

## **Appendix 5.12-1 Traffic Assessment Letter**

## Appendices

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**LOS Engineering, Inc.**  
**Traffic and Transportation**

11622 El Camino Real, Suite 100, San Diego, CA 92130  
Phone 619-890-1253, Fax 619-374-7247, E-mail: Justin@LOSengineering.com

March 14, 2016

Mr. Mo Sammak, P.E.  
City of Solana Beach  
635 S Highway 101  
Solana Beach, CA 92075

RE: 959 Genevieve Street Senior Care Housing Project - Traffic Assessment Letter

Dear Mr. Sammak:

The following traffic assessment is provided to document surrounding daily roadway volumes and the anticipated project trip generation for a proposed 99 bed senior care housing project to be located at 959 Genevieve Street, Solana Beach, California. Project access is proposed from Genevieve Street. A preliminary grading plan is included in **Attachment A**. The site is vacant except for an un-occupied single family dwelling unit generally located in the center of the parcel.

#### EXISTING TRAFFIC VOLUMES

At the request of City staff, multiple days of traffic data were collected in 2014 and 2015 along five streets in the surrounding neighborhood (count data included in **Attachment B**). These counts were scheduled to account for traffic during the fair season, the racing season, and a typical week while school was in session. The data indicates that there is not a substantive change in traffic on the area streets associated with events at the Fairgrounds. The streets and respective traffic volumes (High ADT, Low ADT, and Average ADT) included:

- 1) Marine View Avenue from San Andres Dr to Solana Dr (High 1,330; Low 527; Average 1,078)
- 2) Genevieve Street from Marine View Ave to a cul-de-sac adjacent to I-5 (High 37; Low 31; Average 34)
- 3) Las Banderas Dr from Lomas Santa Fe Dr to San Andres Dr (High 4,095; Low 3,936; Average 4,016)
- 4) Marine View Avenue from Los Caballitos to Genevieve St (High 304; Low 123; Average 232)
- 5) Highland Dr from Solana Dr to San Andres Dr (High 2,015; Low 875; Average 1,495)

#### PROJECT TRIP GENERATION

For the San Diego region, project trip generation is typically calculated using the SANDAG *Brief Guide of Vehicular Traffic Generation Rates*, April 2002. However, SANDAG defaults to the Institute of Transportation Engineers (ITE) trip rates when local data is unavailable. SANDAG noted that the 6<sup>th</sup> Edition ITE rates were used for senior care housing. The latest ITE trip generation is the 9<sup>th</sup> Edition, 2012. Therefore, the ITE 9<sup>th</sup> Edition Trip Generation was used to calculate the project trip generation.

The ITE 9<sup>th</sup> Edition Trip Generation Code 254 Assisted Living was used because it best fit the project description. Assisted Living noted that memory care or Alzheimer’s are commonly offered by the facilities surveyed. The project proposed to include memory or Alzheimer’s care. ITE trip rates for Assisted Living are included in **Attachment C**. Using the *ITE 9<sup>th</sup> Edition Trip Generation*, the project is calculated to generate 263 Average Daily Trips (ADT), with 18 AM peak hour trips (12 inbound and 6 outbound), and 34 PM peak hour trips (16 inbound and 18 outbound) as shown in **Table 1**.

**Table 1: Project Trip Generation**

ITE Land Use	Trip Rate	Size & Units	ADT	AM				PM					
				Rate	Split	IN	OUT	Rate	Split	IN	OUT		
Assisted Living	2.66 /Bed	99 Beds	<b>263</b>	0.18 /Bed	0.67	0.33	<b>12</b>	<b>6</b>	0.35 /Bed	0.47	0.53	<b>16</b>	<b>18</b>

Source: *ITE 9th Edition Trip Generation*, 2012. ADT=Average Daily Traffic; Split-percent inbound and outbound.

When the project trip generation is established, the need for a traffic study can be determined. Determination for the need of a traffic study was based on the *SANTEC/ITE Guidelines for Traffic Impact Studies in the San Diego Region*, March 2000. The SANTEC guideline states:

“A TIS [Traffic Impact Study] should be prepared for all projects which generate traffic greater than 1,000 total average daily trips (ADT) or 100 peak-hour trips. If a proposed project is not in conformance with the land use and/or transportation element of the general or community plan, use threshold rates of 500 ADT or 50 peak-hour trips.”

An excerpt from the SANTEC guidelines is included in **Attachment D**. Since the project traffic is calculated to be less than the lower 500 ADT threshold and the peak hours are calculated to be less than the lower 50 peak hour trips, the project would not require a traffic study based on the SANTEC/ITE guidelines. However, the three roadways providing access to the project were analyzed to determine if the roadway capacity would be exceeded with the proposed project.

**PROJECT ACCESS AND SURROUNDING ROADWAYS**

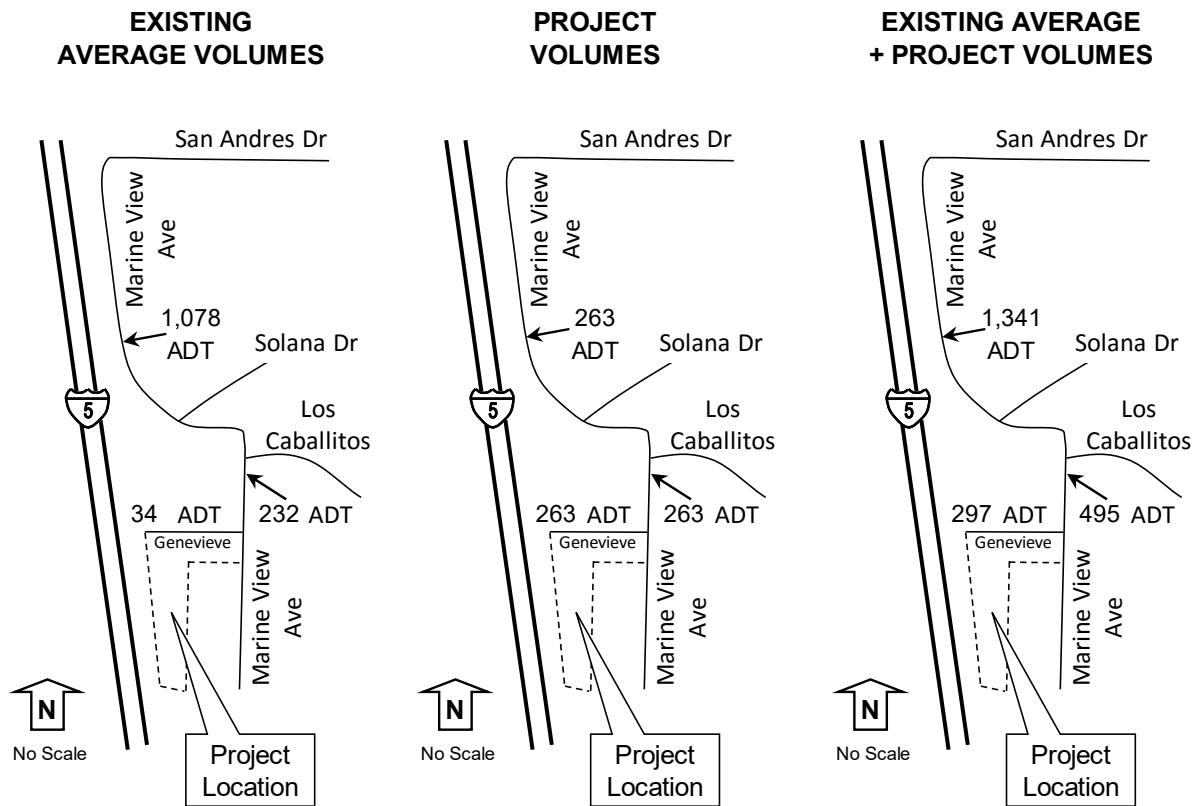
Project access is proposed on Genevieve Street. To reach Genevieve Street, project traffic will be required to use Marine View Avenue. A project driveway sight distance analysis will be provided under separate cover.

Overall travel to and from the project site is anticipated from Lomas Santa Fe Drive and Las Banderas, via San Andres Drive and Marine View Avenue. Minimal project traffic is anticipated to use the residential streets located south and east of the project site due to their narrow, windy, and circuitous network.

**EXISTING PLUS PROJECT TRAFFIC**

Based on the anticipated project travel from Lomas Santa Fe, the project is calculated to add 263 daily trips to Marine View Avenue and Genevieve Street. The surrounding roadways without and with project traffic are shown in **Figure 1**.

**FIGURE 1: Volumes**



**ROADWAY CAPACITY**

The roadway classification and capacity was obtained from the City of Solana Beach *Circulation Element*. The City of Solana Beach *Circulation Element* has an exhibit that shows Marine View Avenue and Genevieve Street as “Local Roads” and lists a capacity of 2,000 vehicles per day for a Local Road - excerpts included in **Attachment E**. The *Circulation Element* states “Design capacity of 2,000 vehicles per day determined not by the physical capacity of the road but rather the acceptable level of service which will not affect the quality of life in residential areas”. Based on the City of Solana Beach classification and capacity, the addition of project traffic will not exceed the capacity of Marine View Avenue or Genevieve Street. In addition to these local streets, the City requested that current counts be provided for Las Banderas to verify existing volumes. The design capacity of Las Banderas, a Collector Street, is 10,000 vehicles per day and the existing volumes are well below the 10,000 level. The existing and with project volumes are included in **Tables 2** and **Table 3**.

**Table 2: EXISTING (Average) + PROJECT TRAFFIC VOLUMES AND CAPACITY**

Segment	Roadway Classification	Existing (Average)			Project Daily Volume	Existing (Avg) + Project		
		Daily Volume	Roadway Capacity	Within Capacity		Daily Volume	Roadway Capacity	Within Capacity
<b>Marine View Ave</b>								
From San Andres Dr to Solana Dr	Local	1,078	2,000	Yes	263	1,341	2,000	Yes
From Los Caballitos to Genevieve St	Local	232	2,000	Yes	263	495	2,000	Yes
<b>Genevieve Street</b>								
From Marine View Ave to I-5 (cul-de-sac)	Local	34	2,000	Yes	263	297	2,000	Yes
<b>Las Banderas</b>								
From Lomas Santa Fe to San Andres Dr	Collector	4,016	10,000	Yes	263	4,279	10,000	Yes

Daily volume is a 24 hour volume.

**Table 3: EXISTING (Highest) + PROJECT TRAFFIC VOLUMES AND CAPACITY**

Segment	Roadway Classification	Existing (Highest)			Project Daily Volume	Existing (High) + Project		
		Daily Volume	Roadway Capacity	Within Capacity		Daily Volume	Roadway Capacity	Within Capacity
<b>Marine View Ave</b>								
From San Andres Dr to Solana Dr	Local	1,330	2,000	Yes	263	1,593	2,000	Yes
From Los Caballitos to Genevieve St	Local	304	2,000	Yes	263	567	2,000	Yes
<b>Genevieve Street</b>								
From Marine View Ave to I-5 (cul-de-sac)	Local	37	2,000	Yes	263	300	2,000	Yes
<b>Las Banderas</b>								
From Lomas Santa Fe to San Andres Dr	Collector	4,095	10,000	Yes	263	4,358	10,000	Yes

Daily volume is a 24 hour volume.

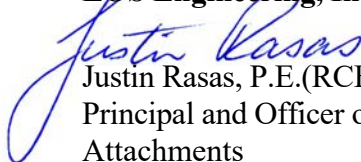
**CONCLUSION**

A 99 bed assisted living project for seniors is proposed at 959 Genevieve Street in Solana Beach, California. The project is calculated to generate 263 ADT with 18 AM peak hour trips and 34 PM peak hour trips. The project trip generation is below the SANTEC requirement for a traffic study; therefore, a traffic study is not recommended for the project. However, three surrounding residential roadway segments and the Las Banderas collector were analyzed with the proposed project and were found to be within capacity with the addition of project traffic.

The City of Solana Beach *Circulation Element* states “Design capacity of 2,000 vehicles per day [for local roads were] determined not by the physical capacity of the road but rather the acceptable level of service which will not affect the quality of life in residential areas”. Based on the City of Solana Beach *Circulation Element*, the proposed project would not affect the quality of life in residential area. However, the applicant is willing to work with the community to develop traffic calming measures to mitigate potential concerns by the neighboring residents.

It is recommended that the applicant be conditioned to only allow the type of uses noted in this traffic generation analysis. If other uses are to be proposed in the future, then the applicant should revise this traffic assessment letter. Please call me at (619) 890-1253 if you have any questions.

Sincerely,  
**LOS Engineering, Inc.**

  
 Justin Rasas, P.E.(RCE 60690), PTOE  
 Principal and Officer of LOS Engineering, Inc.  
 Attachments

ATTACHMENT A  
PRELIMINARY GRADING PLAN

PLEASE SEE NEXT PAGE

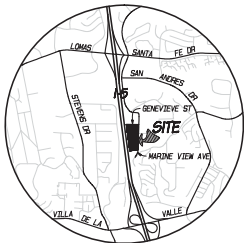
PREPARED FOR  
PACIFIC SOUND INVESTORS, LLC  
SITE ADDRESS  
959 GENEVIEVE STREET  
SOLANA BEACH, CA 92075

APNS  
299-390-51  
LEGAL DESCRIPTION  
PORTION OF LOTS 1 & 2 IN BLOCK 3 OF KENNEY'S MARINE VIEW GARDENS IN THE CITY OF SOLANA BEACH, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1774 REC 19-31-1923 IN THE OFFICE OF THE COUNTY RECORDER OF SAID SAN DIEGO COUNTY, BEING PARCELS 4 & 5 OF CERTIFICATE OF CORNER, RECORDED APRIL 28, 2003 AS DOC. NO. 2003-09729 OF OFFICIAL RECORDS OF SAID SAN DIEGO COUNTY.

**BENCHMARK**  
ELEVATIONS SHOWN ON THIS MAP ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). THE BENCHMARK USED TO ESTABLISH SAID ELEVATIONS IS THE CITY OF SOLANA BEACH, CONTROL POINT NUMBER 2004, PER RECORD OF SURVEY 19971. THE PUBLISHED NAVD88 ELEVATION OF SAID BENCHMARK IS 315.148 FEET. EPOC 2004.0

**PROPOSED DISTURBED AREA**  
2.57 AC

- LEGEND**
- | DESCRIPTION                                 | SYMBOL |
|---|--------|
| SITE BOUNDARY                               | ---    |
| RIGHT-OF-WAY CENTERLINE                     | ---    |
| OFFSITE PROPERTY LINE                       | ---    |
| EXISTING EASEMENT                           | ---    |
| EXISTING CONTOUR LINE                       | ---    |
| EXISTING FENCE                              | ---    |
| EXISTING WATER LINE                         | ---    |
| EXISTING SEWER LINE                         | ---    |
| EXISTING OVERHEAD UTILITIES                 | ---    |
| PROPOSED CONTOUR LINE                       | ---    |
| PROPOSED LIMIT OF GRADING                   | ---    |
| PROPOSED BUILDING FOOTPRINT                 | ---    |
| PROPOSED LOWER BUILDING LEVEL               | ---    |
| PROPOSED RETAINING WALL                     | ---    |
| PROPOSED CUT SLOPE                          | ---    |
| PROPOSED BROW DITCH                         | ---    |
| PROPOSED DRAINAGE DIRECTION                 | ---    |
| PROPOSED PERMANENT BMP AREA                 | ---    |
| PROPOSED PVC STORMDRAIN                     | ---    |
| PROPOSED DRAIN INLET                        | ---    |
| PROPOSED RIP-RAP ENERGY DISSIPATOR          | ---    |
| PROPOSED CONCRETE DROP INLET                | ---    |
| PROPOSED BOX CULVERT                        | ---    |
| PROPOSED CONCRETE KING HEADWALL             | ---    |
| TYPE G CATCH BASIN                          | ---    |
| PROPOSED SHOUT LINE                         | ---    |
| PROPOSED 6" CURB, GUTTER & 6" SIDEWALK      | ---    |
| PROPOSED ROLLED CURB & 6" SIDEWALK          | ---    |
| PROPOSED AC PAVING                          | ---    |
| PROPOSED ENHANCED PAVING PER LANDSCAPE PLAN | ---    |



VICINITY MAP  
NOT TO SCALE

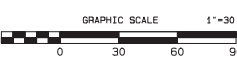
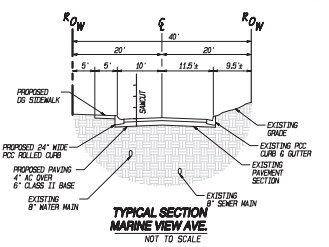
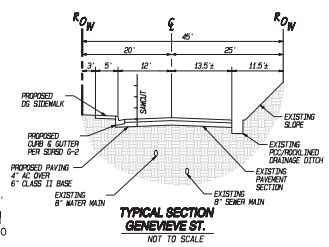
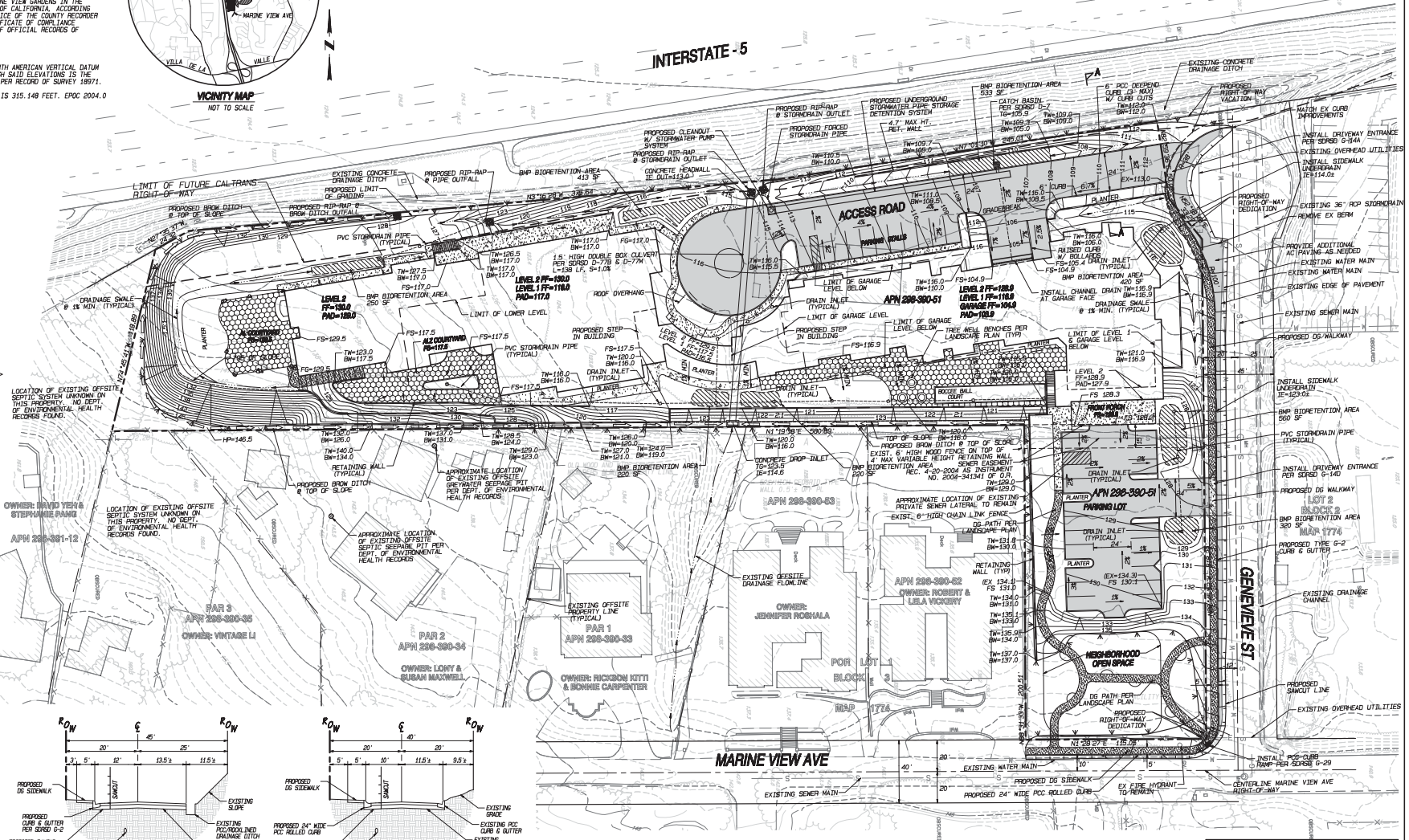
# PRELIMINARY GRADING PLAN FOR RESIDENTIAL CARE FACILITY 959 GENEVIEVE STREET

