside Av. (NS) at: • Coast Hw. (EW)	TS	2	3	1	1	3	d	2	1	1	1	2	0	0.78	0.84	C	D	
-LOS D Improvements	TS	0	3	1	2	3	0	0	0	0	1	0	2>	0.54	0.39	A	A	
Tustin Av. (NS) at: • Coast Hw. (EW)	TS	1	2	d	1	2	0	1.5	0.5	1	0.5	1.5	1>>	0.82	0.87	D	D	
MacArthur Bl. (NS) at: • Campus Dr. (EW) -LOS D Improvements	TS	0	1	d	0.5	0.5	1>	1	2	0	1	3	1	0.92	0.89	E	D	Consistent with historic plan. Would remove parking and WB RT lane on north side of street.
• Birch St. (EW) Von Karman Av. (NS) at: • Campus Dr. (EW)	TS	0	1	d	0.5	0.5	1>	1	3	0	1	3	0	0.65	0.90	B	D	
MacArthur Bl. (NS) at: • Von Karman Av. (EW)	TS	0	1	0	0	1	0	1	2	0	0	3	1	0.87	0.76	D	C	
Jamboree Rd. (NS) at: • Campus Dr. (EW) -LOS D Improvements	TS	1	4	1	1	4	1	2	3	1	2	3	1>>	0.64	0.99	B	E	Restripe only.
• Birch St. (EW) Campus Dr. (NS) at: • Bristol St. N (EW)	TS	1	4	1	1	3.5	1.5	2	3	1	2	3	1>>	0.64	0.75	B	C	
-LOS D Improvements	TS	1	3	1	1	4	0	1.5	1.5	0	1	2	1>>	0.55	0.81	A	D	
MacArthur Bl. (NS) at: • Von Karman Av. (EW)	TS	1	2	1>>	1	2	0	1	2	1	1	2	0	0.60	0.77	A	C	
Jamboree Rd. (NS) at: • Campus Dr. (EW) -LOS D Improvements	TS	1	3	1	1	3	1	1	2	1>>	2	1	1>>	0.45	0.51	A	A	
• Birch St. (EW) Campus Dr. (NS) at: • Bristol St. N (EW)	TS	2	4	0	2	3	0	2	2	1>>	2	2	1	0.67	0.96	B	E	
-LOS D Improvements	TS	2	4	0	2	3	0	2	2	0	2	2	1>	0.67	0.84	B	D	
MacArthur Bl. (NS) at: • Bristol St. N (EW)	TS	1	3	0	1	3	1>>	1.5	0.5	1>>	0	1	0	0.54	0.64	A	B	
-LOS D Improvements	TS	2	3	0	0	4	2	0	0	0	2	4	0	0.85	0.95	D	E	Based on field reconnaissance, it appears this could be accomplished on inside (south side), involving improvements to SR-73 NB On-ramp.
-LOS D Improvements	TS	2	3	0	0	4	2	0	0	0	2	5	0	0.79	0.87	C	D	

TABLE 6 (Page 2 of 4)

INTERSECTION ANALYSIS SUMMARY FOR EXISTING WITH PROJECT

INTERSECTION	TRAFFIC CONTROL ²	INTERSECTION APPROACH LANES ¹												LEVEL OF SERVICE			FEASIBILITY/COMMENTS	
		NORTH-BOUND			SOUTH-BOUND			EAST-BOUND			WEST-BOUND			AM	PM	PM		
		L	T	R	L	T	R	L	T	R	L	T	R					
Birch St. (NS) at: • Bristol St. N (EW) Campus Dr. (NS) at: • Bristol St. S (EW)	TS	2	2	0	0	1.5	2.5	0	0	0	1.5	3.5	0	0.68	0.61	B	B	
Birch St. (NS) at: • Bristol St. S (EW)	TS	0	5	0	1	3	0	1.5	2.5	2	0	0	0	0.77	0.68	C	B	
Irvine Av. (NS) at: • Mesa Dr. (EW) -Funded Improvements • University Dr. (EW) -LOS D Improvements • Santiago Dr. (EW) • Highland Dr. (EW) • Dover Dr. (EW) • Westcliff Dr. (EW)	TS	0	2.5	1.5	2	2	0	1.5	3.5	0	0	0	0	0.68	0.61	B	B	
Dover Dr. (NS) at: • Westcliff Dr. (EW) • 16th St. (EW) • Coast Hw. (EW)	TS	1	2	d	1	2	d	1	1	0	1	1	1	0.78	0.95	C	E	ROW and potential environmental issues.
Bayside Dr. (NS) at: • Coast Hw. (EW)	TS	1	3	1	1	3	1	1	1	1	2	1	0	0.54	0.69	A	B	
MacArthur Bl. (NS) at: • Jamboree Rd. (EW)	TS	1	2	1	1	2	1	1	2	d	1	1	d	0.89	0.99	D	E	
Jamboree Rd. (NS) at: • Bristol St. N (EW)	TS	1	2	0	1	3	0	1	2	1	1	1	1	0.89	0.76	D	C	
Bayview Pl. (NS) at: • Bristol St. S (EW)	TS	1	2	0	1	2	d	0	1	d	0	1	d	0.62	0.75	B	C	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	1	2	d	1	2	d	1	1	0	1	1	d	0.57	0.62	A	B	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	1	2	d	1	2	d	1	1	0	1	1	d	0.72	0.67	C	B	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	2	2	d	2	2	d	2	2	0	1	2	0	0.61	0.75	B	C	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	2	2	0	0	1	1	2	0	1>>	0	0	0	0.36	0.50	A	A	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	1	2	d	1	2	d	0.5	0.5	d	1	1	1	0.57	0.57	A	A	
Jamboree Rd. (NS) at: • Bristol St. N (EW)	TS	1	1	1	3	1	1	2	3	0	1	3	1>>	0.74	0.86	C	D	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	2.5	0.5	0	1	1	d	1	3	1	1	4	0	0.86	0.79	D	C	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	2	3	1>	2	3	1>>	2	3	1>>	2	3	1>>	0.76	0.79	C	C	
Jamboree Rd. (NS) at: • Bristol St. N (EW)	TS	2	3	0	0	2.5	1.5	0	0	0	0	0	0	0.51	0.56	A	A	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	0	0	2	0	0	0	0	4	1	0	0	0	0.47	0.55	A	A	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	0	5	0	0	3	0	1.5	1.5	2	0	0	0	0.73	0.78	C	C	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	1	4	0	1	4	1	2	1	1	1	1	1	0.37	0.61	A	B	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	1	3	1	2	3	1	1.5	0.5	1	1.5	1.5	1>>	0.59	0.55	A	A	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	0	3	d	2	3	1	1	0	1	2	0	2	0.52	0.60	A	A	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	2	3	0	2	3	1	1	1	1>>	1.5	1.5	1	0.73	0.67	C	B	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	1	3	1>>	2	3	1	1.5	1.5	1	2	1	1>>	0.55	0.65	A	B	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	1	3	1	2	3	1	1	1	0	1.5	0.5	1	0.56	0.78	A	C	
Jamboree Rd. (NS) at: • Bristol St. S (EW)	TS	1	2	0	1	2	1>>	3	4	0	2	4	1>>	0.72	0.72	C	C	

TABLE 6 (Page 3 of 4)

INTERSECTION ANALYSIS SUMMARY FOR EXISTING WITH PROJECT

INTERSECTION	TRAFFIC CONTROL ²	INTERSECTION APPROACH LANES ¹												LEVEL OF SERVICE			FEASIBILITY/COMMENTS	
		NORTH-BOUND			SOUTH-BOUND			EAST-BOUND			WEST-BOUND			AM	PM	PM		
		L	T	R	L	T	R	L	T	R	L	T	R					
Santa Cruz Dr. (NS) at: • San Joaquin Hills Rd. (EW)	TS	2	1	0	1	1	1	1	3	0	1	3	0	0.34	0.33	A	A	
Santa Rosa Dr. (NS) at: • San Joaquin Hills Rd. (EW)	TS	1	1	1>	1	1	1	1	3	0	2	3	0	0.43	0.74	A	C	
Newport Center Dr. (NS) at: • Coast Hw. (EW)	TS	0	0	0	2	0	1>>	2	3	0	0	3	1>>	0.46	0.61	A	B	
Avocado Av. (NS) at: • San Miguel Dr. (EW)	TS	1	1	1>	1	1	1>	1	2	0	2	2	0	0.36	0.76	A	C	
Coast Hw. (EW)	TS	1	1	1	1.5	0.5	1	1	3	d	1	3	1	0.71	0.80	C	C	
SR-73 NB Ramps (NS) at: • Bison Av. (EW)	TS	1.5	0	1.5	0	0	0	1	2	0	0	2	1	0.33	0.41	A	A	
SR-73 SB Ramps (NS) at: • Bison Av. (EW)	TS	0	0	0	2	0	1>>	0	2	1	2	2	0	0.27	0.16	A	A	
MacArthur Bl. (NS) at: • Bison Av. (EW)	TS	2	4	1>>	2	4	1>	2	2	1>>	2	2	1	0.78	0.71	C	C	
• Ford Rd./Bonita Canyon Dr. (EW)	TS	2	4	1>>	2	4	1>>	2	2	1	2	2	1>>	0.76	0.88	C	D	
• San Joaquin Hills Rd. (EW)	TS	2	3	1	2	3	1>>	2	3	0	1	2	1>>	0.69	1.08	B	F	
LOS E Alternative 1	TS	2	3	1	3	3	1>>	2	3	0	1	2	1>>	0.63	1.00	B	E	
LOS E Alternative 2	TS	2	4	0	2	3	1>>	2	3	0	1	2	1>>	0.62	1.00	B	E	
LOS E Alternative 3	TS	2	3	1	2	3	1>>	3	3	0	1	2	1>>	0.66	0.95	B	E	
LOS D Alternative 1	TS	2	3	1	3	3	1>>	3	3	0	1	2	1>>	0.60	0.87	A	D	
-LOS D Alternative 2	TS	2	4	0	2	3	1>>	3	3	0	1	2	1>>	0.59	0.87	A	D	May require narrow lanes and lead/lag LT operations.
• San Miguel Dr. (EW)	TS	2	3	1	2	3	1>	2	2	0	2	2	d	0.63	0.70	B	B	
• Coast Hw. (EW)	TS	0	0	0	2	0	1>>	2	3	0	0	3	1>>	0.69	0.72	B	C	
SR-73 NB Ramps (NS) at: • Bonita Canyon Dr. (EW)	TS	2	0	1	0	0	0	0	2	1	1	2	0	0.65	0.48	B	A	
SR-73 SB Ramps (NS) at: • Bonita Canyon Dr. (EW)	TS	2	0	1	0	0	0	0	2	1	2	3	0	0.33	0.53	A	A	
Spyglass Hill Rd. (NS) at: • San Miguel Dr. (EW)	TS	0	1	d	0	1	1	1	2	d	1	2	d	0.26	0.32	A	A	
• San Miguel Dr. (NS) at: • San Joaquin Hills Rd. (EW)	TS	1	2	0	1	2	1>	2	3	0	1	3	0	0.50	0.66	A	B	
Goldenrod Av. (NS) at: • Coast Hw. (EW)	TS	1	1	0	0	1	0	1	2	d	1	2	d	0.96	0.70	E	B	
Marguerite Av. (NS) at: • San Joaquin Hills Rd. (EW)	TS	1.5	0.5	1	1	1	0	1	2	1>	1	3	d	0.35	0.41	A	A	
• Coast Hw. (EW)	TS	1	1	0	1	1	0	1	2	1	1	2	0	0.86	0.90	D	D	

TABLE 6 (Page 4 of 4)

INTERSECTION ANALYSIS SUMMARY FOR EXISTING WITH PROJECT

INTERSECTION	TRAFFIC CONTROL ²	INTERSECTION APPROACH LANES ¹												LEVEL OF SERVICE			FEASIBILITY/COMMENTS	
		NORTH-BOUND			SOUTH-BOUND			EAST-BOUND			WEST-BOUND			ICU				
		L	T	R	L	T	R	L	T	R	L	T	R	AM	PM	PM		
Spyness Hill Rd. (NS) at: • San Joaquin Hills Rd. (EW) • Poppy Av. (NS) at: • Coast Hw. (EW)	TS	1	1	0	1	1	d	1	2	1	1	2	d	0.45	0.39	A	A	A
Newport Coast Dr. (NS) at: • SR-73 NB Ramps (EW) • San Joaquin Hills Rd. (EW) • Coast Hw. (EW)	TS TS TS	0	2	1>>	0	2	0	0	0	0	0	0	0	0.47	0.33	A	A	A
		2	3	0	0	3	1	1	0	2>	0	0	0	0.55	0.31	A	A	A
		1	1	1	2	1	1>>	1	3	1	1	3	1>>	0.60	0.66	A	B	B

¹ When a right turn is designated, the lane can either be striped or unstriped. To function as a right turn lane there must be sufficient width for right turning vehicles to travel outside the through lanes.