PROJECT AREA TABULATION  
GROSS AREA 126,875 SF (2.91 AC)  
AREA OF DEDICATION -347 SF  
AREA OF STREET VACATION +403 SF  
NET AREA 127,131 SF (2.91 AC)

**ESTIMATED EARTH-WORK QUANTITIES**

27,400 CY CUT  
1,200 CY FILL  
26,200 CY NET EXPORT

NOTE:  
GRADING QUANTITIES HEREON REPRESENT  
COMPACTED SOIL VOLUMES AND DO NOT  
ACCOUNT FOR SPILLS GENERATED FROM  
FOOTINGS OR UTILITY TRENCHES OR FOR  
REMEDIATION GRADING THAT MAY BE REQUIRED  
FOR THE PROJECT. BEST PRACTICE  
RECOMMENDATIONS



**PASCO LARET SUITER & ASSOCIATES**  
CIVIL ENGINEERING • LAND PLANNING • LAND SURVEYING  
535 North Highway 101, Ste A, Solana Beach, CA 92075  
ph 858.259.8212 | fx 858.259.4812 | p[lan]n[ing]@psl[eng]n[eer]i[ng].co

DATE PREPARED: 8/27/2015



ATTACHMENT B

COUNT DATA



**LOS Engineering, Inc.**  
**Traffic and Transportation**

11622 El Camino Real, Suite 100, San Diego, CA 92130  
Phone 619-890-1253, Fax 619-374-7247

February 3, 2016

Mr. John DeWald  
1855 Freda Ln  
Cardiff, CA 92007

Dear Mr. DeWald:

This report summarizes the collection of traffic data over a two year period from various residential streets in Solana Beach, California.

The daily traffic volumes and locations of data collection are shown on the next page. The data collection sheets are included along with a calendar of events that occurred at the Del Mar Fairgrounds during the data collection.

If you have any questions regarding this summary of traffic data, please call me at (619) 890-1253.

Sincerely,  
**LOS Engineering, Inc.**

Justin Rasas, P.E.(60690), PTOE  
Principal and Officer of LOS Engineering, Inc.

## Daily Traffic Volumes by Location

<u>Date and Summary</u>	<u>Marine View Ave</u> San Andres Dr to Solana Dr	<u>Genevieve St</u> Marine View to I-5	<u>Las Banderas Dr</u> Lomas Santa Fe to San Andres Dr	<u>Marine View Ave</u> Los Caballitos to Genevieve St	<u>Highland Dr</u> Solana Dr to San Andres Dr
Wednesday, May 7, 2014	1,258	37		221	
Tuesday, July 29, 2014		31		181	
Wednesday, July 30, 2014	1,152				
Saturday, November 15, 2014	583			172	1,383
Sunday, November 16, 2014	747			123	1,205
Monday, November 17, 2014	1,312			248	1,786
Tuesday, November 18, 2014	1,204			227	1,969
Wednesday, November 19, 2014	1,245			247	1,981
Thursday, November 20, 2014	1,233			213	1,908
Friday, November 21, 2014	1,321			229	2,015
Monday, February 23, 2015	1,322			235	1,402
Tuesday, February 24, 2015	1,277			167	1,663
Wednesday, February 25, 2015	1,330			293	1,572
Thursday, February 26, 2015	1,222			304	1,679
Friday, February 27, 2015	1,264			248	1,704
Saturday, February 28, 2015	721			288	1,395
Sunday, March 1, 2015	592			284	893
Monday, June 29, 2015	1,092			231	1,203
Tuesday, June 30, 2015	1,174			245	1,414
Wednesday, July 1, 2015	1,115			226	1,352
Thursday, July 2, 2015	1,242			239	1,436
Friday, July 3, 2015	1,025			259	1,333
Saturday, July 4, 2015	833			274	1,220
Sunday, July 5, 2015	527			185	875
Wednesday, November 18, 2015			3,936		
Thursday, November 19, 2015			4,095		
<b>Highest Daily Traffic Volume</b>	<b>1,330</b>	<b>37</b>	<b>4,095</b>	<b>304</b>	<b>2,015</b>
<b>Lowest Daily Traffic Volume</b>	<b>527</b>	<b>31</b>	<b>3,936</b>	<b>123</b>	<b>875</b>
<b>Average Daily Traffic Volume</b>	<b>1,078</b>	<b>34</b>	<b>4,016</b>	<b>232</b>	<b>1,495</b>

Daily traffic volumes = 24 hour count.

Location

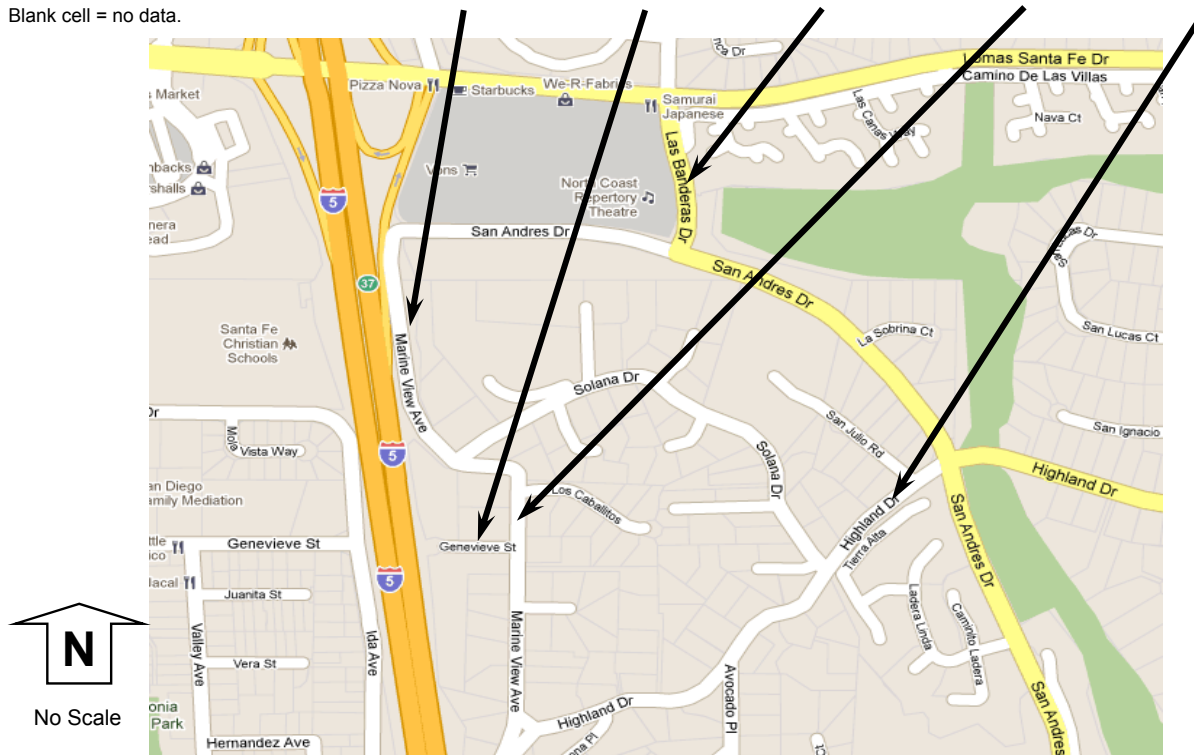
Location

Location

Location

Location

Blank cell = no data.



Source: Googlemaps

**Marine View Ave (from San Andres Dr to Solana Dr)**



















MARINE VIEW BTN SAN ANDRES & SOLANA

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	0	0			12:00	30	18		
00:15	0	0			12:15	9	15		
00:30	0	1			12:30	16	8		
00:45	1	1	0	1	12:45	13	68	11	52
01:00	0	0			13:00	12	16		
01:15	0	0			13:15	10	10		
01:30	0	0			13:30	9	12		
01:45	0	0	0	0	13:45	11	42	10	48
02:00	1	0			14:00	12	13		
02:15	0	0			14:15	13	19		
02:30	0	0			14:30	11	12		
02:45	0	1	0	0	14:45	20	56	12	56
03:00	0	0			15:00	30	24		
03:15	0	0			15:15	32	22		
03:30	0	0			15:30	18	6		
03:45	0	0	0	0	15:45	32	112	15	67
04:00	1	0			16:00	33	9		
04:15	1	0			16:15	8	12		
04:30	0	0			16:30	15	6		
04:45	0	2	0	0	16:45	12	68	8	35
05:00	0	0			17:00	12	9		
05:15	0	0			17:15	11	4		
05:30	2	1			17:30	4	5		
05:45	1	3	1	2	17:45	10	37	4	22
06:00	0	0			18:00	12	3		
06:15	1	0			18:15	6	6		
06:30	7	1			18:30	1	4		
06:45	1	9	9	10	18:45	6	25	7	20
07:00	6	10			19:00	1	2		
07:15	3	10			19:15	2	0		
07:30	3	7			19:30	2	1		
07:45	9	21	15	42	19:45	3	8	1	4
08:00	10	22			20:00	1	0		
08:15	26	32			20:15	2	2		
08:30	23	32			20:30	1	3		
08:45	16	75	19	105	20:45	2	6	3	8
09:00	9	17			21:00	1	3		
09:15	9	12			21:15	1	2		
09:30	6	11			21:30	1	1		
09:45	14	38	10	50	21:45	0	3	3	9
10:00	6	11			22:00	1	1		
10:15	8	10			22:15	0	1		
10:30	5	7			22:30	0	1		
10:45	7	26	8	36	22:45	0	1	1	4
11:00	7	8			23:00	0	1		
11:15	20	16			23:15	0	0		
11:30	26	16			23:30	1	0		
11:45	20	73	32	72	23:45	0	1	1	2

<b>Total Vol.</b>	249	318			<b>567</b>		427	327			<b>754</b>
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					Daily Totals				
					NB	SB	EB	WB	Combined
					676	645			1321

	AM				PM			
<b>Split %</b>	43.9%	56.1%	<b>42.9%</b>		56.6%	43.4%	<b>57.1%</b>	
<b>Peak Hour</b>	11:15	08:00	<b>08:00</b>		15:15	14:30	<b>15:00</b>	
<b>Volume</b>	96	105	<b>180</b>		115	70	<b>179</b>	
<b>P.H.F.</b>	0.80	0.82	<b>0.78</b>		0.89	0.73	<b>0.83</b>	

MARINE VIEW BTN SAN ANDRES & SOLOANA

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	0	0			12:00	15	9		
00:15	0	0			12:15	11	13		
00:30	0	0			12:30	12	15		
00:45	0	0	0		12:45	19	57	21	58
01:00	0	0			13:00	10	11		
01:15	0	0			13:15	8	15		
01:30	0	0			13:30	10	13		
01:45	0	0	0		13:45	11	39	18	57
02:00	1	0			14:00	9	9		
02:15	0	0			14:15	13	22		
02:30	0	0			14:30	26	19		
02:45	0	1	0	0	14:45	19	67	20	70
03:00	0	0			15:00	29	15		
03:15	0	0			15:15	5	17		
03:30	0	0			15:30	12	14		
03:45	0	0	0	0	15:45	16	62	11	57
04:00	0	0			16:00	13	12		
04:15	0	0			16:15	15	5		
04:30	0	0			16:30	11	5		
04:45	0	0	0	0	16:45	10	49	9	31
05:00	0	0			17:00	15	11		
05:15	5	0			17:15	12	10		
05:30	0	0			17:30	9	18		
05:45	0	5	0	0	17:45	6	42	17	56
06:00	3	0			18:00	13	12		
06:15	0	4			18:15	7	8		
06:30	1	3			18:30	5	8		
06:45	2	6	2	9	18:45	13	38	2	30
07:00	2	5			19:00	20	2		
07:15	4	9			19:15	10	6		
07:30	3	10			19:30	4	0		
07:45	6	15	16	40	19:45	0	34	5	13
08:00	9	18			20:00	1	2		
08:15	22	25			20:15	0	3		
08:30	28	36			20:30	1	5		
08:45	24	83	20	99	20:45	3	5	2	12
09:00	6	22			21:00	1	2		
09:15	14	14			21:15	2	3		
09:30	13	8			21:30	1	1		
09:45	4	37	14	58	21:45	2	6	2	8
10:00	7	15			22:00	4	1		
10:15	6	4			22:15	1	1		
10:30	14	12			22:30	0	0		
10:45	9	36	7	38	22:45	2	7	1	3
11:00	9	13			23:00	0	1		
11:15	11	12			23:15	2	2		
11:30	11	11			23:30	1	1		
11:45	13	44	6	42	23:45	0	3	1	5
<b>Total Vol.</b>	<b>227</b>	<b>286</b>			<b>513</b>	<b>409</b>	<b>400</b>		<b>809</b>
								<b>Daily Totals</b>	
						<b>NB</b>	<b>SB</b>	<b>EB</b>	<b>WB</b>
						636	686		
									<b>Combined</b>
									1322
								<b>AM</b>	<b>PM</b>
<b>Split %</b>	44.2%	55.8%				50.6%	49.4%		
									<b>61.2%</b>
<b>Peak Hour</b>	08:00	08:15				14:15	14:15		
									<b>14:15</b>
<b>Volume</b>	83	103				87	76		
									<b>163</b>
<b>P.H.F.</b>	0.74	0.72				0.74	0.86		
									<b>0.91</b>

MARINE VIEW BTN SAN ANDRES & SOLOANA

AM Period				PM Period										
NB	SB	EB	WB	NB	SB	EB	WB							
00:00	0	0		12:00	18	11								
00:15	0	0		12:15	9	16								
00:30	0	0		12:30	16	13								
00:45	0	0	0	12:45	15	58	10	50	108					
01:00	0	0		13:00	7	6								
01:15	0	0		13:15	3	10								
01:30	0	0		13:30	11	10								
01:45	0	0	0	13:45	10	31	15	41	72					
02:00	0	1		14:00	11	10								
02:15	0	0		14:15	10	17								
02:30	0	0		14:30	21	13								
02:45	0	0	1	2	14:45	14	56	17	57	113				
03:00	1	0		15:00	26	16								
03:15	0	0		15:15	22	14								
03:30	0	0		15:30	15	4								
03:45	0	1	0	0	15:45	7	70	12	46	116				
04:00	0	0		16:00	15	11								
04:15	0	0		16:15	13	7								
04:30	0	0		16:30	7	8								
04:45	0	0	0	16:45	9	44	11	37	81					
05:00	0	0		17:00	18	7								
05:15	2	1		17:15	17	9								
05:30	2	0		17:30	15	5								
05:45	1	5	0	1	17:45	11	61	4	25	86				
06:00	1	1		18:00	9	11								
06:15	0	4		18:15	2	12								
06:30	1	4		18:30	6	1								
06:45	2	4	4	13	17	18:45	5	22	7	31	53			
07:00	4	3		19:00	12	9								
07:15	3	13		19:15	4	5								
07:30	11	15		19:30	2	1								
07:45	4	22	22	53	75	19:45	1	19	5	20	39			
08:00	5	17		20:00	8	4								
08:15	30	35		20:15	1	5								
08:30	34	33		20:30	5	4								
08:45	21	90	27	112	202	20:45	5	19	3	16	35			
09:00	8	24		21:00	7	4								
09:15	10	12		21:15	1	2								
09:30	14	4		21:30	0	4								
09:45	6	38	10	50	88	21:45	0	8	2	12	20			
10:00	7	10		22:00	2	2								
10:15	7	12		22:15	0	0								
10:30	11	4		22:30	3	2								
10:45	4	29	6	32	61	22:45	0	5	1	5	10			
11:00	18	0		23:00	1	1								
11:15	10	14		23:15	0	1								
11:30	12	14		23:30	1	2								
11:45	11	51	6	34	85	23:45	1	3	0	4	7			
<b>Total Vol.</b>	<b>240</b>	<b>297</b>		<b>537</b>	<b>396</b>	<b>344</b>				<b>740</b>				
				<b>Daily Totals</b>										
				NB		SB		EB		WB		Combined		
				636		641						1277		
<b>Split %</b>				<b>AM</b>				<b>PM</b>						
				44.7%		55.3%		42.1%		53.5%		46.5%		57.9%
<b>Peak Hour</b>				08:15		08:15		08:15		14:30		14:15		14:30
<b>Volume</b>				93		119		212		83		63		143
<b>P.H.F.</b>				0.68		0.85		0.79		0.84		0.93		0.85

MARINE VIEW BTN SAN ANDRES & SOLOANA

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	0	0			12:00	11	8		
00:15	0	1			12:15	8	15		
00:30	0	1			12:30	9	10		
00:45	0	0	1	3	12:45	5	33	9	42
01:00	0	0			13:00	16	15		
01:15	0	0			13:15	8	8		
01:30	0	0			13:30	4	11		
01:45	0	0	0	0	13:45	11	39	16	50
02:00	1	0			14:00	11	14		
02:15	0	0			14:15	11	23		
02:30	1	2			14:30	28	20		
02:45	1	3	0	2	14:45	19	69	23	80
03:00	0	0			15:00	28	11		
03:15	0	0			15:15	13	9		
03:30	1	1			15:30	8	4		
03:45	0	1	0	1	15:45	6	55	11	35
04:00	0	0			16:00	14	9		
04:15	0	0			16:15	12	10		
04:30	0	0			16:30	15	11		
04:45	0	0	0	0	16:45	16	57	11	41
05:00	0	0			17:00	16	10		
05:15	1	0			17:15	10	12		
05:30	1	0			17:30	13	8		
05:45	1	3	0	0	17:45	14	53	6	36
06:00	1	0			18:00	9	16		
06:15	1	2			18:15	7	17		
06:30	2	5			18:30	5	8		
06:45	0	4	4	11	18:45	2	23	8	49
07:00	7	3			19:00	4	9		
07:15	5	10			19:15	6	7		
07:30	5	6			19:30	7	5		
07:45	2	19	15	34	19:45	6	23	3	24
08:00	3	28			20:00	16	5		
08:15	37	31			20:15	9	4		
08:30	23	37			20:30	13	4		
08:45	22	85	26	122	20:45	1	39	5	18
09:00	27	16			21:00	0	1		
09:15	10	14			21:15	3	3		
09:30	13	7			21:30	3	1		
09:45	8	58	12	49	21:45	4	10	3	8
10:00	5	9			22:00	0	1		
10:15	8	3			22:15	1	0		
10:30	6	7			22:30	1	1		
10:45	10	29	12	31	22:45	1	3	0	2
11:00	12	10			23:00	0	0		
11:15	7	15			23:15	0	1		
11:30	15	6			23:30	0	1		
11:45	10	44	9	40	23:45	0	0	0	2

**Total Vol.** 246 293 **539** 404 387 **791**

Daily Totals				
NB	SB	EB	WB	Combined
650	680			1330

Split %	AM			PM		
	45.6%	54.4%	40.5%	51.1%	48.9%	59.5%
<b>Peak Hour</b>	08:15	08:00	<b>08:15</b>	14:30	14:00	<b>14:15</b>
<b>Volume</b>	109	122	<b>219</b>	88	80	<b>163</b>
<b>P.H.F.</b>	0.74	0.82	<b>0.81</b>	0.92	0.87	<b>0.85</b>





MARINE VIEW BTN SAN ANDRES & SOLOANA

AM Period				PM Period							
NB	SB	EB	WB	NB	SB	EB	WB				
00:00	1	1		12:00	12	16					
00:15	1	0		12:15	11	13					
00:30	0	0		12:30	18	17					
00:45	1	3	2	3	6	12:45	12	53	10	56	109
01:00	0	0		13:00	10	9					
01:15	0	0		13:15	7	8					
01:30	0	1		13:30	3	6					
01:45	0	0	0	1	13:45	13	33	12	35	68	
02:00	0	1		14:00	14	13					
02:15	0	0		14:15	17	22					
02:30	0	0		14:30	20	13					
02:45	0	0	0	1	14:45	15	66	21	69	135	
03:00	0	0		15:00	18	10					
03:15	0	0		15:15	19	4					
03:30	0	0		15:30	13	13					
03:45	0	0	0	0	15:45	9	59	10	37	96	
04:00	0	0		16:00	12	10					
04:15	0	0		16:15	20	10					
04:30	1	0		16:30	12	8					
04:45	1	2	0	0	2	16:45	10	54	9	37	91
05:00	0	0		17:00	18	12					
05:15	0	0		17:15	14	11					
05:30	0	1		17:30	13	6					
05:45	1	1	0	1	2	17:45	8	53	7	36	89
06:00	1	0		18:00	9	6					
06:15	1	3		18:15	3	3					
06:30	1	6		18:30	1	3					
06:45	3	6	5	14	20	18:45	5	18	9	21	39
07:00	3	5		19:00	4	6					
07:15	5	4		19:15	4	4					
07:30	5	17		19:30	4	1					
07:45	7	20	19	45	65	19:45	7	19	4	15	34
08:00	8	15		20:00	1	1					
08:15	34	28		20:15	3	7					
08:30	27	39		20:30	4	7					
08:45	23	92	30	112	204	20:45	7	15	9	24	39
09:00	16	21		21:00	4	1					
09:15	13	7		21:15	0	2					
09:30	9	9		21:30	0	3					
09:45	7	45	14	51	96	21:45	1	5	2	8	13
10:00	5	5		22:00	4	2					
10:15	5	12		22:15	1	3					
10:30	6	16		22:30	0	1					
10:45	5	21	11	44	65	22:45	1	6	1	7	13
11:00	11	3		23:00	0	0					
11:15	10	6		23:15	1	0					
11:30	16	8		23:30	0	0					
11:45	10	47	8	25	72	23:45	2	3	1	1	4
<b>Total Vol.</b>	237	297		<b>534</b>		384	346				<b>730</b>
				<b>Daily Totals</b>							
				NB	SB	EB	WB	Combined			
				621	643			1264			
<b>Split %</b>				<b>AM</b>				<b>PM</b>			
				44.4%	55.6%	<b>42.2%</b>	52.6%	47.4%	<b>57.8%</b>		
<b>Peak Hour</b>	08:15	08:15		<b>08:15</b>		14:30	14:00		<b>14:15</b>		
<b>Volume</b>	100	118		<b>218</b>		72	69		<b>136</b>		
<b>P.H.F.</b>	0.74	0.76		<b>0.83</b>		0.89	0.78		<b>0.87</b>		

MARINE VIEW BTN SAN ANDRES & SOLOANA

AM Period				PM Period							
NB	SB	EB	WB	NB	SB	EB	WB				
00:00	1	2		12:00	4	6					
00:15	0	2		12:15	8	7					
00:30	0	2		12:30	6	11					
00:45	2	3	1	7	10	12:45	6	24	6	30	54
01:00	0	1		13:00	7	7					
01:15	1	0		13:15	4	8					
01:30	0	1		13:30	5	7					
01:45	1	2	0	2	4	13:45	5	21	5	27	48
02:00	1	1		14:00	7	9					
02:15	0	0		14:15	4	11					
02:30	0	0		14:30	4	7					
02:45	1	2	0	1	3	14:45	3	18	4	31	49
03:00	0	0		15:00	8	7					
03:15	0	0		15:15	5	7					
03:30	0	0		15:30	6	6					
03:45	0	0	0	0	5	15:45	5	24	9	29	53
04:00	0	0		16:00	8	9					
04:15	0	0		16:15	5	7					
04:30	0	0		16:30	3	6					
04:45	1	1	0	0	1	16:45	2	18	7	29	47
05:00	1	0		17:00	4	7					
05:15	1	0		17:15	3	12					
05:30	1	1		17:30	4	13					
05:45	0	3	1	2	5	17:45	4	15	5	37	52
06:00	1	0		18:00	9	14					
06:15	0	2		18:15	5	10					
06:30	2	3		18:30	4	8					
06:45	0	3	0	5	8	18:45	6	24	4	36	60
07:00	4	0		19:00	8	4					
07:15	4	2		19:15	9	8					
07:30	3	2		19:30	8	4					
07:45	4	15	3	7	22	19:45	8	33	2	18	51
08:00	5	0		20:00	9	5					
08:15	4	5		20:15	4	6					
08:30	0	4		20:30	4	7					
08:45	6	15	9	18	33	20:45	6	23	0	18	41
09:00	9	5		21:00	2	5					
09:15	6	8		21:15	2	5					
09:30	1	4		21:30	6	2					
09:45	4	20	7	24	44	21:45	2	12	1	13	25
10:00	2	6		22:00	1	2					
10:15	2	2		22:15	3	1					
10:30	7	6		22:30	1	0					
10:45	14	25	7	21	46	22:45	0	5	0	3	8
11:00	9	4		23:00	2	1					
11:15	3	7		23:15	0	1					
11:30	9	6		23:30	0	0					
11:45	7	28	5	22	50	23:45	1	3	2	4	7
<b>Total Vol.</b>	117	109		<b>226</b>		220	275				<b>495</b>
						<b>Daily Totals</b>					
						NB	SB	EB	WB	<b>Combined</b>	
						337	384			<b>721</b>	
						<b>Split %</b>					
						<b>AM</b>		<b>PM</b>			
<b>Split %</b>	51.8%	48.2%		<b>31.3%</b>		44.4%	55.6%			<b>68.7%</b>	
<b>Peak Hour</b>	10:45	11:45		<b>10:45</b>		19:15	17:15			<b>17:15</b>	
<b>Volume</b>	35	29		<b>59</b>		34	44			<b>64</b>	
<b>P.H.F.</b>	0.63	0.66		<b>0.70</b>		0.92	0.79			<b>0.70</b>	







WEDNESDAY 7/1/15

CITY: SOLANA BEACH

PROJECT: PDT15-0703-01

ADT01-MARINE VIEW-SAN ANDRES & SOLANA DR

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB		
00:00	0	0			12:00	36	14				
00:15	1	0			12:15	13	6				
00:30	0	2			12:30	5	8				
00:45	0	1	0	2	3	12:45	16	70	19	47	117
01:00	0	0			13:00	16	9				
01:15	0	1			13:15	6	11				
01:30	0	0			13:30	14	17				
01:45	0	0	0	1	1	13:45	7	43	6	43	86
02:00	0	0			14:00	9	6				
02:15	0	0			14:15	5	13				
02:30	0	0			14:30	14	6				
02:45	0	0	0	0	14:45	9	37	9	34	71	
03:00	0	0			15:00	15	10				
03:15	0	0			15:15	8	8				
03:30	0	0			15:30	14	7				
03:45	0	0	0	0	15:45	10	47	10	35	82	
04:00	0	0			16:00	14	11				
04:15	0	0			16:15	19	12				
04:30	0	0			16:30	11	11				
04:45	0	0	0	0	16:45	17	61	19	53	114	
05:00	0	0			17:00	41	8				
05:15	0	1			17:15	8	8				
05:30	1	0			17:30	11	5				
05:45	1	2	2	3	5	17:45	8	68	11	32	100
06:00	3	0			18:00	4	6				
06:15	2	0			18:15	4	5				
06:30	0	5			18:30	6	10				
06:45	3	8	6	11	19	18:45	3	17	6	27	44
07:00	2	8			19:00	6	5				
07:15	3	5			19:15	6	2				
07:30	7	17			19:30	1	7				
07:45	7	19	28	58	77	19:45	5	18	3	17	35
08:00	18	13			20:00	3	3				
08:15	11	11			20:15	6	2				
08:30	12	17			20:30	2	2				
08:45	11	52	12	53	105	20:45	4	15	3	10	25
09:00	5	15			21:00	2	5				
09:15	9	12			21:15	1	3				
09:30	7	10			21:30	2	0				
09:45	7	28	6	43	71	21:45	1	6	2	10	16
10:00	5	9			22:00	0	1				
10:15	3	7			22:15	3	3				
10:30	7	5			22:30	0	3				
10:45	8	23	6	27	50	22:45	1	4	1	8	12
11:00	12	9			23:00	4	0				
11:15	6	8			23:15	1	1				
11:30	6	10			23:30	0	1				
11:45	9	33	14	41	74	23:45	1	6	0	2	8

**Total Vol.** 166 239 **405** 392 318 **710**

Daily Totals				
NB	SB	EB	WB	Combined
558	557			1115

Split %	AM			PM		
	41.0%	59.0%	36.3%	55.2%	44.8%	63.7%
<b>Peak Hour</b>	11:30	07:30	<b>07:45</b>	16:15	12:45	<b>16:15</b>
<b>Volume</b>	64	69	<b>117</b>	88	56	<b>138</b>
<b>P.H.F.</b>	0.44	0.62	<b>0.84</b>	0.84	0.74	<b>0.70</b>

THURSDAY 7/2/15

CITY: SOLANA BEACH

PROJECT: PDT15-0703-01

ADT01-MARINE VIEW-SAN ANDRES & SOLANA DR

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB		
00:00	0	0			12:00	31	24				
00:15	0	0			12:15	7	14				
00:30	0	4			12:30	9	8				
00:45	0	0	1	5	5	12:45	8	55	19	65	120
01:00	0	1			13:00	26	15				
01:15	0	0			13:15	13	10				
01:30	0	0			13:30	14	12				
01:45	0	0	0	1	1	13:45	9	62	10	47	109
02:00	0	0			14:00	15	16				
02:15	0	0			14:15	8	15				
02:30	0	0			14:30	13	7				
02:45	0	0	0	0	14:45	13	49	21	59	108	
03:00	0	0			15:00	11	5				
03:15	0	0			15:15	13	16				
03:30	0	0			15:30	15	6				
03:45	0	0	0	0	15:45	7	46	5	32	78	
04:00	0	0			16:00	18	7				
04:15	0	0			16:15	15	6				
04:30	0	0			16:30	17	10				
04:45	0	0	0	0	16:45	15	65	12	35	100	
05:00	0	0			17:00	30	7				
05:15	0	0			17:15	15	10				
05:30	0	0			17:30	9	9				
05:45	3	3	1	1	4	17:45	5	59	9	35	94
06:00	2	0			18:00	6	3				
06:15	2	3			18:15	9	6				
06:30	0	5			18:30	4	10				
06:45	5	9	4	12	21	18:45	8	27	4	23	50
07:00	2	10			19:00	8	10				
07:15	3	11			19:15	6	12				
07:30	6	19			19:30	6	5				
07:45	5	16	32	72	88	19:45	9	29	4	31	60
08:00	17	16			20:00	6	5				
08:15	11	12			20:15	2	2				
08:30	14	10			20:30	2	7				
08:45	10	52	10	48	100	20:45	8	18	5	19	37
09:00	6	11			21:00	4	4				
09:15	9	6			21:15	7	6				
09:30	10	9			21:30	4	7				
09:45	8	33	11	37	70	21:45	4	19	3	20	39
10:00	8	7			22:00	0	1				
10:15	5	5			22:15	2	7				
10:30	7	3			22:30	1	0				
10:45	14	34	8	23	57	22:45	1	4	2	10	14
11:00	8	9			23:00	1	0				
11:15	12	8			23:15	0	0				
11:30	9	14			23:30	0	0				
11:45	8	37	15	46	83	23:45	2	3	1	1	4

**Total Vol.** 184 245 **429** 436 377 **813**

Daily Totals				
NB	SB	EB	WB	Combined
620	622			1242

Split %	AM			PM		
	42.9%	57.1%	34.5%	53.6%	46.4%	65.5%
<b>Peak Hour</b>	11:15	07:30	<b>11:30</b>	16:15	12:00	<b>12:00</b>
<b>Volume</b>	60	79	<b>122</b>	77	65	<b>120</b>
<b>P.H.F.</b>	0.48	0.62	<b>0.55</b>	0.91	0.68	<b>0.55</b>



FRIDAY 7/3/15

CITY: SOLANA BEACH

PROJECT: PDT15-0703-01

ADT01-MARINE VIEW-SAN ANDRES & SOLANA DR

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB		
00:00	0	0			12:00	24	22				
00:15	0	0			12:15	18	17				
00:30	0	0			12:30	6	11				
00:45	1	1	1	1	2	12:45	12	60	11	61	121
01:00	0	0			13:00	19	23				
01:15	0	0			13:15	10	11				
01:30	0	0			13:30	10	9				
01:45	0	0	1	1	1	13:45	7	46	5	48	94
02:00	1	1			14:00	8	7				
02:15	0	0			14:15	6	12				
02:30	0	1			14:30	5	7				
02:45	0	1	0	2	3	14:45	10	29	9	35	64
03:00	0	0			15:00	14	6				
03:15	0	0			15:15	14	13				
03:30	0	0			15:30	5	12				
03:45	0	0	0	0	15:45	12	45	7	38	83	
04:00	0	0			16:00	9	8				
04:15	0	0			16:15	8	10				
04:30	0	0			16:30	6	8				
04:45	0	0	0	0	16:45	6	29	13	39	68	
05:00	0	0			17:00	21	7				
05:15	0	0			17:15	10	10				
05:30	0	0			17:30	8	8				
05:45	0	0	0	0	17:45	1	40	7	32	72	
06:00	3	2			18:00	6	8				
06:15	0	1			18:15	2	7				
06:30	2	1			18:30	6	4				
06:45	1	6	3	7	13	18:45	6	20	10	29	49
07:00	4	3			19:00	6	10				
07:15	2	6			19:15	2	5				
07:30	2	15			19:30	9	11				
07:45	7	15	17	41	56	19:45	4	21	6	32	53
08:00	12	6			20:00	5	7				
08:15	5	1			20:15	1	1				
08:30	4	4			20:30	4	3				
08:45	8	29	8	19	48	20:45	3	13	4	15	28
09:00	14	10			21:00	4	15				
09:15	5	6			21:15	4	4				
09:30	7	9			21:30	4	3				
09:45	10	36	6	31	67	21:45	3	15	4	26	41
10:00	5	6			22:00	1	2				
10:15	6	12			22:15	3	2				
10:30	10	8			22:30	0	0				
10:45	14	35	12	38	73	22:45	0	4	1	5	9
11:00	10	8			23:00	2	0				
11:15	12	5			23:15	1	1				
11:30	7	5			23:30	0	1				
11:45	14	43	14	32	75	23:45	0	3	0	2	5

**Total Vol.** 166 172 **338** 325 362 **687**

Daily Totals		EB	WB	Combined
NB	SB			
491	534			1025

Split %	AM			PM		
	49.1%	50.9%	33.0%	47.3%	52.7%	67.0%
Peak Hour	11:30	11:45	11:45	12:00	12:15	12:00
Volume	63	64	126	60	62	121
P.H.F.	0.66	0.73	0.68	0.56	0.67	0.66





**Genevieve St (from Marine View to I-5)**

GENEVIEVE (West of Marine View)