L = Left; T = Through; R = Right; > = Overlap; >> = Free Right; 1 = Improvement

² TS = Traffic Signal

TABLE 7

EXISTING WITH PROJECT SUMMARY OF
IMPROVEMENT NEEDS BEYOND 2005 EXISTING LANES

INTERSECTION	ADDITIONAL INTERSECTION IMPROVEMENTS
	WITH PROJECT
Bluff Rd. (NS) at: • Coast Hw. (EW)	Provide one SB left turn lane and two SB right turn lanes (2nd with overlap phase). Provide two EB left turn lanes. Provide one WB right turn lane.
15th St. (NS) at: • Coast Hw. (EW)	Provide one SB left turn lane and two SB right turn lanes (2nd with overlap phase). Provide two EB left turn lanes. Provide one WB right turn lane.
Newport Bl. (NS) at: • Hospital Rd. (EW)	Provide 2nd NB left turn lane.
Riverside Av. (NS) at: • Coast Hw. (EW)	Provide 3rd EB through lane. Note: This intersection experiences LOS "E" conditions for Existing Plus Project conditions without improvements. LOS "E" is considered acceptable at this location in the proposed Circulation Element. This improvement provides LOS "D" operations for Existing With Project conditions. The same improvement is required to achieve LOS "E" operations in both General Plan Buildout scenarios.
MacArthur Bl. (NS) at: • Campus Dr. (EW)	Restripe SB to provide 3.5 through lanes and 1.5 right turn lanes.
Jamboree Rd. (NS) at: • Campus Dr. (EW)	Provide WB right turn overlap phase for current right turn lane.
Campus Dr. (NS) at: • Bristol St. N (EW)	Provide 5th WB through lane. Note: This intersection experiences LOS "E" conditions for Existing Plus Project conditions without improvements. LOS "E" is considered acceptable at this location in the proposed Circulation Element. This improvement provides LOS "D" operations for Existing With Project conditions. The same improvement is required to achieve LOS "E" operations in both General Plan Buildout scenarios.
Irvine Av. (NS) at: • Mesa Dr. (EW) -Funded Improvements • University Dr. (EW)	Provide 3rd NB through lane. Provide 3rd SB through lane. Provide 1st EB right turn lane. Provide 2nd WB left turn lane. Note: As for General Plan Buildout With Project conditions, the EB right turn lane is not necessary. Provide 3rd SB through lane.
MacArthur Bl. (NS) at: • San Joaquin Hills Rd. (EW)	Provide 4th NB through lane. Provide 3rd EB left turn lane.

TABLE 8

EXISTING PLUS PROJECT SR-73 FREEWAY/TOLL WAY PEAK HOUR MAINLINE ANALYSIS

AM SEGMENT	ADT	NORTHBOUND			SOUTHBOUND		
		LANES	VOLUME	LOS	LANES	VOLUME	LOS
405 Fw. to Bear St.	107,000	3	8,495	F	3	2,740	B
-with anticipated regional improvements ²		<u>5</u>		D	<u>4</u>		B
-with additional improvements		5		D	<u>5</u>		A
Bear St. to 55 Fw.	121,000	3	9,606	F	3	3,099	C
-with anticipated regional improvements ²		<u>5</u>		E	<u>5</u>		B
-with additional improvements		<u>6</u>		D	5		B
55 Fw. to Jamboree Rd.	115,000	3	9,130	F	3	2,945	B
-with anticipated regional improvements ²		<u>5</u>		E	<u>5</u>		A
-with additional improvements		<u>6</u>		D	5		A
Jamboree Rd. to Bonita Canyon Dr.	75,000	3	5,954	E	3	1,921	B
-with anticipated regional improvements ²		<u>5</u>		C	<u>5</u>		A
Bonita Canyon Dr. to Newport Coast Dr.	76,000	4	6,034	D	4	1,946	A
Newport Coast Dr. to Toll Plaza	65,000	3	5,160	D	3	1,665	A

PM SEGMENT	ADT	NORTHBOUND			SOUTHBOUND		
		LANES	VOLUME	LOS	LANES	VOLUME	LOS
405 Fw. to Bear St.	107,000	3	4,475	D	3	7,242	F
-with anticipated regional improvements ²		<u>5</u>		B	<u>4</u>		E
-with additional improvements		5		B	<u>5</u>		D
Bear St. to 55 Fw.	121,000	3	5,060	D	3	8,190	F
-with anticipated regional improvements ²		<u>5</u>		C	<u>5</u>		D
-with additional improvements		<u>6</u>		B	5		D
55 Fw. to Jamboree Rd.	115,000	3	4,810	D	3	7,783	F
-with anticipated regional improvements ²		<u>5</u>		B	<u>5</u>		D
-with additional improvements		<u>6</u>		A	5		D
Jamboree Rd. to Bonita Canyon Dr.	75,000	3	3,137	C	3	5,076	D
-with anticipated regional improvements ²		<u>5</u>		B	<u>5</u>		C
Bonita Canyon Dr. to Newport Coast Dr.	76,000	4	3,178	B	4	5,144	C
Newport Coast Dr. to Toll Plaza	65,000	3	2,719	B	3	4,399	D

¹ = Improvement

² - Anticipated regional improvements taken from OCTAM

SR-73 Southbound

- Bear Street to SR-55 Freeway (PM)
- SR-55 Freeway to Jamboree Road (PM)

Because the needed improvements to serve Existing Plus Project traffic volumes on the freeway exceed the planned system improvements, a potentially significant impact to the freeway system may occur.

The ramp volumes for the Existing With Project scenario are similar to the ramp volumes for the Existing scenario, which resulted in the same operational deficiencies. Table 9 summarizes the analysis. The deficient ramps are:

- Bristol Street Northbound Off
- Jamboree Road Southbound On
- MacArthur Boulevard Northbound On
- MacArthur Boulevard Southbound Off
- Bonita Canyon Drive Northbound On

Additional ramps that experience deficient levels of service for General Plan Buildout with Project conditions are:

- Newport Coast Drive Northbound Off
- Newport Coast Drive Northbound On
- Newport Coast Drive Southbound Off

TABLE 9

EXISTING PLUS PROJECT SR-73 FREEWAY PEAK HOUR RAMP ANALYSIS

RAMP	MOVE	LANES ON FWY.	FREEWAY VOLUME		RAMP LANES	LENGTH OF ACCELERATION DECELERATION LANE (ft)	PEAK HOUR VOLUME		DENSITY		LOS	
			AM	PM			AM	PM	AM	PM	AM	PM
Bristol St.	NB Off	5	8,495	4,475	1	0	1,600	710	34.5	25.9	F	C
-with improvements	NB Off	5	8,495	4,475	<u>2</u>	0	1,600	710	33.9	15.6	D	B
Bristol St.	SB Off	5	2,740	7,242	2	2,725	1,410	620	NOM	NOM	A	A
Jamboree Rd.	NB On	5	5,954	3,137	1	120	480	930	18.2	16.5	B	B
Jamboree Rd.	SB On	5	2,945	8,190	1	1,700	480	1,320	11.9	33.6	B	F
-with improvements	SB On	5	2,945	8,190	1	1,460	480	1,320	12.1	31.5	B	D
MacArthur Bl.	NB Off	5	5,954	3,137	2	1,480	620	190	NOM	NOM	A	A
MacArthur Bl.	NB On	5	5,954	3,137	1	340	2,740	2,350	-- ¹	-- ¹	F	F
-with improvements	NB On	5	5,954	3,137	<u>2</u>	340	2,740	2,350	33.0	26.0	D	C
MacArthur Bl.	SB Off	5	1,921	5,076	1	1,340	2,190	2,670	13.0	26.2	F ¹	F ¹
-with improvements	SB Off	5	1,921	5,076	<u>2</u>	1,340	2,190	2,670	1.4	11.3	A	B
University Dr.	NB On	5	5,954	3,137	1	200	980	850	20.0	16.1	C	B
University Dr.	SB Off	5	1,921	5,076	1	1,400	810	750	4.7	14.8	A	B
Bison Av.	NB Off	5	5,954	3,137	1	0	350	130	28.4	18.7	D	B
Bison Av.	NB On	5	5,954	3,137	1	250	160	600	15.7	13.5	B	B
Bison Av.	SB Off	5	1,921	5,076	1	0	700	260	16.6	24.6	B	C
Bison Av.	SB On	5	1,921	5,076	1	740	70	210	7.5	17.5	A	B
Bonita Canyon Dr.	NB Off	6	6,034	3,178	1	1,250	820	160	18.8	7.8	B	A
Bonita Canyon Dr.	NB On	5	5,954	3,137	1	2,440	540	320	34.4	15.2	F	B
-with improvements	NB On	5	5,954	3,137	1	1,440	540	320	32.0	17.3	D	B
Bonita Canyon Dr.	SB Off	5	1,921	5,076	1	0	290	380	14.3	25.3	B	C
Bonita Canyon Dr.	SB On	5	1,921	5,076	1	400	200	740	9.0	17.7	A	B
Newport Coast Dr.	NB Off	5	5,160	2,719	1	0	250	130	24.9	16.9	C	B
Newport Coast Dr.	NB On	5	5,160	2,719	1	1,250	570	320	27.3	14.5	C	B
Newport Coast Dr.	SB Off	6	1,946	5,144	1	0	660	950	16.5	28.8	B	D
Newport Coast Dr.	SB On	6	1,946	5,144	1	360	300	320	10.1	16.8	B	B

¹ Ramp failure due to ramp volumes over capacity.

1 = Improvement

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Mr. Elwood Tescher
EIP ASSOCIATES
March 27, 2006
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Because the needed improvements to serve Existing Plus Project traffic volumes on the freeway exceed the planned system improvements, a potentially significant impact to the freeway system may occur.

The result of the analysis is that less than half the growth in traffic and projected intersection deficiencies is directly related to growth in the City of Newport Beach; the remainder is caused by regional (surrounding area) growth. Needed improvements are reduced at $\frac{3}{4}$ of the study area intersections where deficiencies were identified for Post-2030 conditions, when regional traffic growth is removed from consideration.

Sincerely,

URBAN CROSSROADS, INC.



Marlie Whiteman, P.E.
Senior Engineer



Carleton Waters, P.E.
Principal

CW:MW:cg
JN:01232-34

xc: Ms. Patricia Temple, CITY OF NEWPORT BEACH
Mr. Richard Edmonston, CITY OF NEWPORT BEACH

Attachments

Current (2006) Existing Conditions Count Data



March 27, 2006

Mr. Elwood Tescher
EIP ASSOCIATES
12301 Wilshire Boulevard, Suite 430
Los Angeles, California 90025

Subject: Current (2006) Existing Conditions Count Data

Dear Mr. Tescher:

Current (2006) count data has been collected in order to provide additional information to supplement the analysis in the City of Newport Beach General Plan Transportation Study (Urban Crossroads, Inc., March, 2006). No consistent citywide traffic growth trend has been shown in this analysis. It would appear that area of high traffic growth correlate directly to areas where growth anticipated in the General Plan has already occurred between 2002 and 2006. The analysis of the City of Newport Beach General Plan was performed using count data collected in 2001 and 2002. Exhibit A shows the existing average daily traffic volumes included in the General Plan analysis.

Daily traffic volumes have been collected on a sampling of study area roadway segments for 2006 shoulder season conditions in March of 2006. The data collection worksheets are contained in Attachment A. The 2006 data contained in Attachment A has been compared to existing (2001/2002) data. Table 1 shows the vast majority of segments change by less than 6,000 vehicles per day (VPD). Both increases and decreases in traffic have occurred. Most of the decreases are in the vicinity of Coast Highway.

Ongoing development (Bonita Canyon) has occurred near the largest increases on Jamboree Road and MacArthur Boulevard. Additional development in Newport Coast

Mr. Elwood Tescher
EIP ASSOCIATES
March 27, 2006
Page 2

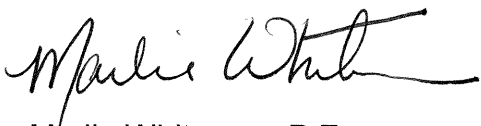
and Newport Ridge is reflected in increases on Newport Coast Drive and Coast Highway.

There is one segment for which the volume changes (increases) by more than 10,000 VPD (43%). The apparent increase is on Coast Highway east of MacArthur Boulevard. The 2002 count at this location was estimated from adjacent peak hour intersection volumes based on citywide peak to daily relationships. The new (2006) count has been reviewed for peaking and directionality characteristics and the directly comparable peak hour data suggest an increase of only 17%. Attachment B contains the analysis of characteristics for Coast Highway east of MacArthur Boulevard.


No consistent citywide traffic growth trend has been shown in this analysis. It would appear that area of high traffic growth correlate directly to areas where growth anticipated in the General Plan has already occurred between 2002 and 2006.

Sincerely,

URBAN CROSSROADS, INC.