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			0	0	12:00			0	0			
00:15			0	0	12:15			0	0			
00:30			0	0	12:30			0	1			
00:45			0	0	12:45			1	1	0	1	2
01:00			0	0	13:00			1	1			
01:15			0	0	13:15			0	0			
01:30			0	0	13:30			0	0			
01:45			0	0	13:45			0	1	0	1	2
02:00			0	0	14:00			0	0			
02:15			0	0	14:15			0	0			
02:30			0	0	14:30			0	0			
02:45			0	0	14:45			0	0	3	3	3
03:00			0	0	15:00			0	0			
03:15			0	0	15:15			0	0			
03:30			0	0	15:30			0	1			
03:45			0	0	15:45			3	3	1	2	5
04:00			0	0	16:00			0	0			
04:15			0	0	16:15			1	1			
04:30			0	0	16:30			2	0			
04:45			0	0	16:45			2	5	0	1	6
05:00			1	0	17:00			1	1			
05:15			0	0	17:15			0	0			
05:30			0	0	17:30			1	0			
05:45			0	1	17:45			0	2	0	1	3
06:00			0	0	18:00			0	0			
06:15			0	0	18:15			0	0			
06:30			0	0	18:30			0	0			
06:45			0	0	18:45			0	0	0	0	
07:00			0	0	19:00			0	0			
07:15			0	0	19:15			0	0			
07:30			2	1	19:30			0	1			
07:45			1	3	19:45			0	0	0	1	1
08:00			0	0	20:00			0	1			
08:15			0	0	20:15			0	0			
08:30			0	0	20:30			0	0			
08:45			0	0	20:45			0	0	0	1	1
09:00			0	1	21:00			0	0			
09:15			0	2	21:15			0	0			
09:30			0	0	21:30			0	0			
09:45			2	2	21:45			0	0	0	0	
10:00			0	0	22:00			0	0			
10:15			0	0	22:15			0	0			
10:30			0	0	22:30			0	0			
10:45			0	0	22:45			0	0	0	0	
11:00			0	0	23:00			0	0			
11:15			0	1	23:15			0	0			
11:30			0	0	23:30			0	0			
11:45			1	1	23:45			0	0	0	0	

<b>Total Vol.</b>			7	7	14			12	11	23
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		Daily Totals				
		NB	SB	EB	WB	Combined
				19	18	37

	AM			PM		
<b>Split %</b>	50.0%	50.0%	<b>37.8%</b>	52.2%	47.8%	<b>62.2%</b>
<b>Peak Hour</b>	07:00	08:30	<b>09:00</b>	15:45	14:45	<b>15:45</b>
<b>Volume</b>	3	4	<b>6</b>	6	4	<b>8</b>
<b>P.H.F.</b>	0.38	0.50	<b>0.50</b>	0.50	0.33	<b>0.50</b>

GENEVIEVE W-O MARINE VIEW

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00			0	0	12:00			1	0
00:15			0	0	12:15			0	0
00:30			0	0	12:30			0	0
00:45			0	0	12:45			0	1
01:00			0	0	13:00			0	0
01:15			0	0	13:15			1	0
01:30			0	0	13:30			0	0
01:45			0	0	13:45			0	1
02:00			0	0	14:00			0	0
02:15			0	0	14:15			0	1
02:30			0	0	14:30			0	0
02:45			0	0	14:45			0	0
03:00			0	0	15:00			0	3
03:15			0	0	15:15			1	1
03:30			0	0	15:30			0	0
03:45			0	0	15:45			0	1
04:00			0	0	16:00			0	0
04:15			0	0	16:15			1	1
04:30			0	0	16:30			0	0
04:45			0	0	16:45			1	2
05:00			0	0	17:00			1	0
05:15			0	0	17:15			2	0
05:30			0	0	17:30			0	0
05:45			0	0	17:45			0	3
06:00			0	0	18:00			0	1
06:15			0	0	18:15			1	0
06:30			0	0	18:30			0	1
06:45			0	0	18:45			0	1
07:00			0	0	19:00			0	1
07:15			0	0	19:15			1	0
07:30			0	1	19:30			0	1
07:45			0	0	19:45			0	1
08:00			3	1	20:00			1	0
08:15			0	0	20:15			0	0
08:30			0	0	20:30			0	0
08:45			0	3	20:45			0	1
09:00			0	0	21:00			0	0
09:15			0	0	21:15			0	0
09:30			0	0	21:30			0	0
09:45			0	0	21:45			1	1
10:00			0	0	22:00			0	1
10:15			0	0	22:15			0	0
10:30			0	0	22:30			0	0
10:45			0	0	22:45			0	0
11:00			0	0	23:00			0	0
11:15			1	0	23:15			0	0
11:30			0	0	23:30			0	0
11:45			0	1	23:45			0	0

**Total Vol.** 4 3 7 12 12 24

**Daily Totals**

NB	SB	EB	WB	Combined
		16	15	31

**AM**

**PM**

Split %	57.1%	42.9%	22.6%	50.0%	50.0%	77.4%
<b>Peak Hour</b>	07:15	06:45	07:15	16:30	14:15	14:30
<b>Volume</b>	3	2	5	4	4	5
<b>P.H.F.</b>	0.25	0.50	0.31	0.50	0.33	0.42

**Marine View Ave (from Los Caballitos to Genevieve St)**





MARINE VIEW BTN SOLANA DR & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB		
00:00	0	0			12:00	1	2				
00:15	0	0			12:15	2	1				
00:30	0	1			12:30	1	0				
00:45	1	1	0	1	2	12:45	2	6	2	5	11
01:00	0	0			13:00	3	3				
01:15	0	0			13:15	1	0				
01:30	0	0			13:30	0	1				
01:45	1	1	0	0	1	13:45	5	9	0	4	13
02:00	0	0			14:00	1	1				
02:15	0	0			14:15	5	5				
02:30	0	0			14:30	2	0				
02:45	0	0	1	1	1	14:45	0	8	2	8	16
03:00	0	0			15:00	0	2				
03:15	0	0			15:15	1	3				
03:30	0	0			15:30	1	2				
03:45	0	0	1	1	1	15:45	2	4	1	8	12
04:00	1	0			16:00	2	3				
04:15	0	0			16:15	2	3				
04:30	0	0			16:30	1	2				
04:45	0	1	0	0	1	16:45	2	7	2	10	17
05:00	0	0			17:00	2	0				
05:15	0	0			17:15	0	3				
05:30	1	0			17:30	1	1				
05:45	0	1	0	0	1	17:45	1	4	0	4	8
06:00	0	0			18:00	2	3				
06:15	0	1			18:15	1	1				
06:30	1	1			18:30	1	0				
06:45	2	3	2	4	7	18:45	3	7	2	6	13
07:00	0	1			19:00	0	1				
07:15	1	0			19:15	1	2				
07:30	1	3			19:30	0	0				
07:45	1	3	1	5	8	19:45	1	2	0	3	5
08:00	4	2			20:00	0	0				
08:15	2	0			20:15	0	0				
08:30	3	2			20:30	1	0				
08:45	3	12	4	8	20	20:45	0	1	0	0	1
09:00	1	1			21:00	0	0				
09:15	2	1			21:15	0	0				
09:30	0	3			21:30	1	1				
09:45	4	7	1	6	13	21:45	0	1	0	1	2
10:00	1	1			22:00	0	0				
10:15	4	2			22:15	0	0				
10:30	0	0			22:30	0	1				
10:45	2	7	3	6	13	22:45	0	0	0	1	1
11:00	1	4			23:00	0	0				
11:15	1	1			23:15	1	0				
11:30	0	1			23:30	1	1				
11:45	1	3	2	8	11	23:45	0	2	0	1	3

**Total Vol.** 39 40 79 51 51 102

Daily Totals				
NB	SB	EB	WB	Combined
90	91			181

Split %	AM			PM		
	49.4%	50.6%	43.6%	50.0%	50.0%	56.4%
<b>Peak Hour</b>	08:00	08:45	08:00	13:45	16:00	13:45
<b>Volume</b>	12	9	20	13	10	19
<b>P.H.F.</b>	0.75	0.56	0.71	0.80	0.83	0.48

MARINE VIEW BTN LOS CABALITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	0	0			12:00	2	3		
00:15	0	0			12:15	1	1		
00:30	0	1			12:30	0	0		
00:45	0	0	0	1	12:45	1	4	1	5
01:00	0	0			13:00	2	1		
01:15	0	0			13:15	1	0		
01:30	0	0			13:30	1	0		
01:45	0	0	0	0	13:45	0	4	1	2
02:00	1	0			14:00	0	1		
02:15	0	0			14:15	1	1		
02:30	0	0			14:30	2	3		
02:45	0	1	0	0	14:45	0	3	2	7
03:00	0	0			15:00	0	2		
03:15	1	0			15:15	1	1		
03:30	1	1			15:30	0	1		
03:45	0	2	0	1	15:45	3	4	1	5
04:00	0	0			16:00	1	3		
04:15	0	0			16:15	2	0		
04:30	1	0			16:30	4	1		
04:45	0	1	0	0	16:45	5	12	4	8
05:00	0	0			17:00	2	2		
05:15	1	0			17:15	3	4		
05:30	0	0			17:30	2	2		
05:45	0	1	0	0	17:45	1	8	5	13
06:00	0	0			18:00	0	2		
06:15	0	0			18:15	0	1		
06:30	0	0			18:30	1	3		
06:45	1	1	0	0	18:45	1	2	1	7
07:00	0	0			19:00	2	1		
07:15	1	0			19:15	0	1		
07:30	0	0			19:30	0	0		
07:45	1	2	0	0	19:45	2	4	1	3
08:00	1	0			20:00	0	0		
08:15	2	0			20:15	1	0		
08:30	2	1			20:30	0	0		
08:45	3	8	2	3	20:45	0	1	0	0
09:00	4	2			21:00	1	0		
09:15	2	3			21:15	0	0		
09:30	1	2			21:30	0	0		
09:45	4	11	4	11	21:45	0	1	0	0
10:00	0	3			22:00	1	0		
10:15	2	4			22:15	0	0		
10:30	3	4			22:30	0	0		
10:45	4	9	2	13	22:45	2	3	0	0
11:00	0	5			23:00	0	0		
11:15	0	2			23:15	0	0		
11:30	1	1			23:30	0	0		
11:45	2	3	0	8	23:45	0	0	0	0

**Total Vol.** 39 37 76 46 50 96

Daily Totals				
NB	SB	EB	WB	Combined
85	87			172

	AM			PM		
<b>Split %</b>	51.3%	48.7%	<b>44.2%</b>	47.9%	52.1%	<b>55.8%</b>
<b>Peak Hour</b>	08:15	09:45	<b>09:45</b>	16:30	17:00	<b>16:30</b>
<b>Volume</b>	11	15	<b>24</b>	14	13	<b>25</b>
<b>P.H.F.</b>	0.69	0.94	<b>0.75</b>	0.65	0.65	<b>0.69</b>



MARINE VIEW BTN LOS CABALITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB		
00:00	0	0			12:00	3	0				
00:15	0	0			12:15	2	1				
00:30	0	0			12:30	0	0				
00:45	1	1	1	1	2	12:45	1	6	0	1	7
01:00	0	1			13:00	0	1				
01:15	0	0			13:15	1	1				
01:30	0	0			13:30	2	2				
01:45	0	0	0	1	1	13:45	1	4	1	5	9
02:00	0	0			14:00	1	3				
02:15	1	0			14:15	1	1				
02:30	0	0			14:30	3	2				
02:45	0	1	1	1	2	14:45	2	7	3	9	16
03:00	0	1			15:00	5	2				
03:15	1	0			15:15	2	2				
03:30	0	0			15:30	2	2				
03:45	1	2	0	1	3	15:45	1	10	1	7	17
04:00	0	0			16:00	6	4				
04:15	0	1			16:15	1	2				
04:30	0	0			16:30	1	3				
04:45	0	0	1	2	2	16:45	2	10	2	11	21
05:00	0	0			17:00	9	2				
05:15	1	0			17:15	5	4				
05:30	0	0			17:30	7	4				
05:45	0	1	0	0	1	17:45	5	26	5	15	41
06:00	2	1			18:00	4	5				
06:15	1	0			18:15	2	2				
06:30	1	1			18:30	1	3				
06:45	1	5	2	4	9	18:45	0	7	3	13	20
07:00	3	2			19:00	1	2				
07:15	3	1			19:15	1	1				
07:30	2	2			19:30	0	2				
07:45	1	9	2	7	16	19:45	0	2	1	6	8
08:00	2	4			20:00	0	0				
08:15	3	2			20:15	1	1				
08:30	2	5			20:30	1	0				
08:45	1	8	2	13	21	20:45	0	2	0	1	3
09:00	3	2			21:00	0	1				
09:15	1	2			21:15	1	0				
09:30	1	0			21:30	1	0				
09:45	2	7	1	5	12	21:45	2	4	1	2	6
10:00	1	3			22:00	0	0				
10:15	1	3			22:15	0	0				
10:30	2	0			22:30	0	1				
10:45	2	6	1	7	13	22:45	1	1	1	2	3
11:00	3	2			23:00	1	1				
11:15	2	1			23:15	0	2				
11:30	1	1			23:30	0	0				
11:45	1	7	0	4	11	23:45	0	1	0	3	4

**Total Vol.** 47 46 93 80 75 155

Daily Totals				
NB	SB	EB	WB	Combined
127	121			248

Split %	AM			PM		
	50.5%	49.5%	37.5%	51.6%	48.4%	62.5%
Peak Hour	06:45	07:45	07:45	17:00	17:15	17:00
Volume	9	13	21	26	18	41
P.H.F.	0.75	0.65	0.75	0.78	0.90	0.93

MARINE VIEW BTN LOS CABALITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	1	0			12:00	2	1		
00:15	0	0			12:15	1	0		
00:30	0	1			12:30	2	1		
00:45	0	1	0	1	12:45	1	6	0	2
01:00	0	0			13:00	1	1		
01:15	0	0			13:15	0	3		
01:30	0	0			13:30	2	1		
01:45	1	1	0	0	13:45	1	4	1	6
02:00	0	0			14:00	3	0		
02:15	0	0			14:15	1	3		
02:30	0	0			14:30	1	1		
02:45	0	0	0	0	14:45	3	8	3	7
03:00	0	0			15:00	4	2		
03:15	1	0			15:15	3	0		
03:30	0	1			15:30	4	2		
03:45	0	1	0	1	15:45	0	11	3	7
04:00	1	1			16:00	2	5		
04:15	0	1			16:15	1	5		
04:30	0	0			16:30	1	0		
04:45	0	1	2	4	16:45	2	6	1	11
05:00	0	0			17:00	11	2		
05:15	0	0			17:15	1	1		
05:30	0	0			17:30	2	6		
05:45	1	1	0	0	17:45	1	15	5	14
06:00	0	1			18:00	1	0		
06:15	1	0			18:15	0	4		
06:30	1	0			18:30	1	3		
06:45	2	4	3	4	18:45	0	2	1	8
07:00	6	2			19:00	1	2		
07:15	5	1			19:15	0	1		
07:30	2	4			19:30	0	1		
07:45	1	14	2	9	19:45	1	2	0	4
08:00	4	3			20:00	0	0		
08:15	1	4			20:15	0	1		
08:30	3	4			20:30	2	0		
08:45	1	9	6	17	20:45	0	2	0	1
09:00	2	2			21:00	2	0		
09:15	3	1			21:15	1	1		
09:30	1	0			21:30	0	3		
09:45	0	6	0	3	21:45	2	5	2	6
10:00	1	0			22:00	0	0		
10:15	1	1			22:15	0	0		
10:30	0	2			22:30	0	0		
10:45	1	3	1	4	22:45	1	1	1	1
11:00	2	2			23:00	0	0		
11:15	2	3			23:15	1	0		
11:30	1	1			23:30	0	0		
11:45	0	5	2	8	23:45	0	1	0	0

**Total Vol.** 46 51 97 63 67 130

Daily Totals				
NB	SB	EB	WB	Combined
109	118			227

	AM			PM		
Split %	47.4%	52.6%	<b>42.7%</b>	48.5%	51.5%	<b>57.3%</b>
Peak Hour	06:45	08:00	<b>08:00</b>	16:45	15:30	<b>17:00</b>
Volume	15	17	<b>26</b>	16	15	<b>29</b>
P.H.F.	0.63	0.71	<b>0.93</b>	0.34	0.75	<b>0.56</b>

MARINE VIEW BTN LOS CABALITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	1	0			12:00	1	2		
00:15	0	1			12:15	1	5		
00:30	0	0			12:30	1	5		
00:45	0	1	1	2	12:45	3	6	2	14
01:00	0	0			13:00	2	3		
01:15	1	1			13:15	2	2		
01:30	0	0			13:30	2	1		
01:45	0	1	0	1	13:45	1	7	1	7
02:00	0	1			14:00	2	2		
02:15	0	0			14:15	0	1		
02:30	0	0			14:30	2	0		
02:45	0	0	1	2	14:45	2	6	3	6
03:00	0	0			15:00	4	1		
03:15	0	1			15:15	4	2		
03:30	0	0			15:30	1	3		
03:45	0	0	0	1	15:45	3	12	0	6
04:00	1	0			16:00	5	1		
04:15	0	0			16:15	4	7		
04:30	0	0			16:30	1	2		
04:45	0	1	0	0	16:45	6	16	4	14
05:00	0	1			17:00	9	3		
05:15	0	0			17:15	7	5		
05:30	0	0			17:30	8	1		
05:45	1	1	1	2	17:45	3	27	2	11
06:00	0	0			18:00	2	4		
06:15	1	0			18:15	1	1		
06:30	0	1			18:30	0	2		
06:45	1	2	0	1	18:45	2	5	1	8
07:00	0	1			19:00	1	3		
07:15	3	1			19:15	0	2		
07:30	0	2			19:30	1	2		
07:45	3	6	3	7	19:45	0	2	0	7
08:00	2	1			20:00	0	1		
08:15	2	0			20:15	1	1		
08:30	1	2			20:30	1	0		
08:45	3	8	4	7	20:45	0	2	0	2
09:00	1	1			21:00	0	1		
09:15	1	1			21:15	1	1		
09:30	1	3			21:30	1	2		
09:45	3	6	1	6	21:45	0	2	2	6
10:00	1	2			22:00	0	0		
10:15	1	0			22:15	0	1		
10:30	4	1			22:30	1	0		
10:45	0	6	2	5	22:45	1	2	0	1
11:00	1	0			23:00	1	0		
11:15	2	1			23:15	1	0		
11:30	0	2			23:30	0	1		
11:45	1	4	2	5	23:45	0	2	0	1

**Total Vol.** 36 39 75 89 83 172

Daily Totals				
NB	SB	EB	WB	Combined
125	122			247

Split %	AM			PM		
	48.0%	52.0%	30.4%	51.7%	48.3%	69.6%
<b>Peak Hour</b>	09:45	11:45	<b>11:45</b>	16:45	16:15	<b>16:45</b>
<b>Volume</b>	9	14	<b>18</b>	30	16	<b>43</b>
<b>P.H.F.</b>	0.56	0.70	<b>0.75</b>	0.81	0.57	<b>0.90</b>