Marlie Whiteman, P.E.
Senior Engineer



Carleton Waters, P.E.
Principal

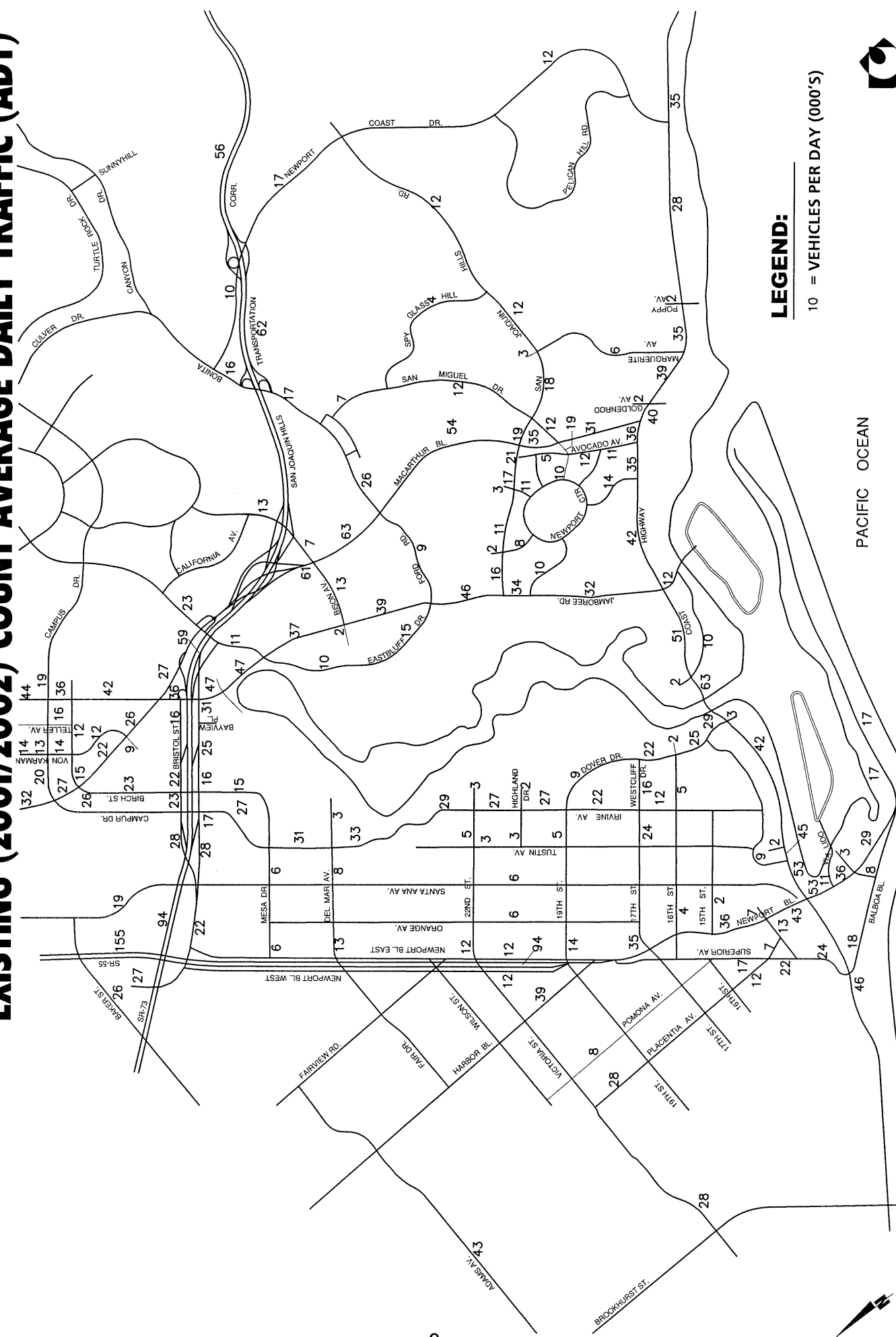
CW:MW:cg
JN:01232-33

xc: Patricia Temple, CITY OF NEWPORT BEACH
Richard Edmonston, CITY OF NEWPORT BEACH

Attachments

EXISTING (2001/2002) COUNT AVERAGE DAILY TRAFFIC (ADT)

EXHIBIT A



LEGEND:

10 = VEHICLES PER DAY (000'S)



PACIFIC OCEAN



TABLE 1

DAILY TRAFFIC VOLUME COUNT COMPARISON (2006 VERSUS 2001/2002)

ROADWAY	SEGMENT	2001/2002 VOLUME	SOURCE ¹	2006 VOLUME	DIFFERENCE	PERCENT DIFFERENCE
Superior Av.	n/o Coast Hw.	23,535	C	22,849	-686	-2.91%
Dover Dr.	n/o Coast Hw.	29,448	C	27,552	-1,896	-6.44%
Jamboree Rd.	Eastbluff Dr./Ford Rd. to San Joaquin Hills Rd.	46,302	C	50,071	3,769	8.14%
Jamboree Rd.	n/o Coast Hw.	31,264	C	32,668	1,404	4.49%
MacArthur Bl.	Ford Rd./Bonita Canyon Dr. to San Joaquin Hills Rd.	54,320	C	60,046	5,726	10.54%
Newport Coast Dr.	Bonita Canyon Dr. to SR-73 Fwy.	9,954	C	11,803	1,849	18.58%
Newport Coast Dr.	n/o Coast Hw.	12,223	C	15,976	3,753	30.70%
Newport Bl. (SR-55)	s/o Hospital Rd.	43,480	C	48,690	5,210	11.98%
MacArthur Bl.	e/o Fairchild Rd.	27,277	C	32,620	5,343	19.59%
Jamboree Rd.	n/o University Dr.	46,935	C	46,432	-503	-1.07%
Coast Hw.	Dover Dr. to Bayside Dr.	62,526	C	64,912	2,386	3.82%
San Joaquin Hills Rd.	MacArthur Bl. to San Miguel Dr.	18,901	C	21,370	2,469	13.06%
Coast Hw.	e/o MacArthur Bl.	40,000	E	57,304	17,304	43.26%
Coast Hw.	e/o Newport Coast Dr.	35,375	C	38,739	3,364	9.51%
Coast Hw.	At the Santa Ana River	46,000	E	43,488	-2,512	-5.46%
Balboa Bl.	23rd St. to 15th St.	16,940	C	20,638	3,698	21.83%
Irvine Av.	s/o 22nd St.	26,665	C	26,127	-538	-2.02%
SUBTOTAL ACTUAL COUNTS		485,145		520,493	35,348	7.29%
OVERALL TOTAL		571,145		621,285	50,140	8.78%

¹ E = Estimated; C = Actual Count

ATTACHMENT A

EXISTING (2006) CONDITIONS
AVERAGE DAILY TRAFFIC (ADT) VOLUMES

LOCATION - SUPERIOR-N/O COAST HWY

AVERAGED VOLUMES FOR - WEDNESDAY 3/8/06 TO THURSDAY 3/9/06

***** AM *****				***** PM *****			
TIME	NB	SB	TOTAL	TIME	NB	SB	TOTAL
12:00 - 12:15	34	30	64	12:00 - 12:15	158	162	320
12:15 - 12:30	13	24	37	12:15 - 12:30	164	180	344
12:30 - 12:45	26	15	41	12:30 - 12:45	158	176	334
12:45 - 1:00	23	96	119	12:45 - 1:00	176	656	832
1:00 - 1:15	13	10	23	1:00 - 1:15	180	163	343
1:15 - 1:30	8	11	19	1:15 - 1:30	172	158	330
1:30 - 1:45	18	14	32	1:30 - 1:45	194	140	334
1:45 - 2:00	6	45	51	1:45 - 2:00	168	714	882
2:00 - 2:15	8	18	26	2:00 - 2:15	186	165	351
2:15 - 2:30	4	5	9	2:15 - 2:30	176	157	333
2:30 - 2:45	6	3	9	2:30 - 2:45	156	190	346
2:45 - 3:00	8	26	34	2:45 - 3:00	218	736	954
3:00 - 3:15	7	7	14	3:00 - 3:15	172	166	338
3:15 - 3:30	5	1	6	3:15 - 3:30	186	246	432
3:30 - 3:45	5	4	9	3:30 - 3:45	194	239	433
3:45 - 4:00	2	19	21	3:45 - 4:00	192	744	936
4:00 - 4:15	7	3	10	4:00 - 4:15	174	214	388
4:15 - 4:30	11	6	17	4:15 - 4:30	164	232	396
4:30 - 4:45	8	4	12	4:30 - 4:45	140	288	428
4:45 - 5:00	15	41	56	4:45 - 5:00	160	638	798
5:00 - 5:15	18	14	32	5:00 - 5:15	136	330	466
5:15 - 5:30	17	14	31	5:15 - 5:30	142	344	486
5:30 - 5:45	34	18	52	5:30 - 5:45	130	276	406
5:45 - 6:00	61	130	191	5:45 - 6:00	172	580	752
6:00 - 6:15	60	34	94	6:00 - 6:15	158	272	430
6:15 - 6:30	97	51	148	6:15 - 6:30	156	260	416
6:30 - 6:45	166	58	224	6:30 - 6:45	141	226	367
6:45 - 7:00	174	497	671	6:45 - 7:00	124	579	703
7:00 - 7:15	218	112	330	7:00 - 7:15	110	178	288
7:15 - 7:30	243	122	365	7:15 - 7:30	106	154	260
7:30 - 7:45	272	136	408	7:30 - 7:45	100	144	244
7:45 - 8:00	375	1108	1483	7:45 - 8:00	90	406	496
8:00 - 8:15	370	149	519	8:00 - 8:15	93	153	246
8:15 - 8:30	340	117	457	8:15 - 8:30	76	108	184
8:30 - 8:45	362	133	495	8:30 - 8:45	82	94	176
8:45 - 9:00	308	1380	1688	8:45 - 9:00	94	345	439
9:00 - 9:15	300	151	451	9:00 - 9:15	75	105	180
9:15 - 9:30	236	117	353	9:15 - 9:30	92	91	183
9:30 - 9:45	221	130	351	9:30 - 9:45	69	102	171
9:45 - 10:00	196	953	1149	9:45 - 10:00	68	304	372
10:00 - 10:15	176	132	308	10:00 - 10:15	70	62	132
10:15 - 10:30	198	144	342	10:15 - 10:30	61	52	113
10:30 - 10:45	177	154	331	10:30 - 10:45	59	47	106
10:45 - 11:00	168	719	887	10:45 - 11:00	60	250	310
11:00 - 11:15	164	156	320	11:00 - 11:15	30	39	69
11:15 - 11:30	172	147	319	11:15 - 11:30	40	34	74
11:30 - 11:45	175	148	323	11:30 - 11:45	24	34	58
11:45 - 12:00	182	693	875	11:45 - 12:00	17	111	128
TOTALS	5,707	3,253	8,960		6,063	7,826	13,889
ADT'S					11,770	11,079	22,849

LOCATION - DOVER-N/D COAST HWY

AVERAGED VOLUMES FOR - TUESDAY 3/7/06 TO WEDNESDAY 3/8/06

***** AM *****				***** PM *****								
TIME	NB	SB	TOTAL	TIME	NB	SB	TOTAL					
12:00 - 12:15	10	11	21	12:00 - 12:15	283	212	495					
12:15 - 12:30	15	14	29	12:15 - 12:30	291	272	563					
12:30 - 12:45	6	4	10	12:30 - 12:45	222	276	498					
12:45 - 1:00	9	40	2	31	11	71	296	1092	271	1031	567	2123
1:00 - 1:15	8	8	16	1:00 - 1:15	244	256	500					
1:15 - 1:30	4	6	10	1:15 - 1:30	280	262	542					
1:30 - 1:45	3	3	6	1:30 - 1:45	228	226	454					
1:45 - 2:00	11	26	5	22	16	48	252	1004	220	964	472	1968
2:00 - 2:15	10	2	12	2:00 - 2:15	242	223	465					
2:15 - 2:30	3	5	8	2:15 - 2:30	292	235	527					
2:30 - 2:45	4	2	6	2:30 - 2:45	252	260	512					
2:45 - 3:00	0	17	0	9	0	26	368	1154	269	987	637	2141
3:00 - 3:15	2	0	2	3:00 - 3:15	298	252	550					
3:15 - 3:30	2	3	5	3:15 - 3:30	311	260	571					
3:30 - 3:45	2	6	8	3:30 - 3:45	289	266	555					
3:45 - 4:00	2	8	9	18	11	26	296	1194	253	1031	549	2225
4:00 - 4:15	5	5	10	4:00 - 4:15	294	246	540					
4:15 - 4:30	4	5	9	4:15 - 4:30	309	224	533					
4:30 - 4:45	4	10	14	4:30 - 4:45	318	228	546					
4:45 - 5:00	14	27	18	38	32	65	262	1183	242	940	504	2123
5:00 - 5:15	14	9	23	5:00 - 5:15	302	281	583					
5:15 - 5:30	12	19	31	5:15 - 5:30	328	243	571					
5:30 - 5:45	21	26	47	5:30 - 5:45	319	240	559					
5:45 - 6:00	34	81	26	80	60	161	302	1251	248	1012	550	2263
6:00 - 6:15	44	51	95	6:00 - 6:15	298	243	541					
6:15 - 6:30	43	74	117	6:15 - 6:30	261	218	479					
6:30 - 6:45	54	96	150	6:30 - 6:45	230	202	432					
6:45 - 7:00	76	217	124	345	200	562	197	986	170	833	367	1819
7:00 - 7:15	92	162	254	7:00 - 7:15	196	161	357					
7:15 - 7:30	144	186	330	7:15 - 7:30	140	156	296					
7:30 - 7:45	172	319	491	7:30 - 7:45	120	142	262					
7:45 - 8:00	214	622	400	1067	614	1689	145	601	116	575	261	1176
8:00 - 8:15	239	261	500	8:00 - 8:15	112	110	222					
8:15 - 8:30	187	266	453	8:15 - 8:30	134	105	239					
8:30 - 8:45	166	256	422	8:30 - 8:45	111	78	189					
8:45 - 9:00	202	794	254	1037	456	1831	108	465	86	379	194	844
9:00 - 9:15	227	213	440	9:00 - 9:15	110	84	194					
9:15 - 9:30	220	198	418	9:15 - 9:30	113	79	192					
9:30 - 9:45	224	188	412	9:30 - 9:45	87	51	138					
9:45 - 10:00	219	890	231	830	450	1720	88	398	46	260	134	658
10:00 - 10:15	217	210	427	10:00 - 10:15	62	52	114					
10:15 - 10:30	212	190	402	10:15 - 10:30	66	24	90					
10:30 - 10:45	197	225	422	10:30 - 10:45	46	24	70					
10:45 - 11:00	244	870	230	855	474	1725	50	224	25	125	75	349
11:00 - 11:15	209	192	401	11:00 - 11:15	46	25	71					
11:15 - 11:30	218	210	428	11:15 - 11:30	28	24	52					
11:30 - 11:45	225	188	413	11:30 - 11:45	26	11	37					
11:45 - 12:00	246	898	250	840	496	1738	28	128	13	73	41	201
*****				*****								
TOTALS	4,490	5,172	9,662	9,680	8,210	17,890						
ADT'S				14,170	13,382	27,552						

LOCATION - JAMBOREE-BTN EASTBLUFF/FORD/SAN JOAQUIN HILLS AVERAGED VOLUMES FOR - TUESDAY 3/7/06 TO WEDNESDAY 3/8/06

***** AM *****				***** PM *****			
TIME	NB	SB	TOTAL	TIME	NB	SB	TOTAL
12:00 - 12:15	33	32	65	12:00 - 12:15	401	428	829
12:15 - 12:30	28	14	42	12:15 - 12:30	395	458	853
12:30 - 12:45	36	29	65	12:30 - 12:45	386	456	842
12:45 - 1:00	18 115	11 86	29 201	12:45 - 1:00	438 1620	446 1788	884 3408
1:00 - 1:15	14	15	29	1:00 - 1:15	404	392	796
1:15 - 1:30	7	8	15	1:15 - 1:30	436	407	843
1:30 - 1:45	17	9	26	1:30 - 1:45	417	354	771
1:45 - 2:00	15 53	13 45	28 98	1:45 - 2:00	458 1715	398 1551	856 3266
2:00 - 2:15	12	11	23	2:00 - 2:15	436	469	905
2:15 - 2:30	11	11	22	2:15 - 2:30	468	402	870
2:30 - 2:45	13	9	22	2:30 - 2:45	491	367	858
2:45 - 3:00	1 37	5 36	6 73	2:45 - 3:00	462 1857	412 1650	874 3507
3:00 - 3:15	7	8	15	3:00 - 3:15	524	369	893
3:15 - 3:30	2	10	12	3:15 - 3:30	464	474	938
3:30 - 3:45	8	8	16	3:30 - 3:45	458	490	948
3:45 - 4:00	8 25	12 38	20 63	3:45 - 4:00	441 1887	440 1773	881 3660
4:00 - 4:15	17	6	23	4:00 - 4:15	517	376	893
4:15 - 4:30	9	18	27	4:15 - 4:30	526	426	952
4:30 - 4:45	12	24	36	4:30 - 4:45	448	387	835
4:45 - 5:00	28 66	46 94	74 160	4:45 - 5:00	488 1979	448 1637	936 3616
5:00 - 5:15	32	55	87	5:00 - 5:15	527	415	942
5:15 - 5:30	36	68	104	5:15 - 5:30	598	561	1159
5:30 - 5:45	54	126	180	5:30 - 5:45	494	556	1050
5:45 - 6:00	92 214	213 462	305 676	5:45 - 6:00	512 2131	651 2183	1163 4314
6:00 - 6:15	98	165	263	6:00 - 6:15	481	522	1003
6:15 - 6:30	120	174	294	6:15 - 6:30	473	570	1043
6:30 - 6:45	159	207	366	6:30 - 6:45	365	484	849
6:45 - 7:00	252 629	334 880	586 1509	6:45 - 7:00	345 1664	363 1939	708 3603
7:00 - 7:15	310	346	656	7:00 - 7:15	300	334	634
7:15 - 7:30	416	358	774	7:15 - 7:30	271	284	555
7:30 - 7:45	587	416	1003	7:30 - 7:45	250	256	506
7:45 - 8:00	546 1859	544 1664	1090 3523	7:45 - 8:00	230 1051	236 1110	466 2161
8:00 - 8:15	395	470	865	8:00 - 8:15	239	208	447
8:15 - 8:30	462	448	910	8:15 - 8:30	202	188	390
8:30 - 8:45	464	422	886	8:30 - 8:45	184	198	382
8:45 - 9:00	424 1745	458 1798	882 3543	8:45 - 9:00	156 781	190 784	346 1565
9:00 - 9:15	348	448	796	9:00 - 9:15	260	168	428
9:15 - 9:30	314	421	735	9:15 - 9:30	206	182	388
9:30 - 9:45	325	331	656	9:30 - 9:45	172	138	310
9:45 - 10:00	367 1354	398 1598	765 2952	9:45 - 10:00	128 766	142 630	270 1396
10:00 - 10:15	263	342	605	10:00 - 10:15	124	104	228
10:15 - 10:30	296	340	636	10:15 - 10:30	116	110	226
10:30 - 10:45	311	332	643	10:30 - 10:45	94	74	168
10:45 - 11:00	312 1182	361 1375	673 2557	10:45 - 11:00	98 432	82 370	180 802
11:00 - 11:15	348	352	700	11:00 - 11:15	80	65	145
11:15 - 11:30	340	373	713	11:15 - 11:30	81	63	144
11:30 - 11:45	324	402	726	11:30 - 11:45	43	41	84
11:45 - 12:00	423 1435	398 1525	821 2960	11:45 - 12:00	49 253	36 205	85 458
*****				*****			
TOTALS	8,714	9,601	18,315		16,136	15,620	31,756
ADT'S					24,850	25,221	50,071
*****				*****			

LOCATION - JAMBOREE-N/O COAST HWY

AVERAGED VOLUMES FOR - TUESDAY 3/7/06 TO WEDNESDAY 3/8/06

***** AM *****				***** PM *****			
TIME	NB	SB	TOTAL	TIME	NB	SB	TOTAL
12:00 - 12:15	18	18	36	12:00 - 12:15	211	304	515
12:15 - 12:30	12	9	21	12:15 - 12:30	256	327	583
12:30 - 12:45	18	22	40	12:30 - 12:45	252	266	518
12:45 - 1:00	5 53	8 57	13 110	12:45 - 1:00	254 973	285 1182	539 2155
1:00 - 1:15	9	14	23	1:00 - 1:15	220	290	510
1:15 - 1:30	13	3	16	1:15 - 1:30	226	246	472
1:30 - 1:45	5	3	8	1:30 - 1:45	231	247	478
1:45 - 2:00	10 37	7 27	17 64	1:45 - 2:00	222 899	308 1091	530 1990
2:00 - 2:15	7	5	12	2:00 - 2:15	245	304	549
2:15 - 2:30	10	4	14	2:15 - 2:30	234	290	524
2:30 - 2:45	8	4	12	2:30 - 2:45	272	266	538
2:45 - 3:00	0 25	1 14	1 39	2:45 - 3:00	272 1023	325 1185	597 2208
3:00 - 3:15	2	5	7	3:00 - 3:15	284	316	600
3:15 - 3:30	3	3	6	3:15 - 3:30	266	354	620
3:30 - 3:45	7	5	12	3:30 - 3:45	274	374	648
3:45 - 4:00	5 17	4 17	9 34	3:45 - 4:00	250 1074	372 1416	622 2490
4:00 - 4:15	3	3	6	4:00 - 4:15	264	308	572
4:15 - 4:30	3	4	7	4:15 - 4:30	255	394	649
4:30 - 4:45	10	8	18	4:30 - 4:45	226	376	602
4:45 - 5:00	22 38	8 23	30 61	4:45 - 5:00	261 1006	326 1404	587 2410
5:00 - 5:15	12	10	22	5:00 - 5:15	292	431	723
5:15 - 5:30	21	20	41	5:15 - 5:30	293	460	753
5:30 - 5:45	34	30	64	5:30 - 5:45	262	433	695
5:45 - 6:00	68 135	52 112	120 247	5:45 - 6:00	271 1118	514 1838	785 2956
6:00 - 6:15	72	56	128	6:00 - 6:15	234	459	693
6:15 - 6:30	92	73	165	6:15 - 6:30	228	431	659
6:30 - 6:45	136	88	224	6:30 - 6:45	203	376	579
6:45 - 7:00	177 477	142 359	319 836	6:45 - 7:00	208 873	343 1609	551 2482
7:00 - 7:15	254	158	412	7:00 - 7:15	182	292	474
7:15 - 7:30	322	186	508	7:15 - 7:30	158	219	377
7:30 - 7:45	458	172	630	7:30 - 7:45	138	184	322
7:45 - 8:00	388 1422	262 778	650 2200	7:45 - 8:00	135 613	200 895	335 1508
8:00 - 8:15	364	254	618	8:00 - 8:15	129	155	284
8:15 - 8:30	396	204	600	8:15 - 8:30	120	160	280
8:30 - 8:45	391	220	611	8:30 - 8:45	119	137	256
8:45 - 9:00	307 1458	264 942	571 2400	8:45 - 9:00	94 462	142 594	236 1056
9:00 - 9:15	298	257	555	9:00 - 9:15	139	118	257
9:15 - 9:30	245	256	501	9:15 - 9:30	118	140	258
9:30 - 9:45	234	224	458	9:30 - 9:45	105	119	224
9:45 - 10:00	264 1041	236 973	500 2014	9:45 - 10:00	84 446	104 481	188 927
10:00 - 10:15	193	232	425	10:00 - 10:15	80	68	148
10:15 - 10:30	204	250	454	10:15 - 10:30	62	92	154
10:30 - 10:45	222	215	437	10:30 - 10:45	46	62	108
10:45 - 11:00	240 859	254 951	494 1810	10:45 - 11:00	34 222	57 279	91 501
11:00 - 11:15	225	214	439	11:00 - 11:15	30	51	81
11:15 - 11:30	226	234	460	11:15 - 11:30	32	33	65
11:30 - 11:45	208	290	498	11:30 - 11:45	20	30	50
11:45 - 12:00	244 903	299 1037	543 1940	11:45 - 12:00	12 94	22 136	34 230
TOTALS	6,465	5,290	11,755		8,803	12,110	20,913
ADT'S					15,268	17,400	32,668

LOCATION - MACARTHUR-BTN FORD/BONITA CYN/SAN JOAQUIN

AVERAGED VOLUMES FOR - TUESDAY 3/7/06 TO WEDNESDAY 3/8/06

***** AM *****				***** PM *****									
TIME	NB	SB	TOTAL	TIME	NB	SB	TOTAL						
12:00 - 12:15	24	35	59	12:00 - 12:15	514	473	987						
12:15 - 12:30	28	30	58	12:15 - 12:30	444	498	942						
12:30 - 12:45	33	22	55	12:30 - 12:45	518	538	1056						
12:45 - 1:00	24	109	21	108	45	217	498	1974	540	2049	1038	4023	
1:00 - 1:15	14	14	28	1:00 - 1:15	486	506	992						
1:15 - 1:30	13	17	30	1:15 - 1:30	504	472	976						
1:30 - 1:45	14	18	32	1:30 - 1:45	476	503	979						
1:45 - 2:00	21	62	17	66	38	128	494	1960	468	1949	962	3909	
2:00 - 2:15	20	14	34	2:00 - 2:15	478	464	942						
2:15 - 2:30	21	8	29	2:15 - 2:30	524	462	986						
2:30 - 2:45	10	12	22	2:30 - 2:45	544	445	989						
2:45 - 3:00	10	61	12	46	22	107	546	2092	500	1871	1046	3963	
3:00 - 3:15	10	12	22	3:00 - 3:15	550	468	1018						
3:15 - 3:30	10	8	18	3:15 - 3:30	624	468	1092						
3:30 - 3:45	8	10	18	3:30 - 3:45	540	498	1038						
3:45 - 4:00	18	46	14	44	32	90	617	2331	512	1946	1129	4277	
4:00 - 4:15	14	16	30	4:00 - 4:15	591	461	1052						
4:15 - 4:30	12	15	27	4:15 - 4:30	577	516	1093						
4:30 - 4:45	8	22	30	4:30 - 4:45	554	459	1013						
4:45 - 5:00	22	56	60	113	82	169	552	2274	530	1966	1082	4240	
5:00 - 5:15	28	66	94	5:00 - 5:15	598	524	1122						
5:15 - 5:30	64	64	128	5:15 - 5:30	637	584	1221						
5:30 - 5:45	78	80	158	5:30 - 5:45	554	604	1158						
5:45 - 6:00	96	266	176	386	272	652	608	2397	605	2317	1213	4714	
6:00 - 6:15	122	162	284	6:00 - 6:15	526	576	1102						
6:15 - 6:30	166	260	426	6:15 - 6:30	490	526	1016						
6:30 - 6:45	214	350	564	6:30 - 6:45	464	545	1009						
6:45 - 7:00	257	759	414	1186	671	1945	406	1886	428	2075	834	3961	
7:00 - 7:15	288	458	746	7:00 - 7:15	337	442	779						
7:15 - 7:30	368	456	824	7:15 - 7:30	390	354	744						
7:30 - 7:45	514	536	1050	7:30 - 7:45	298	296	594						
7:45 - 8:00	560	1730	676	2126	1236	3856	302	1327	268	1360	570	2687	
8:00 - 8:15	550	683	1233	8:00 - 8:15	234	245	479						
8:15 - 8:30	627	654	1281	8:15 - 8:30	288	214	502						
8:30 - 8:45	564	644	1208	8:30 - 8:45	211	201	412						
8:45 - 9:00	500	2241	664	2645	1164	4886	261	994	192	852	453	1846	
9:00 - 9:15	528	605	1133	9:00 - 9:15	278	179	457						
9:15 - 9:30	470	500	970	9:15 - 9:30	264	184	448						
9:30 - 9:45	400	526	926	9:30 - 9:45	214	178	392						
9:45 - 10:00	415	1813	506	2137	921	3950	183	939	128	669	311	1608	
10:00 - 10:15	408	516	924	10:00 - 10:15	192	141	333						
10:15 - 10:30	406	422	828	10:15 - 10:30	136	139	275						
10:30 - 10:45	408	473	881	10:30 - 10:45	136	113	249						
10:45 - 11:00	434	1656	486	1897	920	3553	128	592	70	463	198	1055	
11:00 - 11:15	444	482	926	11:00 - 11:15	99	56	155						
11:15 - 11:30	414	436	850	11:15 - 11:30	94	54	148						
11:30 - 11:45	437	484	921	11:30 - 11:45	68	57	125						
11:45 - 12:00	472	1767	538	1940	1010	3707	47	308	28	195	75	503	
TOTALS	10,566	12,694	23,260	19,074	17,712	36,786							
ADT'S				29,640	30,406	60,046							