MARINE VIEW BTN LOS CABALITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	0	0			12:00	2	4		
00:15	0	0			12:15	1	0		
00:30	1	1			12:30	1	3		
00:45	0	1	1	2	12:45	2	6	1	8
01:00	0	0			13:00	1	4		
01:15	0	0			13:15	3	1		
01:30	0	0			13:30	2	3		
01:45	0	0	0	0	13:45	3	9	2	10
02:00	0	0			14:00	1	3		
02:15	0	0			14:15	0	1		
02:30	1	1			14:30	3	2		
02:45	0	1	1	2	14:45	5	9	3	9
03:00	1	0			15:00	2	2		
03:15	0	0			15:15	0	0		
03:30	0	0			15:30	2	1		
03:45	0	1	0	0	15:45	3	7	2	5
04:00	0	0			16:00	2	4		
04:15	0	0			16:15	0	0		
04:30	0	0			16:30	3	3		
04:45	1	1	0	0	16:45	1	6	1	8
05:00	1	0			17:00	1	0		
05:15	0	0			17:15	0	3		
05:30	0	1			17:30	1	1		
05:45	0	1	0	1	17:45	1	3	2	6
06:00	1	1			18:00	2	0		
06:15	2	0			18:15	0	3		
06:30	0	2			18:30	1	3		
06:45	0	3	0	3	18:45	1	4	2	8
07:00	1	2			19:00	0	3		
07:15	2	1			19:15	0	0		
07:30	2	2			19:30	0	0		
07:45	3	8	3	8	19:45	0	0	2	5
08:00	5	2			20:00	1	1		
08:15	1	1			20:15	0	0		
08:30	0	2			20:30	1	1		
08:45	2	8	1	6	20:45	0	2	1	3
09:00	6	2			21:00	1	0		
09:15	2	1			21:15	2	0		
09:30	3	1			21:30	0	0		
09:45	2	13	4	8	21:45	1	4	0	0
10:00	0	2			22:00	0	1		
10:15	5	1			22:15	0	0		
10:30	1	0			22:30	0	2		
10:45	3	9	2	5	22:45	0	0	0	3
11:00	2	1			23:00	1	0		
11:15	1	3			23:15	0	1		
11:30	2	2			23:30	0	0		
11:45	1	6	2	8	23:45	1	2	0	1

**Total Vol.** 52 43 95 52 66 118

Daily Totals				
NB	SB	EB	WB	Combined
104	109			213

	AM			PM		
Split %	54.7%	45.3%	<b>44.6%</b>	44.1%	55.9%	<b>55.4%</b>
Peak Hour	08:45	11:15	<b>09:00</b>	14:15	18:15	<b>13:00</b>
Volume	13	11	<b>21</b>	10	11	<b>19</b>
P.H.F.	0.54	0.69	<b>0.66</b>	0.65	0.92	<b>0.95</b>

MARINE VIEW BTN LOS CABALITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	1	1			12:00	1	1		
00:15	0	0			12:15	0	1		
00:30	0	0			12:30	1	2		
00:45	0	1	0	1	12:45	2	4	0	4
01:00	1	1			13:00	1	2		
01:15	0	0			13:15	1	3		
01:30	0	0			13:30	2	2		
01:45	1	2	0	1	13:45	0	4	1	8
02:00	0	0			14:00	1	0		
02:15	0	0			14:15	2	2		
02:30	0	0			14:30	1	2		
02:45	0	0	1	1	14:45	4	8	0	4
03:00	0	0			15:00	2	1		
03:15	1	0			15:15	1	2		
03:30	1	0			15:30	1	0		
03:45	0	2	0	0	15:45	2	6	2	5
04:00	1	0			16:00	6	3		
04:15	0	0			16:15	2	2		
04:30	0	1			16:30	2	4		
04:45	0	1	1	2	16:45	1	11	6	15
05:00	0	0			17:00	2	1		
05:15	2	0			17:15	1	2		
05:30	0	0			17:30	1	3		
05:45	0	2	0	0	17:45	2	6	1	7
06:00	1	1			18:00	1	2		
06:15	0	1			18:15	0	3		
06:30	0	1			18:30	2	4		
06:45	1	2	2	5	18:45	0	3	2	11
07:00	1	1			19:00	1	4		
07:15	1	0			19:15	1	2		
07:30	2	2			19:30	0	1		
07:45	2	6	2	5	19:45	1	3	1	8
08:00	1	4			20:00	2	2		
08:15	4	2			20:15	2	1		
08:30	5	2			20:30	0	0		
08:45	2	12	2	10	20:45	0	4	0	3
09:00	1	1			21:00	1	0		
09:15	4	0			21:15	1	0		
09:30	6	1			21:30	1	1		
09:45	2	13	1	3	21:45	1	4	0	1
10:00	1	3			22:00	0	1		
10:15	1	2			22:15	1	2		
10:30	1	2			22:30	1	2		
10:45	2	5	4	11	22:45	0	2	1	6
11:00	3	2			23:00	1	0		
11:15	2	1			23:15	1	0		
11:30	1	1			23:30	0	1		
11:45	1	7	0	4	23:45	2	4	1	2

**Total Vol.** 53 43 96 59 74 133

Daily Totals				
NB	SB	EB	WB	Combined
112	117			229

Split %	AM			PM		
	55.2%	44.8%	41.9%	44.4%	55.6%	58.1%
<b>Peak Hour</b>	08:45	10:00	07:45	15:45	16:00	16:00
<b>Volume</b>	13	11	22	12	15	26
<b>P.H.F.</b>	0.54	0.69	0.79	0.50	0.63	0.72







MARINE VIEW BTN LOS CABALITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB		
00:00	0	0			12:00	3	2				
00:15	1	0			12:15	2	2				
00:30	0	0			12:30	1	5				
00:45	0	1	0	0	1	12:45	3	9	2	11	20
01:00	0	0			13:00	3	2				
01:15	0	0			13:15	3	3				
01:30	0	0			13:30	0	4				
01:45	0	0	1	1	1	13:45	2	8	4	13	21
02:00	0	0			14:00	2	6				
02:15	0	0			14:15	1	6				
02:30	0	0			14:30	2	5				
02:45	1	1	0	0	1	14:45	2	7	2	19	26
03:00	0	0			15:00	4	4				
03:15	0	0			15:15	3	4				
03:30	1	0			15:30	4	4				
03:45	0	1	1	1	2	15:45	3	14	4	16	30
04:00	0	0			16:00	0	4				
04:15	1	0			16:15	1	2				
04:30	0	0			16:30	1	2				
04:45	0	1	0	0	1	16:45	0	2	3	11	13
05:00	0	0			17:00	2	4				
05:15	3	1			17:15	4	2				
05:30	0	0			17:30	1	4				
05:45	0	3	0	1	4	17:45	2	9	3	13	22
06:00	1	0			18:00	1	0				
06:15	0	0			18:15	1	2				
06:30	1	1			18:30	1	2				
06:45	0	2	0	1	3	18:45	2	5	2	6	11
07:00	2	4			19:00	2	1				
07:15	2	2			19:15	2	3				
07:30	2	2			19:30	1	0				
07:45	4	10	1	9	19	19:45	1	6	2	6	12
08:00	2	4			20:00	1	1				
08:15	6	3			20:15	0	2				
08:30	4	4			20:30	0	1				
08:45	2	14	1	12	26	20:45	2	3	1	5	8
09:00	1	3			21:00	1	2				
09:15	2	1			21:15	1	1				
09:30	2	2			21:30	0	2				
09:45	1	6	3	9	15	21:45	1	3	2	7	10
10:00	1	2			22:00	3	3				
10:15	3	1			22:15	0	0				
10:30	2	3			22:30	0	0				
10:45	5	11	0	6	17	22:45	0	3	1	4	7
11:00	4	2			23:00	0	0				
11:15	1	1			23:15	1	0				
11:30	2	3			23:30	0	0				
11:45	4	11	3	9	20	23:45	2	3	0	0	3
<b>Total Vol.</b>	61	49			<b>110</b>	72	111				<b>183</b>
								<b>Daily Totals</b>			
						NB	SB	EB	WB	Combined	
						133	160			293	
								<b>PM</b>			
<b>Split %</b>	55.5%	44.5%			<b>37.5%</b>	39.3%	60.7%			<b>62.5%</b>	
<b>Peak Hour</b>	07:45	07:45			<b>07:45</b>	15:00	13:45			<b>15:00</b>	
<b>Volume</b>	16	12			<b>28</b>	14	21			<b>30</b>	
<b>P.H.F.</b>	0.67	0.75			<b>0.78</b>	0.94	0.88			<b>0.94</b>	

MARINE VIEW BTN LOS CABALITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB	
00:00	1	0			12:00	2	1			
00:15	0	0			12:15	2	3			
00:30	0	1			12:30	2	1			
00:45	0	1	0	1	12:45	3	9	2	7	
01:00	0	0			13:00	4	2			
01:15	0	0			13:15	5	2			
01:30	0	0			13:30	2	1			
01:45	0	0	0	0	13:45	3	14	2	7	
02:00	0	2			14:00	2	3			
02:15	0	1			14:15	0	5			
02:30	0	0			14:30	2	2			
02:45	0	0	0	3	14:45	6	10	5	15	
03:00	0	0			15:00	4	3			
03:15	0	0			15:15	3	3			
03:30	0	1			15:30	2	3			
03:45	0	0	0	1	15:45	1	10	2	11	
04:00	1	0			16:00	4	4			
04:15	0	0			16:15	3	4			
04:30	0	0			16:30	3	3			
04:45	1	2	0	0	16:45	4	14	4	15	
05:00	0	0			17:00	5	2			
05:15	0	0			17:15	2	2			
05:30	1	0			17:30	1	3			
05:45	1	2	0	0	17:45	4	12	0	7	
06:00	0	0			18:00	1	5			
06:15	0	0			18:15	1	1			
06:30	0	3			18:30	3	1			
06:45	0	0	2	5	18:45	1	6	1	8	
07:00	3	1			19:00	1	2			
07:15	3	4			19:15	0	1			
07:30	6	3			19:30	1	3			
07:45	2	14	0	8	19:45	0	2	1	7	
08:00	1	5			20:00	0	3			
08:15	9	3			20:15	0	0			
08:30	1	3			20:30	1	1			
08:45	2	13	2	13	20:45	1	2	1	5	
09:00	2	3			21:00	0	0			
09:15	2	3			21:15	0	1			
09:30	5	0			21:30	2	0			
09:45	2	11	0	6	21:45	0	2	1	2	
10:00	0	2			22:00	0	2			
10:15	3	2			22:15	0	0			
10:30	7	2			22:30	1	0			
10:45	2	12	0	6	22:45	1	2	0	2	
11:00	11	2			23:00	0	0			
11:15	3	7			23:15	1	2			
11:30	1	3			23:30	0	1			
11:45	5	20	1	13	23:45	0	1	0	3	
<b>Total Vol.</b>	75	56			<b>131</b>	84	89		<b>173</b>	
<b>Daily Totals</b>										
						NB	SB	EB	WB	Combined
						159	145			304
<b>AM</b>					<b>PM</b>					
<b>Split %</b>	57.3%	42.7%	<b>43.1%</b>		48.6%	51.4%	<b>56.9%</b>			
<b>Peak Hour</b>	10:15	08:00	<b>10:30</b>		14:30	14:00	<b>14:45</b>			
<b>Volume</b>	23	13	<b>34</b>		15	15	<b>29</b>			
<b>P.H.F.</b>	0.52	0.65	<b>0.65</b>		0.67	0.75	<b>0.66</b>			



MARINE VIEW BTN LOS CABALITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB		
00:00	0	0			12:00	2	3				
00:15	0	0			12:15	4	2				
00:30	0	0			12:30	2	2				
00:45	1	1	1	1	2	12:45	1	9	4	11	20
01:00	2	1			13:00	2	3				
01:15	0	0			13:15	3	1				
01:30	0	2			13:30	0	1				
01:45	0	2	0	3	5	13:45	4	9	2	7	16
02:00	0	0			14:00	1	0				
02:15	0	0			14:15	2	5				
02:30	0	0			14:30	2	2				
02:45	0	0	0	0	2	14:45	6	11	2	9	20
03:00	0	0			15:00	0	6				
03:15	0	0			15:15	3	5				
03:30	1	0			15:30	1	0				
03:45	0	1	0	0	1	15:45	3	7	3	14	21
04:00	0	1			16:00	1	1				
04:15	1	0			16:15	5	5				
04:30	0	0			16:30	2	2				
04:45	0	1	0	1	2	16:45	4	12	4	12	24
05:00	2	0			17:00	5	4				
05:15	1	0			17:15	1	1				
05:30	0	0			17:30	0	1				
05:45	0	3	0	0	3	17:45	3	9	1	7	16
06:00	0	0			18:00	3	1				
06:15	0	0			18:15	2	2				
06:30	0	1			18:30	3	2				
06:45	1	1	0	1	2	18:45	2	10	4	9	19
07:00	4	2			19:00	1	2				
07:15	4	4			19:15	2	1				
07:30	4	4			19:30	1	1				
07:45	2	14	1	11	25	19:45	1	5	4	8	13
08:00	5	0			20:00	1	1				
08:15	4	2			20:15	0	2				
08:30	2	5			20:30	0	0				
08:45	3	14	2	9	23	20:45	0	1	0	3	4
09:00	3	2			21:00	1	0				
09:15	2	0			21:15	0	2				
09:30	2	3			21:30	1	2				
09:45	2	9	1	6	15	21:45	1	3	5	9	12
10:00	0	2			22:00	1	2				
10:15	3	1			22:15	2	0				
10:30	2	1			22:30	0	0				
10:45	2	7	1	5	12	22:45	1	4	0	2	6
11:00	1	2			23:00	0	0				
11:15	2	5			23:15	0	1				
11:30	6	5			23:30	0	1				
11:45	2	11	2	14	25	23:45	0	0	0	2	2
<b>Total Vol.</b>	64	51			<b>115</b>	80	93				<b>173</b>
<b>Daily Totals</b>											
						NB	SB	EB	WB	Combined	
						144	144			288	
<b>AM</b>					<b>PM</b>						
<b>Split %</b>	55.7%	44.3%	<b>39.9%</b>			46.2%	53.8%	<b>60.1%</b>			
<b>Peak Hour</b>	07:15	11:15	<b>11:15</b>			16:15	14:15	<b>16:15</b>			
<b>Volume</b>	15	15	<b>27</b>			16	15	<b>31</b>			
<b>P.H.F.</b>	0.75	0.75	<b>0.61</b>			0.75	0.63	<b>0.78</b>			

MARINE VIEW BTN LOS CABALITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB		
00:00	0	0			12:00	1	3				
00:15	1	0			12:15	3	0				
00:30	0	0			12:30	5	5				
00:45	0	1	1	1	2	12:45	1	10	3	11	21
01:00	0	0			13:00	3	1				
01:15	0	2			13:15	2	2				
01:30	0	0			13:30	1	1				
01:45	0	0	0	2	2	13:45	3	9	1	5	14
02:00	0	0			14:00	3	4				
02:15	0	0			14:15	1	1				
02:30	0	0			14:30	1	2				
02:45	1	1	1	1	2	14:45	4	9	3	10	19
03:00	1	0			15:00	0	2				
03:15	0	0			15:15	1	1				
03:30	0	0			15:30	7	2				
03:45	1	2	1	1	3	15:45	2	10	4	9	19
04:00	2	1			16:00	1	2				
04:15	0	0			16:15	1	3				
04:30	0	0			16:30	2	2				
04:45	0	2	0	1	3	16:45	7	11	7	14	25
05:00	0	0			17:00	3	2				
05:15	1	0			17:15	2	1				
05:30	0	1			17:30	3	1				
05:45	0	1	0	1	2	17:45	2	10	5	9	19
06:00	0	0			18:00	4	3				
06:15	0	0			18:15	3	1				
06:30	0	1			18:30	0	1				
06:45	2	2	2	3	5	18:45	2	9	5	10	19
07:00	1	1			19:00	4	1				
07:15	3	1			19:15	2	3				
07:30	3	2			19:30	2	2				
07:45	3	10	0	4	14	19:45	1	9	1	7	16
08:00	1	3			20:00	1	1				
08:15	2	5			20:15	3	2				
08:30	3	6			20:30	2	2				
08:45	1	7	4	18	25	20:45	0	6	2	7	13
09:00	1	0			21:00	1	1				
09:15	1	3			21:15	0	1				
09:30	0	2			21:30	1	1				
09:45	4	6	3	8	14	21:45	1	3	2	5	8
10:00	0	1			22:00	2	1				
10:15	1	4			22:15	0	1				
10:30	2	0			22:30	0	1				
10:45	3	6	3	8	14	22:45	0	2	0	3	5
11:00	2	2			23:00	0	0				
11:15	2	2			23:15	1	0				
11:30	5	4			23:30	0	0				
11:45	0	9	1	9	18	23:45	0	1	1	1	2
<b>Total Vol.</b>	47	57			<b>104</b>	89	91				<b>180</b>
								<b>Daily Totals</b>			
						NB	SB	EB	WB		<b>Combined</b>
						136	148				<b>284</b>
								<b>PM</b>			
<b>Split %</b>	45.2%	54.8%			<b>36.6%</b>	49.4%	50.6%				<b>63.4%</b>
<b>Peak Hour</b>	10:45	08:00			<b>08:00</b>	16:45	16:00				<b>16:15</b>
<b>Volume</b>	12	18			<b>25</b>	15	14				<b>27</b>
<b>P.H.F.</b>	0.60	0.75			<b>0.69</b>	0.50	0.50				<b>0.48</b>

MONDAY 6/29/15

CITY: SOLANA BEACH

PROJECT: PDT15-0703-01

ADT02-MARINE VIEW-LOS CABLITOS & GENEVIEVE

6AM-9AM\_11AM-1PM\_3PM-7PM\_9PM-10PM

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	0	0			12:00	6	2		
00:15	0	0			12:15	6	4		
00:30	0	0			12:30	3	3		
00:45	0	0	0		12:45	4	19	1	10
01:00	0	1			13:00	2	1		
01:15	0	0			13:15	1	2		
01:30	0	0			13:30	0	3		
01:45	0	0	0	1	13:45	1	4	2	8
02:00	0	0			14:00	1	4		
02:15	0	0			14:15	2	1		
02:30	0	0			14:30	2	1		
02:45	0	0	0	0	14:45	1	6	3	9
03:00	0	0			15:00	3	4		
03:15	0	0			15:15	4	6		
03:30	0	0			15:30	5	4		
03:45	0	0	0	0	15:45	0	12	2	16
04:00	1	0			16:00	0	1		
04:15	0	0			16:15	0	6		
04:30	0	0			16:30	1	2		
04:45	0	1	0	0	16:45	3	4	1	10
05:00	0	0			17:00	2	4		
05:15	0	0			17:15	4	4		
05:30	0	0			17:30	3	2		
05:45	0	0	0	0	17:45	2	11	3	13
06:00	0	0			18:00	0	1		
06:15	1	1			18:15	4	3		
06:30	0	1			18:30	1	4		
06:45	5	6	1	3	18:45	2	7	3	11
07:00	0	3			19:00	2	1		
07:15	0	0			19:15	1	2		
07:30	1	3			19:30	0	1		
07:45	1	2	1	7	19:45	0	3	0	4
08:00	3	1			20:00	1	0		
08:15	1	2			20:15	0	1		
08:30	2	2			20:30	0	1		
08:45	3	9	0	5	20:45	1	2	0	2
09:00	2	1			21:00	1	1		
09:15	1	0			21:15	0	2		
09:30	3	0			21:30	0	1		
09:45	4	10	1	2	21:45	0	1	0	4
10:00	5	0			22:00	0	0		
10:15	2	2			22:15	0	0		
10:30	1	1			22:30	0	0		
10:45	2	10	0	3	22:45	0	0	0	0
11:00	2	0			23:00	1	1		
11:15	0	0			23:15	0	0		
11:30	0	5			23:30	0	0		
11:45	5	7	2	7	23:45	0	1	0	1

**Total Vol.** 45 28 **73** 70 88 **158**

Daily Totals				
NB	SB	EB	WB	Combined
115	116			231

Split %	AM			PM		
	61.6%	38.4%	31.6%	44.3%	55.7%	68.4%
<b>Peak Hour</b>	11:45	11:30	<b>11:45</b>	12:00	14:45	<b>14:45</b>
<b>Volume</b>	20	13	<b>31</b>	19	17	<b>30</b>
<b>P.H.F.</b>	0.83	0.65	<b>0.78</b>	0.75	0.71	<b>0.75</b>

PACIFIC TECHNICAL DATA, LLC



ADT02-MARINE VIEW-LOS CABLITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	0	0			12:00	3	2		
00:15	0	0			12:15	6	3		
00:30	0	1			12:30	1	4		
00:45	0	0	1		12:45	0	10	2	11
01:00	0	1			13:00	3	2		
01:15	0	0			13:15	2	1		
01:30	0	0			13:30	1	0		
01:45	0	0	1		13:45	4	10	1	4
02:00	0	0			14:00	2	2		
02:15	0	0			14:15	1	1		
02:30	1	0			14:30	0	3		
02:45	0	1	1		14:45	1	4	2	8
03:00	1	0			15:00	1	2		
03:15	0	0			15:15	6	5		
03:30	0	0			15:30	1	2		
03:45	0	1	0	0	15:45	6	14	4	13
04:00	0	0			16:00	1	0		
04:15	0	0			16:15	1	3		
04:30	0	0			16:30	1	0		
04:45	0	0	0		16:45	2	5	2	5
05:00	1	0			17:00	4	2		
05:15	0	0			17:15	3	4		
05:30	0	1			17:30	2	1		
05:45	0	1	0	1	17:45	2	11	2	9
06:00	1	0			18:00	4	6		
06:15	0	0			18:15	2	3		
06:30	0	0			18:30	2	2		
06:45	1	2	0	0	18:45	2	10	1	12
07:00	0	0			19:00	2	2		
07:15	2	0			19:15	1	1		
07:30	2	2			19:30	2	0		
07:45	5	9	5	7	19:45	1	6	0	3
08:00	1	2			20:00	2	0		
08:15	1	2			20:15	1	1		
08:30	3	1			20:30	0	2		
08:45	3	8	0	5	20:45	0	3	1	4
09:00	2	1			21:00	0	3		
09:15	1	1			21:15	1	1		
09:30	2	0			21:30	0	0		
09:45	3	8	1	3	21:45	0	1	1	5
10:00	2	1			22:00	0	0		
10:15	1	3			22:15	0	0		
10:30	1	2			22:30	1	0		
10:45	1	5	10	16	22:45	0	1	0	0
11:00	5	4			23:00	0	0		
11:15	2	4			23:15	0	0		
11:30	3	2			23:30	0	0		
11:45	1	11	5	15	23:45	0	0	0	0
<b>Total Vol.</b>	<b>46</b>	<b>50</b>			<b>96</b>	<b>75</b>	<b>74</b>		<b>149</b>
								<b>Daily Totals</b>	
						<b>NB</b>	<b>SB</b>	<b>EB</b>	<b>WB</b>
						121	124		<b>Combined</b>
									245
			<b>AM</b>					<b>PM</b>	
<b>Split %</b>	47.9%	52.1%		<b>39.2%</b>		50.3%	49.7%		<b>60.8%</b>
<b>Peak Hour</b>	11:30	10:30		<b>10:45</b>		15:00	15:00		<b>15:00</b>
<b>Volume</b>	13	20		<b>31</b>		14	13		<b>27</b>
<b>P.H.F.</b>	0.54	0.50		<b>0.70</b>		0.38	0.65		<b>0.61</b>

ADT02-MARINE VIEW-LOS CABLITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	0	0			12:00	4	4		
00:15	0	0			12:15	6	3		
00:30	0	0			12:30	1	0		
00:45	0	0	1	1	12:45	1	12	2	9
01:00	0	0			13:00	0	0		
01:15	0	1			13:15	1	1		
01:30	0	0			13:30	2	2		
01:45	0	0	0	1	13:45	1	4	1	4
02:00	0	0			14:00	2	1		
02:15	0	0			14:15	3	2		
02:30	0	1			14:30	2	3		
02:45	0	0	0	1	14:45	1	8	3	9
03:00	0	0			15:00	2	3		
03:15	0	0			15:15	0	4		
03:30	1	0			15:30	5	3		
03:45	0	1	1	1	15:45	2	9	1	11
04:00	0	0			16:00	3	5		
04:15	0	0			16:15	3	3		
04:30	1	0			16:30	1	2		
04:45	0	1	0	0	16:45	3	10	2	12
05:00	0	0			17:00	2	5		
05:15	0	0			17:15	5	4		
05:30	0	0			17:30	5	2		
05:45	0	0	0	0	17:45	1	13	2	13
06:00	1	0			18:00	1	5		
06:15	1	0			18:15	3	3		
06:30	0	0			18:30	1	2		
06:45	2	4	1	1	18:45	1	6	2	12
07:00	1	3			19:00	0	1		
07:15	0	0			19:15	0	2		
07:30	3	4			19:30	1	2		
07:45	1	5	0	7	19:45	1	2	1	6
08:00	3	2			20:00	0	0		
08:15	1	0			20:15	0	0		
08:30	0	1			20:30	2	1		
08:45	3	7	1	4	20:45	1	3	0	1
09:00	0	2			21:00	0	4		
09:15	1	0			21:15	2	0		
09:30	2	1			21:30	1	0		
09:45	0	3	0	3	21:45	0	3	0	4
10:00	1	0			22:00	0	0		
10:15	2	2			22:15	0	0		
10:30	1	3			22:30	0	0		
10:45	2	6	1	6	22:45	0	0	0	0
11:00	4	4			23:00	0	1		
11:15	3	2			23:15	1	0		
11:30	1	0			23:30	0	0		
11:45	4	12	3	9	23:45	0	1	0	1
<b>Total Vol.</b>	<b>39</b>	<b>34</b>			<b>73</b>	<b>71</b>	<b>82</b>		<b>153</b>
								<b>Daily Totals</b>	
						<b>NB</b>	<b>SB</b>	<b>EB</b>	<b>WB</b>
						110	116		<b>Combined</b>
									226
								<b>AM</b>	<b>PM</b>
<b>Split %</b>	53.4%	46.6%			<b>32.3%</b>	46.4%	53.6%		<b>67.7%</b>
<b>Peak Hour</b>	11:30	10:15			<b>11:30</b>	16:45	14:30		<b>16:45</b>
<b>Volume</b>	15	10			<b>25</b>	15	13		<b>28</b>
<b>P.H.F.</b>	0.63	0.63			<b>0.69</b>	0.75	0.81		<b>0.78</b>



ADT02-MARINE VIEW-LOS CABLITOS & GENEVIEVE

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	0	0			12:00	1	3		
00:15	1	1			12:15	5	8		
00:30	0	0			12:30	4	4		
00:45	0	1	0	1	12:45	5	15	5	20
01:00	0	0			13:00	4	3		
01:15	0	0			13:15	2	1		
01:30	0	0			13:30	0	2		
01:45	0	0	0	0	13:45	1	7	3	9
02:00	0	0			14:00	2	1		
02:15	0	0			14:15	1	2		
02:30	0	0			14:30	0	1		
02:45	0	0	0	0	14:45	1	4	2	6
03:00	1	0			15:00	2	4		
03:15	0	0			15:15	3	2		
03:30	0	0			15:30	0	5		
03:45	0	1	0	0	15:45	2	7	2	13
04:00	0	0			16:00	4	4		
04:15	0	0			16:15	4	3		
04:30	0	0			16:30	2	2		
04:45	0	0	1	1	16:45	2	12	5	14
05:00	0	1			17:00	2	4		
05:15	0	0			17:15	2	5		
05:30	0	0			17:30	2	2		
05:45	0	0	0	1	17:45	0	6	3	14
06:00	1	0			18:00	3	5		
06:15	0	0			18:15	2	3		
06:30	0	0			18:30	5	2		
06:45	0	1	1	1	18:45	2	12	3	13
07:00	0	0			19:00	3	1		
07:15	1	3			19:15	1	2		
07:30	1	2			19:30	1	0		
07:45	3	5	0	5	19:45	1	6	1	4
08:00	1	0			20:00	0	2		
08:15	1	2			20:15	1	1		
08:30	3	0			20:30	2	0		
08:45	3	8	1	3	20:45	3	6	2	5
09:00	2	1			21:00	0	1		
09:15	2	0			21:15	2	2		
09:30	0	1			21:30	1	1		
09:45	1	5	2	4	21:45	2	5	3	7
10:00	2	1			22:00	1	0		
10:15	1	0			22:15	0	0		
10:30	3	0			22:30	1	0		
10:45	1	7	1	2	22:45	1	3	1	1
11:00	2	3			23:00	0	0		
11:15	7	0			23:15	0	0		
11:30	4	0			23:30	1	1		
11:45	2	15	3	6	23:45	0	1	1	2
<b>Total Vol.</b>	<b>43</b>	<b>24</b>			<b>67</b>	<b>84</b>	<b>108</b>		<b>192</b>
								<b>Daily Totals</b>	
						<b>NB</b>	<b>SB</b>	<b>EB</b>	<b>WB</b>
						127	132		<b>Combined</b>
									259
								<b>AM</b>	<b>PM</b>
<b>Split %</b>	64.2%	35.8%			<b>25.9%</b>	43.8%	56.3%		<b>74.1%</b>
<b>Peak Hour</b>	11:00	11:45			<b>11:45</b>	12:15	12:00		<b>12:15</b>
<b>Volume</b>	15	18			<b>30</b>	18	20		<b>38</b>
<b>P.H.F.</b>	0.54	0.56			<b>0.58</b>	0.95	0.63		<b>0.73</b>





**Highland Dr (from Solana Dr to San Andres Dr)**

SATURDAY - NOVEMBER 15TH, 2014

CITY: SOLANA BEACH

PROJECT: PTD14-1114-02

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB				
00:00			1	1	12:00			15	7				
00:15			0	0	12:15			15	14				
00:30			0	1	12:30			20	10				
00:45			1	2	0	2	4	12:45	21	71	15	46	117
01:00			2	0	13:00			7	20				
01:15			0	1	13:15			11	12				
01:30			0	2	13:30			17	15				
01:45			0	2	0	3	5	13:45	12	47	11	58	105
02:00			0	0	14:00			11	17				
02:15			0	0	14:15			16	24				
02:30			0	0	14:30			11	25				
02:45			1	1	0	0	1	14:45	14	52	11	77	129
03:00			0	0	15:00			14	19				
03:15			1	1	15:15			12	12				
03:30			0	0	15:30			16	7				
03:45			1	2	1	2	4	15:45	12	54	17	55	109
04:00			0	0	16:00			14	8				
04:15			1	0	16:15			6	16				
04:30			0	0	16:30			9	5				
04:45			1	2	1	1	3	16:45	15	44	18	47	91
05:00			2	0	17:00			9	10				
05:15			0	1	17:15			13	8				
05:30			2	0	17:30			11	8				
05:45			3	7	3	4	11	17:45	17	50	7	33	83
06:00			4	5	18:00			8	6				
06:15			1	6	18:15			9	11				
06:30			3	4	18:30			7	6				
06:45			9	17	2	17	34	18:45	6	30	6	29	59
07:00			8	4	19:00			9	9				
07:15			1	5	19:15			2	4				
07:30			11	5	19:30			7	4				
07:45			13	33	9	23	56	19:45	8	26	5	22	48
08:00			11	6	20:00			4	8				
08:15			8	7	20:15			7	8				
08:30			8	6	20:30			7	5				
08:45			21	48	13	32	80	20:45	3	21	4	25	46
09:00			10	21	21:00			1	0				
09:15			14	12	21:15			4	7				
09:30			19	9	21:30			4	6				
09:45			9	52	22	64	116	21:45	3	12	3	16	28
10:00			14	13	22:00			3	9				
10:15			12	8	22:15			3	6				
10:30			12	13	22:30			2	5				
10:45			25	63	11	45	108	22:45	3	11	1	21	32
11:00			9	16	23:00			0	2				
11:15			15	16	23:15			0	4				
11:30			6	14	23:30			1	1				
11:45			14	44	13	59	103	23:45	2	3	1	8	11

**Total Vol.** 273 252 **525** 421 437 **858**

		Daily Totals			
NB	SB	EB	WB	Combined	
		694	689	<b>1383</b>	

Split %	AM			PM		
	52.0%	48.0%	<b>38.0%</b>	49.1%	50.9%	<b>62.0%</b>
<b>Peak Hour</b>	08:45	09:00	<b>08:45</b>	12:00	14:15	<b>14:15</b>
<b>Volume</b>	64	64	<b>119</b>	71	79	<b>134</b>
<b>P.H.F.</b>	0.76	0.73	<b>0.88</b>	0.85	0.79	<b>0.84</b>



HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			0	2	12:00			16	14			
00:15			0	2	12:15			13	13			
00:30			2	2	12:30			16	10			
00:45			1	3	12:45			30	75	12	49	124
01:00			0	0	13:00			26	15			
01:15			1	1	13:15			15	6			
01:30			0	0	13:30			12	11			
01:45			0	1	13:45			21	74	10	42	116
02:00			0	2	14:00			9	14			
02:15			1	0	14:15			15	12			
02:30			0	0	14:30			8	14			
02:45			0	1	14:45			15	47	19	59	106
03:00			0	0	15:00			10	12			
03:15			0	0	15:15			11	8			
03:30			0	0	15:30			7	11			
03:45			0	0	15:45			10	38	9	40	78
04:00			0	0	16:00			12	6			
04:15			0	1	16:15			11	9			
04:30			1	0	16:30			15	11			
04:45			0	1	16:45			11	49	12	38	87
05:00			0	0	17:00			5	13			
05:15			0	0	17:15			15	9			
05:30			1	1	17:30			6	15			
05:45			2	3	17:45			6	32	9	46	78
06:00			1	2	18:00			7	3			
06:15			0	1	18:15			4	8			
06:30			6	2	18:30			8	4			
06:45			5	12	18:45			9	28	8	23	51
07:00			7	4	19:00			3	8			
07:15			5	1	19:15			3	7			
07:30			6	1	19:30			3	7			
07:45			4	22	19:45			0	9	5	27	36
08:00			3	6	20:00			5	8			
08:15			9	3	20:15			3	3			
08:30			13	6	20:30			2	3			
08:45			7	32	20:45			3	13	7	21	34
09:00			11	4	21:00			1	2			
09:15			8	13	21:15			3	6			
09:30			12	5	21:30			2	2			
09:45			13	44	21:45			0	6	5	15	21
10:00			9	17	22:00			1	3			
10:15			11	18	22:15			1	2			
10:30			17	17	22:30			1	1			
10:45			11	48	22:45			3	6	0	6	12
11:00			11	14	23:00			0	4			
11:15			15	15	23:15			0	0			
11:30			16	21	23:30			0	0			
11:45			15	57	23:45			0	0	3	7	7

<b>Total Vol.</b>			224	231	<b>455</b>			377	373	<b>750</b>
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		Daily Totals				
		NB	SB	EB	WB	Combined
				601	604	<b>1205</b>

	AM			PM		
<b>Split %</b>	49.2%	50.8%	<b>37.8%</b>	50.3%	49.7%	<b>62.2%</b>
<b>Peak Hour</b>	11:15	09:45	<b>11:15</b>	12:30	14:00	<b>12:15</b>
<b>Volume</b>	62	70	<b>123</b>	87	59	<b>135</b>
<b>P.H.F.</b>	0.97	0.97	<b>0.83</b>	0.73	0.78	<b>0.80</b>

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			0	0	12:00			18	18			
00:15			0	0	12:15			19	19			
00:30			0	0	12:30			20	20			
00:45			0	0	12:45			10	67	22	79	146
01:00			0	0	13:00			9	20			
01:15			0	0	13:15			8	18			
01:30			0	0	13:30			9	15			
01:45			0	0	13:45			7	33	19	72	105
02:00			0	0	14:00			8	16			
02:15			0	0	14:15			9	11			
02:30			0	0	14:30			10	9			
02:45			1	1	14:45			7	34	12	48	82
03:00			0	0	15:00			13	11			
03:15			0	0	15:15			16	9			
03:30			1	1	15:30			20	12			
03:45			0	1	15:45			21	70	18	50	120
04:00			1	0	16:00			20	21			
04:15			0	0	16:15			19	26			
04:30			0	0	16:30			22	28			
04:45			0	1	16:45			26	87	26	101	188
05:00			1	1	17:00			35	36			
05:15			2	1	17:15			40	30			
05:30			4	1	17:30			28	20			
05:45			4	11	17:45			21	124	18	104	228
06:00			1	0	18:00			20	22			
06:15			7	2	18:15			11	23			
06:30			8	6	18:30			18	15			
06:45			12	28	18:45			10	59	11	71	130
07:00			17	2	19:00			11	9			
07:15			15	12	19:15			8	12			
07:30			21	14	19:30			7	11			
07:45			19	72	19:45			5	31	8	40	71
08:00			15	10	20:00			4	9			
08:15			19	23	20:15			6	8			
08:30			23	22	20:30			8	9			
08:45			21	78	20:45			9	27	5	31	58
09:00			13	10	21:00			4	4			
09:15			20	10	21:15			3	3			
09:30			12	11	21:30			2	5			
09:45			14	59	21:45			1	10	4	16	26
10:00			12	9	22:00			4	2			
10:15			14	10	22:15			2	3			
10:30			10	5	22:30			1	2			
10:45			9	45	22:45			0	7	4	11	18
11:00			13	12	23:00			2	5			
11:15			19	11	23:15			3	2			
11:30			8	10	23:30			0	1			
11:45			14	54	23:45			1	6	0	8	14