LOCATION - NEWPORT COAST-8TN BONITA CYN/SR-73

VOLUMES FOR - WEDNESDAY 3/8/06

***** AM *****				***** PM *****				
TIME	NB	SB	TOTAL	TIME	NB	SB	TOTAL	
12:00 - 12:15	7	6	13	12:00 - 12:15	98	68	166	
12:15 - 12:30	9	6	15	12:15 - 12:30	73	75	148	
12:30 - 12:45	6	8	14	12:30 - 12:45	96	96	192	
12:45 - 1:00	4	26	9	12:45 - 1:00	80	347	162	668
1:00 - 1:15	1	6	7	1:00 - 1:15	101	76	177	
1:15 - 1:30	2	6	8	1:15 - 1:30	84	79	163	
1:30 - 1:45	1	1	2	1:30 - 1:45	73	74	147	
1:45 - 2:00	2	6	3	1:45 - 2:00	106	364	182	669
2:00 - 2:15	3	3	6	2:00 - 2:15	86	78	164	
2:15 - 2:30	3	4	7	2:15 - 2:30	108	80	188	
2:30 - 2:45	5	3	8	2:30 - 2:45	86	83	169	
2:45 - 3:00	2	13	5	2:45 - 3:00	100	380	189	710
3:00 - 3:15	1	1	2	3:00 - 3:15	114	86	200	
3:15 - 3:30	0	0	0	3:15 - 3:30	128	94	222	
3:30 - 3:45	3	1	4	3:30 - 3:45	144	86	230	
3:45 - 4:00	1	5	2	3:45 - 4:00	143	529	231	883
4:00 - 4:15	0	1	1	4:00 - 4:15	122	76	198	
4:15 - 4:30	3	1	4	4:15 - 4:30	129	90	219	
4:30 - 4:45	3	3	6	4:30 - 4:45	93	96	189	
4:45 - 5:00	6	12	11	4:45 - 5:00	107	451	195	801
5:00 - 5:15	4	3	7	5:00 - 5:15	106	110	216	
5:15 - 5:30	15	8	23	5:15 - 5:30	136	116	252	
5:30 - 5:45	22	10	32	5:30 - 5:45	102	140	242	
5:45 - 6:00	28	69	42	5:45 - 6:00	115	459	255	965
6:00 - 6:15	34	17	51	6:00 - 6:15	100	152	252	
6:15 - 6:30	45	32	77	6:15 - 6:30	82	120	202	
6:30 - 6:45	47	56	103	6:30 - 6:45	80	128	208	
6:45 - 7:00	57	183	135	6:45 - 7:00	80	342	186	848
7:00 - 7:15	78	86	164	7:00 - 7:15	67	114	181	
7:15 - 7:30	123	84	207	7:15 - 7:30	65	90	155	
7:30 - 7:45	140	96	236	7:30 - 7:45	57	74	131	
7:45 - 8:00	186	527	262	7:45 - 8:00	53	242	134	601
8:00 - 8:15	150	106	256	8:00 - 8:15	37	65	102	
8:15 - 8:30	166	76	242	8:15 - 8:30	42	84	126	
8:30 - 8:45	142	62	204	8:30 - 8:45	37	58	95	
8:45 - 9:00	150	608	232	8:45 - 9:00	38	154	108	431
9:00 - 9:15	158	80	238	9:00 - 9:15	42	54	96	
9:15 - 9:30	102	90	192	9:15 - 9:30	62	62	124	
9:30 - 9:45	113	77	190	9:30 - 9:45	31	59	90	
9:45 - 10:00	111	484	203	9:45 - 10:00	20	155	66	376
10:00 - 10:15	68	64	132	10:00 - 10:15	29	54	83	
10:15 - 10:30	104	68	172	10:15 - 10:30	31	35	66	
10:30 - 10:45	104	44	148	10:30 - 10:45	30	40	70	
10:45 - 11:00	89	365	145	10:45 - 11:00	25	115	53	272
11:00 - 11:15	84	64	148	11:00 - 11:15	19	22	41	
11:15 - 11:30	92	57	149	11:15 - 11:30	14	16	30	
11:30 - 11:45	91	66	157	11:30 - 11:45	13	19	32	
11:45 - 12:00	112	379	187	11:45 - 12:00	5	51	15	118
*****				*****				
TOTALS	2,677	1,784	4,461		3,589	3,753	7,342	
ADT'S					6,266	5,537	11,803	

LOCATION - NEWPORT COAST-N/O COAST HWY

VOLUMES FOR - WEDNESDAY 3/8/06

***** AM *****				***** PM *****			
TIME	NB	SB	TOTAL	TIME	NB	SB	TOTAL
12:00 - 12:15	9	9	18	12:00 - 12:15	126	112	238
12:15 - 12:30	5	8	13	12:15 - 12:30	128	120	248
12:30 - 12:45	6	8	14	12:30 - 12:45	124	110	234
12:45 - 1:00	1 21	3 28	4 49	12:45 - 1:00	124 502	106 448	230 950
1:00 - 1:15	6	2	8	1:00 - 1:15	162	146	308
1:15 - 1:30	0	4	4	1:15 - 1:30	134	110	244
1:30 - 1:45	3	3	6	1:30 - 1:45	156	93	249
1:45 - 2:00	3 12	2 11	5 23	1:45 - 2:00	148 600	127 476	275 1076
2:00 - 2:15	4	3	7	2:00 - 2:15	144	116	260
2:15 - 2:30	3	0	3	2:15 - 2:30	156	102	258
2:30 - 2:45	2	2	4	2:30 - 2:45	154	128	282
2:45 - 3:00	3 12	0 5	3 17	2:45 - 3:00	158 612	124 470	282 1082
3:00 - 3:15	1	2	3	3:00 - 3:15	160	130	290
3:15 - 3:30	1	0	1	3:15 - 3:30	174	158	332
3:30 - 3:45	2	0	2	3:30 - 3:45	172	154	326
3:45 - 4:00	0 4	0 2	0 6	3:45 - 4:00	180 686	180 622	360 1308
4:00 - 4:15	4	4	8	4:00 - 4:15	167	144	311
4:15 - 4:30	1	0	1	4:15 - 4:30	152	154	306
4:30 - 4:45	4	5	9	4:30 - 4:45	144	164	308
4:45 - 5:00	4 13	5 14	9 27	4:45 - 5:00	150 613	156 618	306 1231
5:00 - 5:15	7	7	14	5:00 - 5:15	156	172	328
5:15 - 5:30	17	9	26	5:15 - 5:30	150	182	332
5:30 - 5:45	16	15	31	5:30 - 5:45	134	206	340
5:45 - 6:00	38 78	12 43	50 121	5:45 - 6:00	128 568	184 744	312 1312
6:00 - 6:15	32	18	50	6:00 - 6:15	104	224	328
6:15 - 6:30	59	14	73	6:15 - 6:30	122	170	292
6:30 - 6:45	77	38	115	6:30 - 6:45	122	150	272
6:45 - 7:00	105 273	60 130	165 403	6:45 - 7:00	98 446	157 701	255 1147
7:00 - 7:15	126	72	198	7:00 - 7:15	96	128	224
7:15 - 7:30	146	96	242	7:15 - 7:30	76	94	170
7:30 - 7:45	214	72	286	7:30 - 7:45	69	101	170
7:45 - 8:00	220 706	108 348	328 1054	7:45 - 8:00	74 315	77 400	151 715
8:00 - 8:15	208	97	305	8:00 - 8:15	72	87	159
8:15 - 8:30	186	106	292	8:15 - 8:30	62	70	132
8:30 - 8:45	205	90	295	8:30 - 8:45	50	67	117
8:45 - 9:00	216 815	98 391	314 1206	8:45 - 9:00	58 242	57 281	115 523
9:00 - 9:15	149	106	255	9:00 - 9:15	48	52	100
9:15 - 9:30	143	104	247	9:15 - 9:30	56	56	112
9:30 - 9:45	116	94	210	9:30 - 9:45	44	41	85
9:45 - 10:00	116 524	104 408	220 932	9:45 - 10:00	42 190	54 203	96 393
10:00 - 10:15	122	113	235	10:00 - 10:15	50	43	93
10:15 - 10:30	102	104	206	10:15 - 10:30	29	33	62
10:30 - 10:45	148	96	244	10:30 - 10:45	29	40	69
10:45 - 11:00	138 510	119 432	257 942	10:45 - 11:00	38 146	30 146	68 292
11:00 - 11:15	140	92	232	11:00 - 11:15	24	19	43
11:15 - 11:30	144	116	260	11:15 - 11:30	20	13	33
11:30 - 11:45	156	126	282	11:30 - 11:45	20	20	40
11:45 - 12:00	142 582	110 444	252 1026	11:45 - 12:00	14 78	11 63	25 141

TOTALS	3,550	2,256	5,806		4,998	5,172	10,170
ADT'S					8,548	7,428	15,976

LOCATION - NEWPORT (SR-55)-S/O HOSPITAL RD

AVERAGED VOLUMES FOR - WEDNESDAY 3/8/06 TO THURSDAY 3/9/06

***** AM *****				***** PM *****			
TIME	NB	SB	TOTAL	TIME	NB	SB	TOTAL
12:00 - 12:15	74	41	115	12:00 - 12:15	416	412	828
12:15 - 12:30	40	45	85	12:15 - 12:30	416	432	848
12:30 - 12:45	38	37	75	12:30 - 12:45	403	426	829
12:45 - 1:00	53 205	44 167	97 372	12:45 - 1:00	432 1667	414 1684	846 3351
1:00 - 1:15	43	31	74	1:00 - 1:15	458	432	890
1:15 - 1:30	32	20	52	1:15 - 1:30	453	419	872
1:30 - 1:45	42	28	70	1:30 - 1:45	440	386	826
1:45 - 2:00	22 139	16 95	38 234	1:45 - 2:00	396 1747	392 1629	788 3376
2:00 - 2:15	24	19	43	2:00 - 2:15	410	384	794
2:15 - 2:30	28	14	42	2:15 - 2:30	404	410	814
2:30 - 2:45	17	16	33	2:30 - 2:45	388	406	794
2:45 - 3:00	10 79	14 63	24 142	2:45 - 3:00	400 1602	358 1558	758 3160
3:00 - 3:15	8	12	20	3:00 - 3:15	395	401	796
3:15 - 3:30	8	12	20	3:15 - 3:30	413	437	850
3:30 - 3:45	16	9	25	3:30 - 3:45	410	419	829
3:45 - 4:00	9 41	19 52	28 93	3:45 - 4:00	436 1654	420 1677	856 3331
4:00 - 4:15	16	24	40	4:00 - 4:15	396	386	782
4:15 - 4:30	20	17	37	4:15 - 4:30	386	406	792
4:30 - 4:45	22	18	40	4:30 - 4:45	369	482	851
4:45 - 5:00	21 79	28 87	49 166	4:45 - 5:00	358 1509	486 1760	844 3269
5:00 - 5:15	42	42	84	5:00 - 5:15	372	501	873
5:15 - 5:30	53	46	99	5:15 - 5:30	341	498	839
5:30 - 5:45	96	68	164	5:30 - 5:45	334	425	759
5:45 - 6:00	92 283	118 274	210 557	5:45 - 6:00	347 1394	468 1892	815 3286
6:00 - 6:15	130	138	268	6:00 - 6:15	353	466	819
6:15 - 6:30	150	145	295	6:15 - 6:30	328	487	815
6:30 - 6:45	192	175	367	6:30 - 6:45	302	480	782
6:45 - 7:00	306 778	278 736	584 1514	6:45 - 7:00	285 1268	456 1889	741 3157
7:00 - 7:15	328	256	584	7:00 - 7:15	296	424	720
7:15 - 7:30	410	280	690	7:15 - 7:30	242	394	636
7:30 - 7:45	500	256	756	7:30 - 7:45	268	346	614
7:45 - 8:00	472 1710	310 1102	782 2812	7:45 - 8:00	263 1069	350 1514	613 2583
8:00 - 8:15	456	329	785	8:00 - 8:15	248	290	538
8:15 - 8:30	472	324	796	8:15 - 8:30	246	262	508
8:30 - 8:45	398	320	718	8:30 - 8:45	221	268	489
8:45 - 9:00	416 1742	318 1291	734 3033	8:45 - 9:00	218 933	250 1070	468 2003
9:00 - 9:15	388	369	757	9:00 - 9:15	224	224	448
9:15 - 9:30	415	370	785	9:15 - 9:30	222	242	464
9:30 - 9:45	364	354	718	9:30 - 9:45	236	224	460
9:45 - 10:00	388 1555	379 1472	767 3027	9:45 - 10:00	214 896	190 880	404 1776
10:00 - 10:15	384	348	732	10:00 - 10:15	195	156	351
10:15 - 10:30	369	302	671	10:15 - 10:30	144	156	300
10:30 - 10:45	120	232	352	10:30 - 10:45	141	133	274
10:45 - 11:00	368 1241	342 1224	710 2465	10:45 - 11:00	136 616	122 567	258 1183
11:00 - 11:15	374	372	746	11:00 - 11:15	106	104	210
11:15 - 11:30	336	398	734	11:15 - 11:30	95	61	156
11:30 - 11:45	406	410	816	11:30 - 11:45	86	72	158
11:45 - 12:00	416 1532	428 1608	844 3140	11:45 - 12:00	70 357	66 303	136 660

TOTALS	9,384	8,171	17,555		14,712	16,423	31,135

ADT'S					24,096	24,594	48,690

LOCATION - MACARTHUR-E/O FAIRCHILD

AVERAGED VOLUMES FOR - TUESDAY 3/7/06 TO WEDNESDAY 3/8/06

***** AM *****						***** PM *****						
TIME	EB	WB	TOTAL		TIME	EB	WB	TOTAL				
12:00 - 12:15	17	8	25		12:00 - 12:15	284	256	540				
12:15 - 12:30	12	4	16		12:15 - 12:30	270	232	502				
12:30 - 12:45	7	10	17		12:30 - 12:45	264	266	530				
12:45 - 1:00	7	43	10	32	17	75	266	1084	302	1056	568	2140
1:00 - 1:15	5	3	8		1:00 - 1:15	218	317	535				
1:15 - 1:30	9	4	13		1:15 - 1:30	262	288	550				
1:30 - 1:45	6	1	7		1:30 - 1:45	224	255	479				
1:45 - 2:00	4	24	3	11	7	35	215	919	234	1094	449	2013
2:00 - 2:15	4	5	9		2:00 - 2:15	238	268	506				
2:15 - 2:30	3	3	6		2:15 - 2:30	246	245	491				
2:30 - 2:45	3	1	4		2:30 - 2:45	222	240	462				
2:45 - 3:00	2	12	1	10	3	22	244	950	230	983	474	1933
3:00 - 3:15	2	2	4		3:00 - 3:15	224	240	464				
3:15 - 3:30	1	2	3		3:15 - 3:30	230	247	477				
3:30 - 3:45	4	1	5		3:30 - 3:45	254	230	484				
3:45 - 4:00	1	8	3	8	4	16	281	989	258	975	539	1964
4:00 - 4:15	5	3	8		4:00 - 4:15	298	246	544				
4:15 - 4:30	3	5	8		4:15 - 4:30	343	206	549				
4:30 - 4:45	4	12	16		4:30 - 4:45	386	224	610				
4:45 - 5:00	11	23	12	32	23	55	416	1443	208	884	624	2327
5:00 - 5:15	12	15	27		5:00 - 5:15	532	216	748				
5:15 - 5:30	20	43	63		5:15 - 5:30	670	288	958				
5:30 - 5:45	22	74	96		5:30 - 5:45	665	188	853				
5:45 - 6:00	35	89	96	228	131	317	592	2459	236	928	828	3387
6:00 - 6:15	28	96	124		6:00 - 6:15	513	199	712				
6:15 - 6:30	56	136	192		6:15 - 6:30	502	192	694				
6:30 - 6:45	86	140	226		6:30 - 6:45	437	177	614				
6:45 - 7:00	75	245	226	598	301	843	339	1791	150	718	489	2509
7:00 - 7:15	96	314	410		7:00 - 7:15	249	122	371				
7:15 - 7:30	118	418	536		7:15 - 7:30	278	136	414				
7:30 - 7:45	116	475	591		7:30 - 7:45	182	108	290				
7:45 - 8:00	143	473	727	1934	870	2407	184	893	92	458	276	1351
8:00 - 8:15	116	687	803		8:00 - 8:15	168	92	260				
8:15 - 8:30	180	740	920		8:15 - 8:30	144	108	252				
8:30 - 8:45	163	723	886		8:30 - 8:45	134	66	200				
8:45 - 9:00	162	621	658	2808	820	3429	121	567	78	344	199	911
9:00 - 9:15	167	578	745		9:00 - 9:15	82	88	170				
9:15 - 9:30	149	424	573		9:15 - 9:30	102	72	174				
9:30 - 9:45	172	348	520		9:30 - 9:45	77	65	142				
9:45 - 10:00	178	666	272	1622	450	2288	65	326	55	280	120	606
10:00 - 10:15	166	270	436		10:00 - 10:15	64	48	112				
10:15 - 10:30	159	228	387		10:15 - 10:30	52	38	90				
10:30 - 10:45	165	218	383		10:30 - 10:45	45	30	75				
10:45 - 11:00	192	682	226	942	418	1624	30	191	37	153	67	344
11:00 - 11:15	191	228	419		11:00 - 11:15	25	18	43				
11:15 - 11:30	224	239	463		11:15 - 11:30	17	20	37				
11:30 - 11:45	258	216	474		11:30 - 11:45	12	12	24				
11:45 - 12:00	294	967	244	927	538	1894	16	70	10	60	26	130
*****						*****						
TOTALS	3,853	9,152	13,005		11,682	7,933	19,615					
ADT'S					15,535	17,085	32,620					
*****						*****						

TRAFFIC DATA SERVICES, INC.

LOCATION CODE 03607.C06

LOCATION - JAMBOREE-N/O UNIVERSITY

VOLUMES FOR - TUESDAY 3/21/06

***** AM *****				***** PM *****			
TIME	NB	SB	TOTAL	TIME	NB	SB	TOTAL
12:00 - 12:15	33	37	70	12:00 - 12:15	420	363	783
12:15 - 12:30	21	29	50	12:15 - 12:30	406	408	814
12:30 - 12:45	12	19	31	12:30 - 12:45	326	384	710
12:45 - 1:00	17 83	16 101	33 184	12:45 - 1:00	410 1562	435 1590	845 3152
1:00 - 1:15	13	18	31	1:00 - 1:15	423	356	779
1:15 - 1:30	6	11	17	1:15 - 1:30	408	356	764
1:30 - 1:45	8	8	16	1:30 - 1:45	422	352	774
1:45 - 2:00	11 38	8 45	19 83	1:45 - 2:00	421 1674	342 1406	763 3080
2:00 - 2:15	11	8	19	2:00 - 2:15	413	374	787
2:15 - 2:30	12	5	17	2:15 - 2:30	406	354	760
2:30 - 2:45	15	8	23	2:30 - 2:45	462	370	832
2:45 - 3:00	8 46	6 27	14 73	2:45 - 3:00	343 1624	421 1519	764 3143
3:00 - 3:15	4	6	10	3:00 - 3:15	440	349	789
3:15 - 3:30	4	12	16	3:15 - 3:30	450	380	830
3:30 - 3:45	4	6	10	3:30 - 3:45	462	380	842
3:45 - 4:00	12 24	6 30	18 54	3:45 - 4:00	395 1747	372 1481	767 3228
4:00 - 4:15	7	9	16	4:00 - 4:15	482	413	895
4:15 - 4:30	13	20	33	4:15 - 4:30	410	394	804
4:30 - 4:45	18	29	47	4:30 - 4:45	439	448	887
4:45 - 5:00	22 60	45 103	67 163	4:45 - 5:00	384 1715	459 1714	843 3429
5:00 - 5:15	38	61	99	5:00 - 5:15	467	510	977
5:15 - 5:30	50	50	100	5:15 - 5:30	402	504	906
5:30 - 5:45	88	109	197	5:30 - 5:45	424	589	1013
5:45 - 6:00	98 274	162 382	260 656	5:45 - 6:00	374 1667	536 2139	910 3806
6:00 - 6:15	104	127	231	6:00 - 6:15	424	470	894
6:15 - 6:30	166	178	344	6:15 - 6:30	356	460	816
6:30 - 6:45	194	216	410	6:30 - 6:45	348	432	780
6:45 - 7:00	270 734	304 825	574 1559	6:45 - 7:00	288 1416	360 1722	648 3138
7:00 - 7:15	353	279	632	7:00 - 7:15	278	308	586
7:15 - 7:30	368	334	702	7:15 - 7:30	272	294	566
7:30 - 7:45	430	368	798	7:30 - 7:45	236	246	482
7:45 - 8:00	626 1777	372 1353	998 3130	7:45 - 8:00	186 972	220 1068	406 2040
8:00 - 8:15	497	330	827	8:00 - 8:15	220	210	430
8:15 - 8:30	510	352	862	8:15 - 8:30	172	183	355
8:30 - 8:45	470	389	859	8:30 - 8:45	204	192	396
8:45 - 9:00	483 1960	384 1455	867 3415	8:45 - 9:00	166 762	220 805	386 1567
9:00 - 9:15	417	318	735	9:00 - 9:15	180	178	358
9:15 - 9:30	366	320	686	9:15 - 9:30	225	146	371
9:30 - 9:45	357	296	653	9:30 - 9:45	158	134	292
9:45 - 10:00	314 1454	322 1256	636 2710	9:45 - 10:00	136 699	124 582	260 1281
10:00 - 10:15	334	295	629	10:00 - 10:15	122	155	277
10:15 - 10:30	318	312	630	10:15 - 10:30	90	95	185
10:30 - 10:45	316	284	600	10:30 - 10:45	102	88	190
10:45 - 11:00	302 1270	296 1187	598 2457	10:45 - 11:00	60 374	64 402	124 776
11:00 - 11:15	350	314	664	11:00 - 11:15	102	52	154
11:15 - 11:30	343	352	695	11:15 - 11:30	46	56	102
11:30 - 11:45	387	373	760	11:30 - 11:45	41	34	75
11:45 - 12:00	382 1462	398 1437	780 2899	11:45 - 12:00	45 234	33 175	78 409
TOTALS	9,182	8,201	17,383		14,446	14,603	29,049
ADT'S					23,628	22,804	46,432

LOCATION - COAST HWY-BTN DOVER/BAYSIDE

AVERAGED VOLUMES FOR - TUESDAY 3/7/06 TO WEDNESDAY 3/8/06

***** AM *****				***** PM *****			
TIME	EB	WB	TOTAL	TIME	EB	WB	TOTAL
12:00 - 12:15	39	44	83	12:00 - 12:15	535	556	1091
12:15 - 12:30	30	40	70	12:15 - 12:30	587	541	1128
12:30 - 12:45	36	33	69	12:30 - 12:45	546	528	1074
12:45 - 1:00	21 126	22 139	43 265	12:45 - 1:00	583 2251	536 2161	1119 4412
1:00 - 1:15	22	18	40	1:00 - 1:15	598	473	1071
1:15 - 1:30	18	17	35	1:15 - 1:30	562	570	1132
1:30 - 1:45	12	10	22	1:30 - 1:45	560	545	1105
1:45 - 2:00	24 76	16 61	40 137	1:45 - 2:00	512 2232	563 2151	1075 4383
2:00 - 2:15	11	20	31	2:00 - 2:15	558	586	1144
2:15 - 2:30	18	10	28	2:15 - 2:30	534	618	1152
2:30 - 2:45	5	12	17	2:30 - 2:45	528	573	1101
2:45 - 3:00	4 38	7 49	11 87	2:45 - 3:00	600 2220	577 2354	1177 4574
3:00 - 3:15	2	6	8	3:00 - 3:15	562	584	1146
3:15 - 3:30	11	6	17	3:15 - 3:30	518	689	1207
3:30 - 3:45	12	8	20	3:30 - 3:45	598	626	1224
3:45 - 4:00	20 45	17 37	37 82	3:45 - 4:00	556 2234	694 2593	1250 4827
4:00 - 4:15	12	12	24	4:00 - 4:15	584	612	1196
4:15 - 4:30	8	6	14	4:15 - 4:30	526	786	1312
4:30 - 4:45	26	12	38	4:30 - 4:45	562	662	1224
4:45 - 5:00	38 84	26 56	64 140	4:45 - 5:00	598 2270	647 2707	1245 4977
5:00 - 5:15	26	25	51	5:00 - 5:15	576	752	1328
5:15 - 5:30	44	30	74	5:15 - 5:30	606	840	1446
5:30 - 5:45	66	46	112	5:30 - 5:45	579	734	1313
5:45 - 6:00	100 236	80 181	180 417	5:45 - 6:00	563 2324	849 3175	1412 5499
6:00 - 6:15	137	97	234	6:00 - 6:15	529	704	1233
6:15 - 6:30	182	126	308	6:15 - 6:30	513	688	1201
6:30 - 6:45	244	174	418	6:30 - 6:45	449	596	1045
6:45 - 7:00	396 959	222 619	618 1578	6:45 - 7:00	458 1949	531 2519	989 4468
7:00 - 7:15	463	248	711	7:00 - 7:15	356	462	818
7:15 - 7:30	575	316	891	7:15 - 7:30	332	339	671
7:30 - 7:45	666	362	1028	7:30 - 7:45	338	332	670
7:45 - 8:00	816 2520	418 1344	1234 3864	7:45 - 8:00	266 1292	332 1465	598 2757
8:00 - 8:15	726	429	1155	8:00 - 8:15	255	302	557
8:15 - 8:30	802	460	1262	8:15 - 8:30	246	290	536
8:30 - 8:45	745	395	1140	8:30 - 8:45	249	262	511
8:45 - 9:00	714 2987	504 1788	1218 4775	8:45 - 9:00	193 943	291 1145	484 2088
9:00 - 9:15	590	462	1052	9:00 - 9:15	232	300	532
9:15 - 9:30	483	532	1015	9:15 - 9:30	216	280	496
9:30 - 9:45	550	429	979	9:30 - 9:45	188	245	433
9:45 - 10:00	566 2189	514 1937	1080 4126	9:45 - 10:00	158 794	232 1057	390 1851
10:00 - 10:15	469	438	907	10:00 - 10:15	158	185	343
10:15 - 10:30	480	476	956	10:15 - 10:30	118	176	294
10:30 - 10:45	521	454	975	10:30 - 10:45	94	136	230
10:45 - 11:00	518 1988	493 1861	1011 3849	10:45 - 11:00	93 463	134 631	227 1094
11:00 - 11:15	502	458	960	11:00 - 11:15	82	124	206
11:15 - 11:30	499	482	981	11:15 - 11:30	62	87	149
11:30 - 11:45	510	534	1044	11:30 - 11:45	62	83	145
11:45 - 12:00	535 2046	550 2024	1085 4070	11:45 - 12:00	31 237	61 355	92 592