**Total Vol.** 350 250 **600** 555 631 **1186**

Daily Totals				
NB	SB	EB	WB	Combined
		905	881	<b>1786</b>

Split %	AM			PM		
	58.3%	41.7%	<b>33.6%</b>	46.8%	53.2%	<b>66.4%</b>
<b>Peak Hour</b>	08:00	11:45	<b>08:00</b>	16:45	16:30	<b>16:30</b>
<b>Volume</b>	78	71	<b>148</b>	129	120	<b>243</b>
<b>P.H.F.</b>	0.85	0.89	<b>0.82</b>	0.81	0.83	<b>0.86</b>

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			1	0	12:00			14	14			
00:15			0	1	12:15			21	20			
00:30			1	0	12:30			26	26			
00:45			0	2	12:45			20	81	22	82	163
01:00			0	0	13:00			13	15			
01:15			1	0	13:15			15	12			
01:30			0	0	13:30			18	18			
01:45			0	1	13:45			19	65	11	56	121
02:00			0	0	14:00			10	16			
02:15			1	0	14:15			11	19			
02:30			0	1	14:30			13	22			
02:45			0	1	14:45			10	44	26	83	127
03:00			0	0	15:00			14	20			
03:15			1	0	15:15			16	18			
03:30			0	1	15:30			18	11			
03:45			0	1	15:45			22	70	17	66	136
04:00			1	1	16:00			26	28			
04:15			0	0	16:15			20	33			
04:30			1	0	16:30			28	38			
04:45			0	2	16:45			21	95	31	130	225
05:00			1	1	17:00			30	40			
05:15			2	0	17:15			33	44			
05:30			3	1	17:30			28	25			
05:45			0	6	17:45			26	117	28	137	254
06:00			6	1	18:00			15	20			
06:15			5	1	18:15			11	19			
06:30			8	3	18:30			9	11			
06:45			9	28	18:45			15	50	15	65	115
07:00			12	5	19:00			14	10			
07:15			20	18	19:15			16	16			
07:30			26	11	19:30			11	11			
07:45			21	79	19:45			9	50	9	46	96
08:00			22	10	20:00			10	10			
08:15			20	13	20:15			5	10			
08:30			28	18	20:30			4	11			
08:45			20	90	20:45			6	25	4	35	60
09:00			19	11	21:00			3	3			
09:15			15	15	21:15			2	2			
09:30			11	9	21:30			2	1			
09:45			18	63	21:45			2	9	0	6	15
10:00			12	11	22:00			0	1			
10:15			16	16	22:15			4	2			
10:30			9	9	22:30			2	1			
10:45			10	47	22:45			1	7	6	10	17
11:00			8	8	23:00			0	0			
11:15			13	10	23:15			2	2			
11:30			11	13	23:30			1	0			
11:45			18	50	23:45			0	3	1	3	6

**Total Vol.** 370 264 **634** 616 719 **1335**

		Daily Totals			
NB	SB	EB	WB	Combined	
		986	983	<b>1969</b>	

	AM			PM		
Split %	58.4%	41.6%	<b>32.2%</b>	46.1%	53.9%	<b>67.8%</b>
Peak Hour	07:45	11:45	<b>11:45</b>	17:00	16:30	<b>16:30</b>
Volume	91	75	<b>154</b>	117	153	<b>265</b>
P.H.F.	0.81	0.72	<b>0.74</b>	0.89	0.87	<b>0.86</b>

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			0	1	12:00			16	20			
00:15			1	0	12:15			11	16			
00:30			1	0	12:30			26	20			
00:45			2	4	0	1	5	30	83	21	77	160
01:00			0	0	13:00			22	22			
01:15			0	1	13:15			19	13			
01:30			1	0	13:30			20	15			
01:45			0	1	1	2	3	15	76	19	69	145
02:00			0	1	14:00			9	20			
02:15			0	0	14:15			12	16			
02:30			0	0	14:30			14	18			
02:45			1	1	0	1	2	11	46	26	80	126
03:00			0	0	15:00			16	15			
03:15			0	1	15:15			20	18			
03:30			0	2	15:30			18	20			
03:45			1	1	0	3	4	28	82	26	79	161
04:00			1	1	16:00			20	35			
04:15			0	0	16:15			22	38			
04:30			0	1	16:30			21	31			
04:45			0	1	0	2	3	26	89	44	148	237
05:00			1	1	17:00			21	41			
05:15			0	0	17:15			30	36			
05:30			1	0	17:30			24	20			
05:45			0	2	1	2	4	25	100	21	118	218
06:00			1	1	18:00			18	16			
06:15			2	1	18:15			20	18			
06:30			6	0	18:30			11	19			
06:45			5	14	4	6	20	9	58	20	73	131
07:00			10	8	19:00			10	15			
07:15			18	12	19:15			9	11			
07:30			33	18	19:30			10	9			
07:45			31	92	11	49	141	11	40	10	45	85
08:00			25	9	20:00			14	5			
08:15			26	20	20:15			10	4			
08:30			22	11	20:30			5	6			
08:45			26	99	16	56	155	6	35	9	24	59
09:00			20	22	21:00			5	5			
09:15			19	15	21:15			4	4			
09:30			20	11	21:30			2	2			
09:45			15	74	9	57	131	3	14	3	14	28
10:00			11	10	22:00			1	2			
10:15			9	7	22:15			2	1			
10:30			10	9	22:30			3	0			
10:45			8	38	10	36	74	1	7	1	4	11
11:00			9	5	23:00			1	1			
11:15			11	10	23:15			0	1			
11:30			6	9	23:30			1	0			
11:45			12	38	12	36	74	0	2	0	2	4

**Total Vol.** 365 251 **616** 632 733 **1365**

		Daily Totals			
NB	SB	EB	WB	Combined	
		997	984	1981	

Split %	AM			PM		
	59.3%	40.7%	31.1%	46.3%	53.7%	68.9%
<b>Peak Hour</b>	07:30	08:15	<b>07:30</b>	16:45	16:15	<b>16:30</b>
<b>Volume</b>	115	69	<b>173</b>	101	154	<b>250</b>
<b>P.H.F.</b>	0.87	0.78	<b>0.85</b>	0.84	0.88	<b>0.89</b>

THURSDAY - NOVEMBER 20TH, 2014

CITY: SOLANA BEACH

PROJECT: PTD14-1114-02

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			1	1	12:00			20	15			
00:15			2	0	12:15			15	18			
00:30			0	0	12:30			19	20			
00:45			0	3	0	1	4	16	70	22	75	145
01:00			1	0	13:00			18	21			
01:15			0	1	13:15			15	19			
01:30			1	1	13:30			19	16			
01:45			1	3	0	2	5	20	72	11	67	139
02:00			2	0	14:00			22	15			
02:15			0	1	14:15			16	9			
02:30			1	1	14:30			18	12			
02:45			1	4	1	3	7	20	76	11	47	123
03:00			1	1	15:00			11	10			
03:15			0	0	15:15			18	19			
03:30			0	0	15:30			26	18			
03:45			1	2	0	1	3	22	77	22	69	146
04:00			1	1	16:00			23	26			
04:15			0	0	16:15			18	35			
04:30			0	1	16:30			20	44			
04:45			1	2	1	3	5	26	87	30	135	222
05:00			0	0	17:00			24	46			
05:15			1	2	17:15			23	38			
05:30			1	1	17:30			22	40			
05:45			0	2	1	4	6	16	85	22	146	231
06:00			0	1	18:00			18	20			
06:15			3	2	18:15			15	25			
06:30			2	1	18:30			9	24			
06:45			4	9	3	7	16	15	57	20	89	146
07:00			2	6	19:00			16	11			
07:15			6	5	19:15			11	9			
07:30			18	9	19:30			9	12			
07:45			20	46	11	31	77	10	46	12	44	90
08:00			22	11	20:00			8	8			
08:15			26	15	20:15			9	9			
08:30			28	18	20:30			10	4			
08:45			20	96	20	64	160	5	32	5	26	58
09:00			19	16	21:00			4	3			
09:15			20	20	21:15			6	2			
09:30			15	15	21:30			5	4			
09:45			11	65	11	62	127	1	16	1	10	26
10:00			9	9	22:00			2	0			
10:15			10	10	22:15			2	1			
10:30			5	7	22:30			1	2			
10:45			4	28	9	35	63	1	6	1	4	10
11:00			9	5	23:00			2	0			
11:15			12	12	23:15			0	0			
11:30			18	11	23:30			0	1			
11:45			14	53	13	41	94	1	3	1	2	5

<b>Total Vol.</b>			313	254	<b>567</b>			627	714	<b>1341</b>		
								<b>Daily Totals</b>				
								NB	SB	EB	WB	Combined
										940	968	<b>1908</b>

	<b>AM</b>			<b>PM</b>		
<b>Split %</b>	55.2%	44.8%	<b>29.7%</b>	46.8%	53.2%	<b>70.3%</b>
<b>Peak Hour</b>	07:45	08:30	<b>08:15</b>	16:45	16:30	<b>16:30</b>
<b>Volume</b>	96	74	<b>162</b>	95	158	<b>251</b>
<b>P.H.F.</b>	0.86	0.93	<b>0.88</b>	0.91	0.86	<b>0.90</b>

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			0	0	12:00			15	18			
00:15			0	1	12:15			22	20			
00:30			1	0	12:30			20	16			
00:45			1	2	0	1	3	28	85	19	73	158
01:00			0	0	13:00			20	22			
01:15			0	0	13:15			19	18			
01:30			0	1	13:30			20	15			
01:45			1	1	0	1	2	22	81	20	75	156
02:00			0	1	14:00			20	16			
02:15			0	0	14:15			16	11			
02:30			0	1	14:30			11	9			
02:45			1	1	2	4	5	15	62	12	48	110
03:00			0	0	15:00			18	18			
03:15			0	0	15:15			20	20			
03:30			0	0	15:30			16	22			
03:45			0	0	0	0		26	80	28	88	168
04:00			0	2	16:00			21	30			
04:15			0	0	16:15			18	32			
04:30			0	1	16:30			20	45			
04:45			0	0	0	3	3	19	78	41	148	226
05:00			0	0	17:00			20	40			
05:15			1	2	17:15			18	31			
05:30			1	0	17:30			20	33			
05:45			0	2	2	4	6	22	80	28	132	212
06:00			0	0	18:00			20	26			
06:15			0	3	18:15			20	20			
06:30			2	2	18:30			23	15			
06:45			3	5	1	6	11	18	81	18	79	160
07:00			7	7	19:00			15	20			
07:15			10	9	19:15			19	11			
07:30			19	12	19:30			16	16			
07:45			20	56	18	46	102	11	61	9	56	117
08:00			28	20	20:00			14	12			
08:15			22	16	20:15			10	5			
08:30			20	11	20:30			10	4			
08:45			19	89	15	62	151	8	42	9	30	72
09:00			20	9	21:00			9	9			
09:15			16	12	21:15			10	5			
09:30			18	10	21:30			5	4			
09:45			10	64	9	40	104	4	28	3	21	49
10:00			9	9	22:00			6	5			
10:15			10	5	22:15			2	4			
10:30			5	9	22:30			4	2			
10:45			10	34	10	33	67	5	17	1	12	29
11:00			6	7	23:00			2	1			
11:15			11	12	23:15			3	2			
11:30			12	9	23:30			2	2			
11:45			18	47	14	42	89	2	9	1	6	15

**Total Vol.** 301 242 543 704 768 1472

		Daily Totals				
		NB	SB	EB	WB	Combined
				1005	1010	2015

Split %	AM			PM		
	55.4%	44.6%	<b>26.9%</b>	47.8%	52.2%	<b>73.1%</b>
<b>Peak Hour</b>	07:45	11:45	<b>07:30</b>	12:15	16:15	<b>16:15</b>
<b>Volume</b>	90	68	<b>155</b>	90	158	<b>235</b>
<b>P.H.F.</b>	0.80	0.85	<b>0.81</b>	0.80	0.88	<b>0.90</b>

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			1	0	12:00			14	15			
00:15			0	0	12:15			11	13			
00:30			0	0	12:30			14	13			
00:45			0	1	0	1	14	53	17	58	111	
01:00			0	1	13:00			9	11			
01:15			0	0	13:15			16	13			
01:30			0	0	13:30			14	7			
01:45			1	1	1	2	3	10	49	9	40	89
02:00			0	1	14:00			12	14			
02:15			0	0	14:15			21	10			
02:30			1	0	14:30			18	11			
02:45			0	1	0	1	2	2	53	20	55	108
03:00			0	0	15:00			27	18			
03:15			1	0	15:15			14	18			
03:30			0	2	15:30			10	23			
03:45			0	1	0	2	3	14	65	12	71	136
04:00			0	0	16:00			20	8			
04:15			0	0	16:15			19	15			
04:30			0	1	16:30			12	7			
04:45			0	0	0	1	1	5	56	15	45	101
05:00			0	1	17:00			10	14			
05:15			2	0	17:15			7	25			
05:30			2	0	17:30			11	14			
05:45			4	8	3	4	12	8	36	18	71	107
06:00			3	0	18:00			10	18			
06:15			5	1	18:15			14	10			
06:30			8	1	18:30			7	13			
06:45			13	29	3	5	34	11	42	8	49	91
07:00			10	8	19:00			8	12			
07:15			13	6	19:15			10	5			
07:30			17	8	19:30			1	7			
07:45			20	60	7	29	89	6	25	7	31	56
08:00			14	11	20:00			2	2			
08:15			17	13	20:15			2	8			
08:30			17	21	20:30			3	4			
08:45			22	70	17	62	132	4	11	3	17	28
09:00			12	5	21:00			1	4			
09:15			15	9	21:15			0	7			
09:30			10	9	21:30			2	3			
09:45			16	53	4	27	80	1	4	4	18	22
10:00			13	8	22:00			2	4			
10:15			15	11	22:15			1	2			
10:30			14	14	22:30			2	2			
10:45			10	52	10	43	95	0	5	2	10	15
11:00			10	9	23:00			0	1			
11:15			8	11	23:15			1	1			
11:30			9	8	23:30			0	0			
11:45			12	39	13	41	80	1	2	2	4	6

**Total Vol.** 315 217 532 401 469 870

**Daily Totals**

NB	SB	EB	WB	Combined
		716	686	1402

**AM**

**PM**

Split %	59.2%	40.8%	37.9%	46.1%	53.9%	62.1%
<b>Peak Hour</b>	08:00	08:00	08:00	14:15	14:45	15:00
<b>Volume</b>	70	62	132	68	79	136
<b>P.H.F.</b>	0.80	0.74	0.85	0.63	0.86	0.76

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			0	0	12:00			13	15			
00:15			0	1	12:15			16	16			
00:30			0	0	12:30			8	9			
00:45			0	0	12:45			15	52	11	51	103
01:00			0	0	13:00			12	13			
01:15			2	2	13:15			10	21			
01:30			0	0	13:30			9	17			
01:45			0	2	13:45			13	44	15	66	110
02:00			0	0	14:00			14	14			
02:15			0	0	14:15			19	18			
02:30			1	0	14:30			27	17			
02:45			0	1	14:45			14	74	25	74	148
03:00			0	0	15:00			12	21			
03:15			0	1	15:15			20	15			
03:30			2	1	15:30			25	17			
03:45			0	2	15:45			20	77	17	70	147
04:00			1	1	16:00			17	23			
04:15			0	0	16:15			13	12			
04:30			0	0	16:30			17	17			
04:45			0	1	16:45			14	61	16	68	129
05:00			2	0	17:00			15	15			
05:15			1	1	17:15			13	11			
05:30			4	0	17:30			14	13			
05:45			2	9	17:45			8	50	20	59	109
06:00			2	1	18:00			9	17			
06:15			6	1	18:15			12	11			
06:30			6	5	18:30			5	16			
06:45			12	26	18:45			5	31	8	52	83
07:00			7	8	19:00			3	11			
07:15			21	12	19:15			3	10			
07:30			20	10	19:30			10	10			
07:45			15	63	19:45			7	23	8	39	62
08:00			20	11	20:00			3	6			
08:15			25	20	20:15			3	4			
08:30			33	22	20:30			3	9			
08:45			24	102	20:45			0	9	7	26	35
09:00			18	21	21:00			2	10			
09:15			15	16	21:15			2	6			
09:30			12	14	21:30			1	6			
09:45			21	66	21:45			1	6	4	26	32
10:00			10	9	22:00			1	0			
10:15			17	14	22:15			2	1			
10:30			11	8	22:30			2	5			
10:45			17	55	22:45			0	5	0	6	11
11:00			17	12	23:00			0	0			
11:15			25	11	23:15			0	0			
11:30			15	8	23:30			0	1			
11:45			15	72	23:45			0	0	0	1	1

**Total Vol.** 399 294 **693** 432 538 **970**

Daily Totals				
NB	SB	EB	WB	Combined
		831	832	<b>1663</b>

Split %	AM			PM		
	57.6%	42.4%	<b>41.7%</b>	44.5%	55.5%	<b>58.3%</b>
<b>Peak Hour</b>	08:00	08:15	<b>08:15</b>	15:15	14:15	<b>15:15</b>
<b>Volume</b>	102	81	<b>181</b>	82	81	<b>154</b>
<b>P.H.F.</b>	0.77	0.92	<b>0.82</b>	0.82	0.81	<b>0.92</b>



HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			0	0	12:00			7	10			
00:15			0	1	12:15			17	14			
00:30			0	1	12:30			17	13			
00:45			0	0	1	3	3	16	57	10	47	104
01:00			0	0	13:00			10	13			
01:15			0	1	13:15			9	12			
01:30			1	0	13:30			12	11			
01:45			0	1	0	1	2	12	43	14	50	93
02:00			0	0	14:00			12	10			
02:15			0	0	14:15			15	9			
02:30			1	0	14:30			27	10			
02:45			0	1	0	0	1	11	65	14	43	108
03:00			0	0	15:00			17	22			
03:15			0	0	15:15			16	19			
03:30			0	0	15:30			15	14			
03:45			0	0	0	0		17	65	12	67	132
04:00			1	0	16:00			16	16			
04:15			1	0	16:15			15	15			
04:30			2	1	16:30			15	19			
04:45			0	4	2	3	7	14	60	22	72	132
05:00			3	0	17:00			10	16			
05:15			1	1	17:15			15	17			
05:30			2	1	17:30			9	15			
05:45			6	12	0	2	14	6	40	25	73	113
06:00			3	0	18:00			8	15			
06:15			6	3	18:15			10	10			
06:30			11	2	18:30			11	13			
06:45			11	31	13	18	49	14	43	11	49	92
07:00			15	6	19:00			8	8			
07:15			18	7	19:15			9	5			
07:30			22	12	19:30			5	8			
07:45			11	66	7	32	98	3	25	11	32	57
08:00			17	21	20:00			3	3			
08:15			28	13	20:15			1	1			
08:30			27	38	20:30			4	6			
08:45			17	89	12	84	173	6	14	7	17	31
09:00			18	10	21:00			1	7			
09:15			7	13	21:15			0	4			
09:30			17	17	21:30			0	2			
09:45			13	55	13	53	108	0	1	2	15	16
10:00			15	11	22:00			0	4			
10:15			21	14	22:15			0	2			
10:30			14	11	22:30			1	2			
10:45			11	61	19	55	116	0	1	1	9	10
11:00			16	18	23:00			0	1			
11:15			12	12	23:15			0	2			
11:30			19	10	23:30			1	1			
11:45			12	59	6	46	105	0	1	3	7	8