TOTALS	13,294	10,096	23,390		19,209	22,313	41,522
ADT'S					32,503	32,409	64,912

LOCATION - SAN JOAQUIN HILLS-BTN MACARTHUR/SAN MIGUEL AVERAGED VOLUMES FOR - TUESDAY 3/7/06 TO WEDNESDAY 3/8/06

***** AM *****				***** PM *****								
TIME	EB	WB	TOTAL	TIME	EB	WB	TOTAL					
12:00 - 12:15	13	3	16	12:00 - 12:15	181	158	339					
12:15 - 12:30	11	2	13	12:15 - 12:30	210	176	386					
12:30 - 12:45	6	8	14	12:30 - 12:45	234	168	402					
12:45 - 1:00	13	43	16	59	167	792	166	668	333	1460		
1:00 - 1:15	8	0	8	1:00 - 1:15	185	160	345					
1:15 - 1:30	4	6	10	1:15 - 1:30	168	174	342					
1:30 - 1:45	5	2	7	1:30 - 1:45	180	175	355					
1:45 - 2:00	6	23	1	9	7	32	168	701	160	669	328	1370
2:00 - 2:15	8	5	13	2:00 - 2:15	174	149	323					
2:15 - 2:30	6	4	10	2:15 - 2:30	184	178	362					
2:30 - 2:45	1	2	3	2:30 - 2:45	199	156	355					
2:45 - 3:00	2	17	4	15	6	32	200	757	190	673	390	1430
3:00 - 3:15	3	1	4	3:00 - 3:15	242	226	468					
3:15 - 3:30	3	0	3	3:15 - 3:30	209	254	463					
3:30 - 3:45	1	1	2	3:30 - 3:45	196	190	386					
3:45 - 4:00	3	10	1	3	4	13	214	861	192	862	406	1723
4:00 - 4:15	5	3	8	4:00 - 4:15	192	198	390					
4:15 - 4:30	4	4	8	4:15 - 4:30	210	164	374					
4:30 - 4:45	2	7	9	4:30 - 4:45	203	178	381					
4:45 - 5:00	10	21	11	25	21	46	210	815	134	674	344	1489
5:00 - 5:15	10	11	21	5:00 - 5:15	224	153	377					
5:15 - 5:30	14	28	42	5:15 - 5:30	302	150	452					
5:30 - 5:45	9	34	43	5:30 - 5:45	287	138	425					
5:45 - 6:00	24	57	48	121	72	178	256	1069	161	602	417	1671
6:00 - 6:15	28	60	88	6:00 - 6:15	240	140	380					
6:15 - 6:30	58	70	128	6:15 - 6:30	302	136	438					
6:30 - 6:45	94	84	178	6:30 - 6:45	251	126	377					
6:45 - 7:00	151	331	128	342	279	673	202	995	106	508	308	1503
7:00 - 7:15	122	150	272	7:00 - 7:15	174	108	282					
7:15 - 7:30	95	212	307	7:15 - 7:30	142	92	234					
7:30 - 7:45	161	290	451	7:30 - 7:45	137	68	205					
7:45 - 8:00	206	584	277	929	483	1513	108	561	64	332	172	893
8:00 - 8:15	207	300	507	8:00 - 8:15	104	63	167					
8:15 - 8:30	182	344	526	8:15 - 8:30	111	58	169					
8:30 - 8:45	143	254	397	8:30 - 8:45	82	52	134					
8:45 - 9:00	157	689	250	1148	407	1837	81	378	52	225	133	603
9:00 - 9:15	165	226	391	9:00 - 9:15	84	56	140					
9:15 - 9:30	132	217	349	9:15 - 9:30	77	45	122					
9:30 - 9:45	155	171	326	9:30 - 9:45	80	44	124					
9:45 - 10:00	153	605	177	791	330	1396	60	301	42	187	102	488
10:00 - 10:15	159	168	327	10:00 - 10:15	57	30	87					
10:15 - 10:30	142	156	298	10:15 - 10:30	66	26	92					
10:30 - 10:45	164	172	336	10:30 - 10:45	46	43	89					
10:45 - 11:00	152	617	161	657	313	1274	32	201	25	124	57	325
11:00 - 11:15	161	130	291	11:00 - 11:15	28	19	47					
11:15 - 11:30	141	150	291	11:15 - 11:30	23	9	32					
11:30 - 11:45	168	133	301	11:30 - 11:45	22	17	39					
11:45 - 12:00	184	654	158	571	342	1225	13	86	6	51	19	137
*****				*****								
TOTALS	3,651	4,627	8,278	7,517	5,575	13,092						
ADT'S				11,168	10,202	21,370						

LOCATION - COAST HWY-E/O MACARTHUR

AVERAGED VOLUMES FOR - WEDNESDAY 3/8/06 TO THURSDAY 3/9/06

***** AM *****				***** PM *****			
TIME	EB	WB	TOTAL	TIME	EB	WB	TOTAL
12:00 - 12:15	44	39	83	12:00 - 12:15	464	384	848
12:15 - 12:30	30	37	67	12:15 - 12:30	493	403	896
12:30 - 12:45	50	36	86	12:30 - 12:45	536	414	950
12:45 - 1:00	43	167	210	12:45 - 1:00	535	2028	2563
			307				3666
1:00 - 1:15	24	9	33	1:00 - 1:15	444	441	885
1:15 - 1:30	26	19	45	1:15 - 1:30	396	398	794
1:30 - 1:45	20	16	36	1:30 - 1:45	361	374	735
1:45 - 2:00	22	92	114	1:45 - 2:00	406	1607	2013
			149				3260
2:00 - 2:15	10	16	26	2:00 - 2:15	350	438	788
2:15 - 2:30	14	4	18	2:15 - 2:30	397	400	797
2:30 - 2:45	18	10	28	2:30 - 2:45	370	430	800
2:45 - 3:00	9	51	60	2:45 - 3:00	402	1519	1921
			90				3188
3:00 - 3:15	3	3	6	3:00 - 3:15	429	470	899
3:15 - 3:30	3	7	10	3:15 - 3:30	446	480	926
3:30 - 3:45	9	8	17	3:30 - 3:45	418	420	838
3:45 - 4:00	13	28	41	3:45 - 4:00	354	1647	2001
			54				3491
4:00 - 4:15	28	14	42	4:00 - 4:15	326	486	812
4:15 - 4:30	16	13	29	4:15 - 4:30	348	482	830
4:30 - 4:45	22	14	36	4:30 - 4:45	390	422	812
4:45 - 5:00	33	99	132	4:45 - 5:00	663	1727	2390
			172				3501
5:00 - 5:15	28	35	63	5:00 - 5:15	830	422	1252
5:15 - 5:30	45	49	94	5:15 - 5:30	764	391	1155
5:30 - 5:45	54	85	139	5:30 - 5:45	809	434	1243
5:45 - 6:00	126	253	379	5:45 - 6:00	702	3105	3807
			551				4764
6:00 - 6:15	162	122	284	6:00 - 6:15	760	396	1156
6:15 - 6:30	255	167	422	6:15 - 6:30	672	382	1054
6:30 - 6:45	384	228	612	6:30 - 6:45	650	363	1013
6:45 - 7:00	436	1237	1673	6:45 - 7:00	584	2666	3250
			2058				4141
7:00 - 7:15	523	336	859	7:00 - 7:15	546	274	820
7:15 - 7:30	497	463	960	7:15 - 7:30	478	265	743
7:30 - 7:45	432	544	976	7:30 - 7:45	562	210	772
7:45 - 8:00	552	2004	2556	7:45 - 8:00	436	2022	2458
			3828				2985
8:00 - 8:15	525	516	1041	8:00 - 8:15	410	186	596
8:15 - 8:30	541	525	1066	8:15 - 8:30	383	169	552
8:30 - 8:45	500	526	1026	8:30 - 8:45	314	162	476
8:45 - 9:00	512	2078	2590	8:45 - 9:00	347	1454	1801
			4195				2124
9:00 - 9:15	564	528	1092	9:00 - 9:15	283	176	459
9:15 - 9:30	470	426	896	9:15 - 9:30	374	174	548
9:30 - 9:45	486	445	931	9:30 - 9:45	290	157	447
9:45 - 10:00	484	2004	2488	9:45 - 10:00	251	1198	1449
			3849				1887
10:00 - 10:15	540	408	948	10:00 - 10:15	261	132	393
10:15 - 10:30	446	403	849	10:15 - 10:30	192	152	344
10:30 - 10:45	504	366	870	10:30 - 10:45	170	109	279
10:45 - 11:00	450	1940	2390	10:45 - 11:00	161	784	945
			3563				1278
11:00 - 11:15	488	392	880	11:00 - 11:15	92	108	200
11:15 - 11:30	514	378	892	11:15 - 11:30	90	94	184
11:30 - 11:45	498	372	870	11:30 - 11:45	78	63	141
11:45 - 12:00	540	2040	2580	11:45 - 12:00	69	329	398
			3568				635
*****				*****			
TOTALS	11,993	10,391	22,384		20,086	14,834	34,920
*****				*****			
ADT'S					32,079	25,225	57,304
*****				*****			

LOCATION - COAST HWY-E/O NEWPORT COAST

VOLUMES FOR - WEDNESDAY 3/8/06

***** AM *****					***** PM *****				
TIME	EB	WB	TOTAL		TIME	EB	WB	TOTAL	
12:00 - 12:15	17	25	42		12:00 - 12:15	304	248	552	
12:15 - 12:30	28	24	52		12:15 - 12:30	264	266	530	
12:30 - 12:45	27	20	47		12:30 - 12:45	264	282	546	
12:45 - 1:00	14 86	9 78	23 164		12:45 - 1:00	252 1084	290 1086	542 2170	
1:00 - 1:15	11	18	29		1:00 - 1:15	287	285	572	
1:15 - 1:30	15	14	29		1:15 - 1:30	261	306	567	
1:30 - 1:45	13	14	27		1:30 - 1:45	272	304	576	
1:45 - 2:00	7 46	10 56	17 102		1:45 - 2:00	295 1115	331 1226	626 2341	
2:00 - 2:15	9	10	19		2:00 - 2:15	289	309	598	
2:15 - 2:30	3	6	9		2:15 - 2:30	296	306	602	
2:30 - 2:45	10	7	17		2:30 - 2:45	312	288	600	
2:45 - 3:00	2 24	5 28	7 52		2:45 - 3:00	318 1215	344 1247	662 2462	
3:00 - 3:15	2	6	8		3:00 - 3:15	316	316	632	
3:15 - 3:30	3	8	11		3:15 - 3:30	358	324	682	
3:30 - 3:45	4	9	13		3:30 - 3:45	353	369	722	
3:45 - 4:00	7 16	4 27	11 43		3:45 - 4:00	355 1382	356 1365	711 2747	
4:00 - 4:15	9	3	12		4:00 - 4:15	354	376	730	
4:15 - 4:30	9	5	14		4:15 - 4:30	338	315	653	
4:30 - 4:45	9	17	26		4:30 - 4:45	420	322	742	
4:45 - 5:00	17 44	29 54	46 98		4:45 - 5:00	500 1612	294 1307	794 2919	
5:00 - 5:15	17	32	49		5:00 - 5:15	468	321	789	
5:15 - 5:30	20	46	66		5:15 - 5:30	496	350	846	
5:30 - 5:45	30	70	100		5:30 - 5:45	512	352	864	
5:45 - 6:00	40 107	105 253	145 360		5:45 - 6:00	480 1956	286 1309	766 3265	
6:00 - 6:15	56	120	176		6:00 - 6:15	476	281	757	
6:15 - 6:30	80	202	282		6:15 - 6:30	417	314	731	
6:30 - 6:45	137	205	342		6:30 - 6:45	430	261	691	
6:45 - 7:00	188 461	270 797	458 1258		6:45 - 7:00	342 1665	220 1076	562 2741	
7:00 - 7:15	226	334	560		7:00 - 7:15	301	188	489	
7:15 - 7:30	300	420	720		7:15 - 7:30	263	172	435	
7:30 - 7:45	231	518	749		7:30 - 7:45	271	138	409	
7:45 - 8:00	264 1021	487 1759	751 2780		7:45 - 8:00	222 1057	156 654	378 1711	
8:00 - 8:15	248	534	782		8:00 - 8:15	214	128	342	
8:15 - 8:30	272	457	729		8:15 - 8:30	209	120	329	
8:30 - 8:45	287	538	825		8:30 - 8:45	170	124	294	
8:45 - 9:00	258 1065	497 2026	755 3091		8:45 - 9:00	180 773	110 482	290 1255	
9:00 - 9:15	253	437	690		9:00 - 9:15	156	118	274	
9:15 - 9:30	272	368	640		9:15 - 9:30	176	121	297	
9:30 - 9:45	222	351	573		9:30 - 9:45	151	121	272	
9:45 - 10:00	238 985	329 1485	567 2470		9:45 - 10:00	121 604	123 483	244 1087	
10:00 - 10:15	273	302	575		10:00 - 10:15	142	92	234	
10:15 - 10:30	242	300	542		10:15 - 10:30	113	108	221	
10:30 - 10:45	212	322	534		10:30 - 10:45	110	73	183	
10:45 - 11:00	240 967	328 1252	568 2219		10:45 - 11:00	83 448	90 363	173 811	
11:00 - 11:15	218	274	492		11:00 - 11:15	51	83	134	
11:15 - 11:30	268	285	553		11:15 - 11:30	46	55	101	
11:30 - 11:45	279	304	583		11:30 - 11:45	50	46	96	
11:45 - 12:00	259 1024	310 1173	569 2197		11:45 - 12:00	26 173	39 223	65 396	
*****					*****				
TOTALS	5,846	8,988	14,834			13,084	10,821	23,905	
ADT'S						18,930	19,809	38,739	
*****					*****				

LOCATION - COAST HWY-JUST E/O SANTA ANA RIVER

AVERAGED VOLUMES FOR - WEDNESDAY 3/8/06 TO THURSDAY 3/9/06

***** AM *****				***** PM *****			
TIME	EB	WB	TOTAL	TIME	EB	WB	TOTAL
12:00 - 12:15	29	60	89	12:00 - 12:15	256	284	540
12:15 - 12:30	32	48	80	12:15 - 12:30	247	297	544
12:30 - 12:45	22	38	60	12:30 - 12:45	281	268	549
12:45 - 1:00	20 103	25 171	45 274	12:45 - 1:00	310 1094	264 1113	574 2207
1:00 - 1:15	17	23	40	1:00 - 1:15	241	271	512
1:15 - 1:30	14	22	36	1:15 - 1:30	268	278	546
1:30 - 1:45	18	19	37	1:30 - 1:45	242	289	531
1:45 - 2:00	13 62	20 84	33 146	1:45 - 2:00	266 1017	322 1160	588 2177
2:00 - 2:15	14	19	33	2:00 - 2:15	238	304	542
2:15 - 2:30	10	9	19	2:15 - 2:30	290	352	642
2:30 - 2:45	7	8	15	2:30 - 2:45	274	320	594
2:45 - 3:00	3 34	9 45	12 79	2:45 - 3:00	310 1112	414 1390	724 2502
3:00 - 3:15	8	12	20	3:00 - 3:15	255	391	646
3:15 - 3:30	4	6	10	3:15 - 3:30	296	474	770
3:30 - 3:45	9	9	18	3:30 - 3:45	282	521	803
3:45 - 4:00	9 30	16 43	25 73	3:45 - 4:00	290 1123	528 1914	818 3037
4:00 - 4:15	16	10	26	4:00 - 4:15	278	537	815
4:15 - 4:30	14	18	32	4:15 - 4:30	268	606	874
4:30 - 4:45	22	7	29	4:30 - 4:45	280	664	944
4:45 - 5:00	32 84	20 55	52 139	4:45 - 5:00	302 1128	620 2427	922 3555
5:00 - 5:15	31	28	59	5:00 - 5:15	250	722	972
5:15 - 5:30	36	32	68	5:15 - 5:30	294	788	1082
5:30 - 5:45	69	39	108	5:30 - 5:45	306	760	1066
5:45 - 6:00	128 264	50 149	178 413	5:45 - 6:00	322 1172	688 2958	1010 4130
6:00 - 6:15	150	48	198	6:00 - 6:15	284	659	943
6:15 - 6:30	238	96	334	6:15 - 6:30	336	614	950
6:30 - 6:45	369	102	471	6:30 - 6:45	245	529	774
6:45 - 7:00	472 1229	140 386	612 1615	6:45 - 7:00	272 1137	406 2208	678 3345
7:00 - 7:15	502	164	666	7:00 - 7:15	190	326	516
7:15 - 7:30	643	190	833	7:15 - 7:30	169	334	503
7:30 - 7:45	712	238	950	7:30 - 7:45	170	259	429
7:45 - 8:00	951 2808	288 880	1239 3688	7:45 - 8:00	156 685	288 1207	444 1892
8:00 - 8:15	686	233	919	8:00 - 8:15	144	235	379
8:15 - 8:30	726	288	1014	8:15 - 8:30	132	234	366
8:30 - 8:45	716	254	970	8:30 - 8:45	127	204	331
8:45 - 9:00	708 2836	256 1031	964 3867	8:45 - 9:00	118 521	188 861	306 1382
9:00 - 9:15	463	216	679	9:00 - 9:15	113	178	291
9:15 - 9:30	370	228	598	9:15 - 9:30	119	239	358
9:30 - 9:45	324	228	552	9:30 - 9:45	96	194	290
9:45 - 10:00	383 1540	209 881	592 2421	9:45 - 10:00	92 420	194 805	286 1225
10:00 - 10:15	284	208	492	10:00 - 10:15	94	162	256
10:15 - 10:30	253	234	487	10:15 - 10:30	96	124	220
10:30 - 10:45	257	263	520	10:30 - 10:45	86	107	193
10:45 - 11:00	298 1092	224 929	522 2021	10:45 - 11:00	66 342	104 497	170 839
11:00 - 11:15	250	269	519	11:00 - 11:15	55	78	133
11:15 - 11:30	234	218	452	11:15 - 11:30	54	67	121
11:30 - 11:45	253	257	510	11:30 - 11:45	36	84	120
11:45 - 12:00	252 989	248 992	500 1981	11:45 - 12:00	53 198	53 282	106 480
TOTALS	11,071	5,646	16,717		9,949	16,822	26,771
ADT'S					21,020	22,468	43,488

LOCATION - BALBOA-BTN 23RD/15TH

AVERAGED VOLUMES FOR - WEDNESDAY 3/8/06 TO THURSDAY 3/9/06

***** AM *****				***** PM *****			
TIME	NB	SB	TOTAL	TIME	NB	SB	TOTAL
12:00 - 12:15	21	27	48	12:00 - 12:15	169	140	309
12:15 - 12:30	12	21	33	12:15 - 12:30	135	202	337
12:30 - 12:45	14	19	33	12:30 - 12:45	160	164	324
12:45 - 1:00	25 72	23 90	48 162	12:45 - 1:00	168 632	195 701	363 1333
1:00 - 1:15	16	16	32	1:00 - 1:15	184	214	398
1:15 - 1:30	16	13	29	1:15 - 1:30	239	174	413
1:30 - 1:45	11	10	21	1:30 - 1:45	155	150	305
1:45 - 2:00	5 48	8 47	13 95	1:45 - 2:00	149 727	197 735	346 1462
2:00 - 2:15	7	8	15	2:00 - 2:15	156	184	340
2:15 - 2:30	8	6	14	2:15 - 2:30	209	144	353
2:30 - 2:45	7	6	13	2:30 - 2:45	138	168	306
2:45 - 3:00	2 24	8 28	10 52	2:45 - 3:00	144 647	180 676	324 1323
3:00 - 3:15	4	2	6	3:00 - 3:15	145	189	334
3:15 - 3:30	1	2	3	3:15 - 3:30	180	162	342
3:30 - 3:45	6	2	8	3:30 - 3:45	186	224	410
3:45 - 4:00	5 16	4 10	9 26	3:45 - 4:00	194 705	179 754	373 1459
4:00 - 4:15	8	7	15	4:00 - 4:15	193	190	383
4:15 - 4:30	10	1	11	4:15 - 4:30	184	157	341
4:30 - 4:45	6	7	13	4:30 - 4:45	179	186	365
4:45 - 5:00	11 35	3 18	14 53	4:45 - 5:00	174 730	204 737	378 1467
5:00 - 5:15	19	6	25	5:00 - 5:15	149	184	333
5:15 - 5:30	26	9	35	5:15 - 5:30	155	202	357
5:30 - 5:45	36	10	46	5:30 - 5:45	136	218	354
5:45 - 6:00	44 125	22 47	66 172	5:45 - 6:00	152 592	225 829	377 1421
6:00 - 6:15	66	27	93	6:00 - 6:15	174	249	423
6:15 - 6:30	63	36	99	6:15 - 6:30	157	238	395
6:30 - 6:45	88	42	130	6:30 - 6:45	162	201	363
6:45 - 7:00	123 340	75 180	198 520	6:45 - 7:00	118 611	222 910	340 1521
7:00 - 7:15	134	87	221	7:00 - 7:15	126	166	292
7:15 - 7:30	176	86	262	7:15 - 7:30	95	166	261
7:30 - 7:45	210	116	326	7:30 - 7:45	115	129	244
7:45 - 8:00	248 768	220 509	468 1277	7:45 - 8:00	102 438	132 593	234 1031
8:00 - 8:15	268	170	438	8:00 - 8:15	107	146	253
8:15 - 8:30	192	107	299	8:15 - 8:30	85	113	198
8:30 - 8:45	220	112	332	8:30 - 8:45	105	124	229
8:45 - 9:00	176 856	142 531	318 1387	8:45 - 9:00	118 415	128 511	246 926
9:00 - 9:15	195	128	323	9:00 - 9:15	134	116	250
9:15 - 9:30	146	134	280	9:15 - 9:30	78	104	182
9:30 - 9:45	135	112	247	9:30 - 9:45	94	116	210
9:45 - 10:00	132 608	146 520	278 1128	9:45 - 10:00	74 380	86 422	160 802
10:00 - 10:15	154	145	299	10:00 - 10:15	59	98	157
10:15 - 10:30	132	126	258	10:15 - 10:30	52	69	121
10:30 - 10:45	160	134	294	10:30 - 10:45	34	67	101
10:45 - 11:00	157 603	130 535	287 1138	10:45 - 11:00	50 195	54 288	104 483
11:00 - 11:15	150	118	268	11:00 - 11:15	29	55	84
11:15 - 11:30	148	148	296	11:15 - 11:30	30	39	69
11:30 - 11:45	124	124	248	11:30 - 11:45	24	33	57
11:45 - 12:00	174 596	158 548	332 1144	11:45 - 12:00	18 101	28 155	46 256
TOTALS	4,091	3,063	7,154		6,173	7,311	13,484
ADT'S					10,264	10,374	20,638

LOCATION - IRVINE-S/O 22ND/SANTIAGO

AVERAGED VOLUMES FOR - TUESDAY 3/7/06 TO WEDNESDAY 3/8/06

***** AM *****				***** PM *****			
TIME	NB	SB	TOTAL	TIME	NB	SB	TOTAL
12:00 - 12:15	12	14	26	12:00 - 12:15	170	288	458
12:15 - 12:30	8	12	20	12:15 - 12:30	204	264	468
12:30 - 12:45	9	9	18	12:30 - 12:45	190	264	454
12:45 - 1:00	5 34	4 39	9 73	12:45 - 1:00	221 785	259 1075	480 1860
1:00 - 1:15	6	14	20	1:00 - 1:15	231	202	433
1:15 - 1:30	6	7	13	1:15 - 1:30	212	230	442
1:30 - 1:45	8	5	13	1:30 - 1:45	194	226	420
1:45 - 2:00	8 28	5 31	13 59	1:45 - 2:00	216 853	204 862	420 1715
2:00 - 2:15	3	4	7	2:00 - 2:15	200	204	404
2:15 - 2:30	3	5	8	2:15 - 2:30	196	204	400
2:30 - 2:45	2	4	6	2:30 - 2:45	180	232	412
2:45 - 3:00	0 8	2 15	2 23	2:45 - 3:00	208 784	265 905	473 1689
3:00 - 3:15	1	2	3	3:00 - 3:15	228	242	470
3:15 - 3:30	3	3	6	3:15 - 3:30	240	307	547
3:30 - 3:45	1	4	5	3:30 - 3:45	218	226	444
3:45 - 4:00	1 6	4 13	5 19	3:45 - 4:00	202 888	275 1050	477 1938
4:00 - 4:15	6	5	11	4:00 - 4:15	215	236	451
4:15 - 4:30	6	5	11	4:15 - 4:30	194	277	471
4:30 - 4:45	6	11	17	4:30 - 4:45	221	260	481
4:45 - 5:00	8 26	14 35	22 61	4:45 - 5:00	225 855	342 1115	567 1970
5:00 - 5:15	12	6	18	5:00 - 5:15	203	340	543
5:15 - 5:30	21	11	32	5:15 - 5:30	209	402	611
5:30 - 5:45	47	16	63	5:30 - 5:45	182	391	573
5:45 - 6:00	54 134	28 61	82 195	5:45 - 6:00	200 794	478 1611	678 2405
6:00 - 6:15	51	39	90	6:00 - 6:15	198	352	550
6:15 - 6:30	57	42	99	6:15 - 6:30	192	356	548
6:30 - 6:45	72	92	164	6:30 - 6:45	158	314	472
6:45 - 7:00	143 323	90 263	233 586	6:45 - 7:00	116 664	233 1255	349 1919
7:00 - 7:15	151	130	281	7:00 - 7:15	146	226	372
7:15 - 7:30	241	174	415	7:15 - 7:30	114	193	307
7:30 - 7:45	289	250	539	7:30 - 7:45	108	166	274
7:45 - 8:00	470 1151	210 764	680 1915	7:45 - 8:00	89 457	149 734	238 1191
8:00 - 8:15	460	184	644	8:00 - 8:15	96	118	214
8:15 - 8:30	403	184	587	8:15 - 8:30	91	108	199
8:30 - 8:45	381	216	597	8:30 - 8:45	78	106	184
8:45 - 9:00	298 1542	169 753	467 2295	8:45 - 9:00	86 351	87 419	173 770
9:00 - 9:15	254	198	452	9:00 - 9:15	67	88	155
9:15 - 9:30	230	174	404	9:15 - 9:30	72	88	160
9:30 - 9:45	193	167	360	9:30 - 9:45	57	74	131
9:45 - 10:00	166 843	179 718	345 1561	9:45 - 10:00	50 246	59 309	109 555
10:00 - 10:15	203	168	371	10:00 - 10:15	52	63	115
10:15 - 10:30	144	171	315	10:15 - 10:30	46	70	116
10:30 - 10:45	146	152	298	10:30 - 10:45	23	64	87
10:45 - 11:00	172 665	173 664	345 1329	10:45 - 11:00	21 142	34 231	55 373
11:00 - 11:15	168	188	356	11:00 - 11:15	24	24	48
11:15 - 11:30	170	189	359	11:15 - 11:30	16	24	40
11:30 - 11:45	156	174	330	11:30 - 11:45	15	30	45
11:45 - 12:00	183 677	242 793	425 1470	11:45 - 12:00	11 66	12 90	23 156
*****				*****			
TOTALS	5,437	4,149	9,586		6,885	9,656	16,541
ADT'S					12,322	13,805	26,127
*****				*****			

ATTACHMENT B

COAST HIGHWAY EAST OF MACARTHUR BOULEVARD
PEAKING AND DIRECTIONALITY CHARACTERISTICS

Coast e/o MacArthur		AM PEAK HOUR						PM PEAK HOUR							
		VOLUME			PERCENT			VOLUME			PERCENT			AM+PM	
		EB	WB	EB+WB	EB	WB	EB	WB	EB+WB	EB	WB	EB	WB	WB	EB+WB
2002	1362	2107	3469	39.3%	60.7%	2142	2107	4249	50.4%	49.6%	3504	4214	7718		
2006	2117	2129	4246	49.9%	50.1%	3105	1659	4764	65.2%	34.8%	5222	3788	9010		
GROWTH	755	22				963	-448				1718	-426	1292		
% GROWTH	55%	1%				45%	-21%				49%	-10%	17%		
U:\UcJobs\ 01200\01232\Excel\2006CountDirectionality.xls]Sheet3															

	Peak Hour Volume		Daily Volume	Peak % of Dy	
	AM	PM		AM	PM
Coast e/o MacArthur	4192	4764	57304	7%	8%
Coast e/o MacArthur		AM			
		976			
		1033			
		1041			
		1066	4116		
		1026	4166		
		1062	4195		
ends at 9:15		1092	4246		
		PM			
		1047			
		1252			
		1155			
		1243	4697		
ends at 6:00		1114	4764		
		1156	4668		
		1054	4567		
U:\UcJobs\ 01200\01232\Excel\[2006CountDirectionality.xls]Sheet2					