**Total Vol.** 379 297 **676** 415 481 **896**

Daily Totals				
NB	SB	EB	WB	Combined
		794	778	1572

Split %	AM			PM		
	56.1%	43.9%	43.0%	46.3%	53.7%	57.0%
<b>Peak Hour</b>	08:15	08:00	<b>08:00</b>	14:30	16:30	<b>14:30</b>
<b>Volume</b>	90	84	<b>173</b>	71	74	<b>136</b>
<b>P.H.F.</b>	0.80	0.55	<b>0.67</b>	0.66	0.84	<b>0.87</b>

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			0	0	12:00			12	11			
00:15			0	0	12:15			13	22			
00:30			0	0	12:30			18	15			
00:45			0	0	12:45			19	62	15	63	125
01:00			0	0	13:00			13	23			
01:15			0	0	13:15			12	9			
01:30			0	0	13:30			13	17			
01:45			1	1	13:45			14	52	18	67	119
02:00			0	0	14:00			20	14			
02:15			0	0	14:15			13	11			
02:30			1	1	14:30			23	16			
02:45			0	1	14:45			17	73	27	68	141
03:00			0	0	15:00			18	21			
03:15			0	0	15:15			24	33			
03:30			0	0	15:30			22	14			
03:45			0	0	15:45			12	76	13	81	157
04:00			0	0	16:00			19	17			
04:15			0	0	16:15			13	17			
04:30			1	0	16:30			13	26			
04:45			0	1	16:45			14	59	10	70	129
05:00			5	6	17:00			11	13			
05:15			2	1	17:15			16	12			
05:30			2	0	17:30			10	19			
05:45			4	13	17:45			11	48	21	65	113
06:00			1	1	18:00			6	17			
06:15			3	2	18:15			16	17			
06:30			8	1	18:30			11	17			
06:45			12	24	18:45			8	41	13	64	105
07:00			10	6	19:00			7	4			
07:15			15	5	19:15			7	6			
07:30			21	6	19:30			8	16			
07:45			6	52	19:45			1	23	9	35	58
08:00			20	14	20:00			1	6			
08:15			19	15	20:15			2	11			
08:30			33	17	20:30			1	5			
08:45			23	95	20:45			5	9	7	29	38
09:00			18	18	21:00			4	8			
09:15			19	7	21:15			4	1			
09:30			11	21	21:30			1	4			
09:45			16	64	21:45			2	11	11	24	35
10:00			14	18	22:00			0	9			
10:15			19	7	22:15			0	4			
10:30			9	20	22:30			2	0			
10:45			11	53	22:45			1	3	3	16	19
11:00			25	9	23:00			2	4			
11:15			16	8	23:15			0	0			
11:30			12	5	23:30			0	1			
11:45			17	70	23:45			0	2	0	5	7

**Total Vol.** 374 259 **633** 459 587 **1046**

Daily Totals				
NB	SB	EB	WB	Combined
		833	846	<b>1679</b>

Split %	AM			PM		
	59.1%	40.9%	<b>37.7%</b>	43.9%	56.1%	<b>62.3%</b>
<b>Peak Hour</b>	08:00	08:15	<b>08:15</b>	14:30	14:30	<b>14:30</b>
<b>Volume</b>	95	72	<b>165</b>	82	97	<b>179</b>
<b>P.H.F.</b>	0.72	0.82	<b>0.83</b>	0.85	0.73	<b>0.79</b>

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			1	1	12:00			17	23			
00:15			1	0	12:15			10	21			
00:30			0	1	12:30			21	11			
00:45			0	2	0	2	4	13	61	10	65	126
01:00			0	1	13:00			17	13			
01:15			0	0	13:15			9	6			
01:30			0	0	13:30			15	17			
01:45			0	0	1	2	2	15	56	11	47	103
02:00			0	0	14:00			18	16			
02:15			0	0	14:15			12	23			
02:30			1	0	14:30			25	21			
02:45			0	1	0	0	1	15	70	16	76	146
03:00			0	0	15:00			16	20			
03:15			0	0	15:15			14	24			
03:30			0	0	15:30			16	23			
03:45			0	0	0	0	0	17	63	16	83	146
04:00			0	1	16:00			21	20			
04:15			0	0	16:15			23	20			
04:30			1	1	16:30			7	19			
04:45			0	1	0	2	3	15	66	18	77	143
05:00			1	1	17:00			14	13			
05:15			2	0	17:15			10	17			
05:30			0	0	17:30			20	17			
05:45			3	6	0	1	7	11	55	20	67	122
06:00			2	0	18:00			11	8			
06:15			4	1	18:15			11	18			
06:30			8	2	18:30			7	12			
06:45			16	30	7	10	40	11	40	8	46	86
07:00			12	4	19:00			5	7			
07:15			23	12	19:15			3	4			
07:30			20	8	19:30			8	5			
07:45			18	73	14	38	111	5	21	9	25	46
08:00			16	11	20:00			1	11			
08:15			16	16	20:15			4	7			
08:30			21	27	20:30			2	5			
08:45			22	75	19	73	148	2	9	5	28	37
09:00			17	10	21:00			7	6			
09:15			16	11	21:15			0	4			
09:30			15	16	21:30			1	6			
09:45			17	65	15	52	117	2	10	6	22	32
10:00			17	14	22:00			2	5			
10:15			20	15	22:15			2	6			
10:30			11	12	22:30			3	4			
10:45			15	63	5	46	109	1	8	6	21	29
11:00			14	13	23:00			2	5			
11:15			9	10	23:15			1	0			
11:30			23	13	23:30			3	4			
11:45			24	70	20	56	126	4	10	1	10	20

**Total Vol.** 386 282 **668** 469 567 **1036**

**Daily Totals**

NB	SB	EB	WB	Combined
		855	849	<b>1704</b>

**AM**

**PM**

Split %	57.8%	42.2%	<b>39.2%</b>	45.3%	54.7%	<b>60.8%</b>
<b>Peak Hour</b>	07:15	11:30	<b>11:30</b>	15:30	14:45	<b>15:30</b>
<b>Volume</b>	77	77	<b>151</b>	77	83	<b>156</b>
<b>P.H.F.</b>	0.84	0.84	<b>0.86</b>	0.84	0.86	<b>0.91</b>

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			1	0	12:00			24	15			
00:15			2	1	12:15			10	24			
00:30			0	2	12:30			22	7			
00:45			1	4	5	8	12	11	67	14	60	127
01:00			0	0	13:00			15	13			
01:15			1	0	13:15			13	11			
01:30			0	0	13:30			13	11			
01:45			0	1	0	0	1	8	49	12	47	96
02:00			0	0	14:00			12	13			
02:15			0	1	14:15			14	24			
02:30			0	0	14:30			10	8			
02:45			0	0	1	2	2	11	47	13	58	105
03:00			0	0	15:00			20	11			
03:15			0	0	15:15			14	17			
03:30			1	1	15:30			18	13			
03:45			0	1	0	1	2	16	68	12	53	121
04:00			0	0	16:00			9	16			
04:15			0	0	16:15			14	14			
04:30			0	0	16:30			11	19			
04:45			1	1	1	1	2	12	46	18	67	113
05:00			0	0	17:00			15	22			
05:15			0	1	17:15			6	13			
05:30			3	0	17:30			11	11			
05:45			0	3	1	2	5	9	41	10	56	97
06:00			0	2	18:00			12	15			
06:15			3	5	18:15			7	8			
06:30			4	0	18:30			10	7			
06:45			6	13	2	9	22	6	35	12	42	77
07:00			9	4	19:00			8	10			
07:15			5	2	19:15			7	9			
07:30			4	4	19:30			9	16			
07:45			4	22	1	11	33	5	29	7	42	71
08:00			17	3	20:00			6	3			
08:15			11	7	20:15			5	5			
08:30			8	2	20:30			4	5			
08:45			17	53	5	17	70	4	19	7	20	39
09:00			8	11	21:00			4	5			
09:15			10	10	21:15			6	3			
09:30			12	8	21:30			3	4			
09:45			15	45	15	44	89	6	19	4	16	35
10:00			15	25	22:00			3	6			
10:15			13	14	22:15			3	4			
10:30			18	16	22:30			1	3			
10:45			14	60	9	64	124	5	12	3	16	28
11:00			20	10	23:00			2	3			
11:15			16	7	23:15			2	3			
11:30			15	16	23:30			1	5			
11:45			11	62	11	44	106	1	6	1	12	18

**Total Vol.** 265 203 **468** 438 489 **927**

Daily Totals				
NB	SB	EB	WB	Combined
		703	692	<b>1395</b>

Split %	AM			PM		
	56.6%	43.4%	<b>33.5%</b>	47.2%	52.8%	<b>66.5%</b>
<b>Peak Hour</b>	10:30	09:45	<b>09:45</b>	15:00	16:15	<b>12:00</b>
<b>Volume</b>	68	70	<b>131</b>	68	73	<b>127</b>
<b>P.H.F.</b>	0.85	0.70	<b>0.82</b>	0.85	0.83	<b>0.81</b>

HIGHLAND BTN SOLANA & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			1	1	12:00			10	4			
00:15			0	1	12:15			19	9			
00:30			0	1	12:30			17	9			
00:45			0	1	0	3	4	3	49	15	37	86
01:00			2	1	13:00			16	8			
01:15			0	0	13:15			11	11			
01:30			0	2	13:30			15	10			
01:45			2	4	1	4	8	9	51	15	44	95
02:00			0	1	14:00			9	9			
02:15			1	0	14:15			17	10			
02:30			0	0	14:30			5	16			
02:45			0	1	1	2	3	7	38	10	45	83
03:00			0	0	15:00			3	9			
03:15			0	0	15:15			6	5			
03:30			0	0	15:30			12	10			
03:45			0	0	0	0		13	34	13	37	71
04:00			0	0	16:00			5	7			
04:15			0	0	16:15			8	9			
04:30			0	0	16:30			11	12			
04:45			0	0	0	0		10	34	11	39	73
05:00			0	0	17:00			0	10			
05:15			0	0	17:15			6	10			
05:30			0	2	17:30			3	5			
05:45			1	1	1	3	4	6	15	6	31	46
06:00			3	2	18:00			9	10			
06:15			2	2	18:15			5	5			
06:30			3	1	18:30			4	7			
06:45			3	11	0	5	16	8	26	4	26	52
07:00			2	1	19:00			7	4			
07:15			0	1	19:15			3	7			
07:30			5	0	19:30			1	8			
07:45			1	8	2	4	12	1	12	6	25	37
08:00			4	2	20:00			5	3			
08:15			3	7	20:15			3	3			
08:30			4	5	20:30			4	1			
08:45			8	19	4	18	37	4	16	6	13	29
09:00			6	4	21:00			1	6			
09:15			4	3	21:15			3	4			
09:30			5	4	21:30			1	3			
09:45			4	19	4	15	34	2	7	4	17	24
10:00			9	10	22:00			2	0			
10:15			11	6	22:15			0	5			
10:30			11	13	22:30			1	2			
10:45			13	44	14	43	87	0	3	2	9	12
11:00			7	6	23:00			1	0			
11:15			12	11	23:15			0	1			
11:30			9	5	23:30			1	0			
11:45			18	46	9	31	77	0	2	0	1	3

**Total Vol.** 154 128 **282** 287 324 **611**

**Daily Totals**

NB	SB	EB	WB	Combined
		441	452	<b>893</b>

**AM**

**PM**

<b>Split %</b>	54.6%	45.4%	<b>31.6%</b>	47.0%	53.0%	<b>68.4%</b>
<b>Peak Hour</b>	11:45	10:30	<b>11:45</b>	12:15	13:45	<b>12:15</b>
<b>Volume</b>	64	44	<b>95</b>	55	50	<b>96</b>
<b>P.H.F.</b>	0.84	0.79	<b>0.85</b>	0.72	0.78	<b>0.86</b>

MONDAY 6/29/15

CITY: SOLANA BEACH

PROJECT: PDT15-0703-01

ADT03-HIGHLAND DR- SOLANA DR. & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			1	1	12:00			14	11			
00:15			0	0	12:15			13	15			
00:30			0	0	12:30			9	8			
00:45			0	1	0	1	2	15	51	10	44	95
01:00			0	0	13:00			9	8			
01:15			0	0	13:15			9	11			
01:30			0	0	13:30			7	10			
01:45			0	0	0	0		15	40	14	43	83
02:00			0	0	14:00			12	12			
02:15			0	1	14:15			10	11			
02:30			1	0	14:30			10	7			
02:45			1	2	0	1	3	11	43	13	43	86
03:00			0	0	15:00							
03:15			0	0	15:15			19	12			
03:30			0	0	15:30			10	18			
03:45			0	0	0	0		12	41	14	44	85
04:00			0	0	16:00			11	11			
04:15			1	0	16:15			7	9			
04:30			0	0	16:30			6	13			
04:45			0	1	0	0	1	10	34	9	42	76
05:00			3	1	17:00			10	9			
05:15			3	0	17:15			10	17			
05:30			1	0	17:30			10	13			
05:45			3	10	0	1	11	13	43	11	50	93
06:00			2	1	18:00			8	17			
06:15			8	3	18:15			11	12			
06:30			7	4	18:30			7	12			
06:45			5	22	4	12	34	5	31	7	48	79
07:00			4	4	19:00			5	8			
07:15			6	6	19:15			7	12			
07:30			13	4	19:30			7	11			
07:45			18	41	3	17	58	4	23	4	35	58
08:00			16	7	20:00			4	5			
08:15			15	10	20:15			3	4			
08:30			12	5	20:30			2	7			
08:45			20	63	10	32	95	4	13	5	21	34
09:00			11	9	21:00			1	6			
09:15			13	11	21:15			0	6			
09:30			8	8	21:30			3	0			
09:45			16	48	11	39	87	1	5	2	14	19
10:00			13	10	22:00			0	4			
10:15			10	14	22:15			5	0			
10:30			12	11	22:30			2	5			
10:45			9	44	5	40	84	2	9	0	9	18
11:00			9	13	23:00			0	0			
11:15			17	13	23:15			2	2			
11:30			13	10	23:30			0	0			
11:45			11	50	11	47	97	0	2	1	3	5

**Total Vol.** 282 190 **472** 335 396 **731**

Daily Totals				
NB	SB	EB	WB	Combined
		617	586	<b>1203</b>

Split %	AM			PM		
	59.7%	40.3%	<b>39.2%</b>	45.8%	54.2%	<b>60.8%</b>
<b>Peak Hour</b>	08:00	11:00	<b>11:15</b>	15:15	17:15	<b>15:15</b>
<b>Volume</b>	63	47	<b>100</b>	52	58	<b>107</b>
<b>P.H.F.</b>	0.79	0.90	<b>0.83</b>	0.68	0.85	<b>0.86</b>

TUESDAY 6/30/15

CITY: SOLANA BEACH

PROJECT: PDT15-0703-01

ADT03-HIGHLAND DR- SOLANA DR. & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB				
00:00			0	1	12:00			16	12				
00:15			0	1	12:15			20	8				
00:30			0	1	12:30			11	14				
00:45			0	0	0	3	3	12:45	15	62	16	50	112
01:00			0	1	13:00			7	11				
01:15			0	2	13:15			13	6				
01:30			0	0	13:30			11	15				
01:45			0	0	0	3	3	13:45	18	49	15	47	96
02:00			1	0	14:00			14	15				
02:15			0	0	14:15			11	11				
02:30			1	0	14:30			16	12				
02:45			0	2	0	0	2	14:45	10	51	13	51	102
03:00			0	0	15:00			10	16				
03:15			0	0	15:15			16	12				
03:30			0	0	15:30			8	17				
03:45			0	0	0	0	0	15:45	12	46	11	56	102
04:00			0	0	16:00			12	12				
04:15			0	0	16:15			6	11				
04:30			2	1	16:30			11	7				
04:45			2	4	0	1	5	16:45	6	35	18	48	83
05:00			2	0	17:00			15	13				
05:15			0	0	17:15			9	24				
05:30			1	2	17:30			5	11				
05:45			2	5	0	2	7	17:45	10	39	12	60	99
06:00			2	1	18:00			7	16				
06:15			7	5	18:15			13	15				
06:30			7	5	18:30			8	11				
06:45			7	23	6	17	40	18:45	6	34	9	51	85
07:00			5	6	19:00			4	4				
07:15			9	10	19:15			7	11				
07:30			11	3	19:30			12	8				
07:45			18	43	16	35	78	19:45	4	27	6	29	56
08:00			19	8	20:00			7	5				
08:15			19	9	20:15			6	13				
08:30			18	13	20:30			3	12				
08:45			15	71	14	44	115	20:45	4	20	7	37	57
09:00			10	11	21:00			7	12				
09:15			11	12	21:15			2	3				
09:30			13	9	21:30			2	5				
09:45			12	46	12	44	90	21:45	2	13	5	25	38
10:00			12	10	22:00			1	5				
10:15			12	15	22:15			4	5				
10:30			20	9	22:30			1	5				
10:45			13	57	12	46	103	22:45	2	8	2	17	25
11:00			11	13	23:00			2	4				
11:15			12	11	23:15			2	2				
11:30			15	11	23:30			2	0				
11:45			14	52	12	47	99	23:45	0	6	2	8	14

**Total Vol.** 303 242 **545** 390 479 **869**

Daily Totals				
NB	SB	EB	WB	Combined
		693	721	<b>1414</b>

Split %	AM			PM		
	55.6%	44.4%	<b>38.5%</b>	44.9%	55.1%	<b>61.5%</b>
<b>Peak Hour</b>	07:45	08:30	<b>07:45</b>	12:00	16:45	<b>12:00</b>
<b>Volume</b>	74	50	<b>120</b>	62	66	<b>112</b>
<b>P.H.F.</b>	0.97	0.89	<b>0.88</b>	0.78	0.69	<b>0.90</b>

WEDNESDAY 7/1/15

CITY: SOLANA BEACH

PROJECT: PDT15-0703-01

ADT03-HIGHLAND DR- SOLANA DR. & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			0	1	12:00			15	9			
00:15			0	0	12:15			15	11			
00:30			0	0	12:30			14	7			
00:45			0	0	12:45			11	55	15	42	97
01:00			0	0	13:00			16	12			
01:15			0	0	13:15			12	13			
01:30			0	0	13:30			13	10			
01:45			0	0	13:45			13	54	16	51	105
02:00			0	0	14:00			12	12			
02:15			0	0	14:15			8	9			
02:30			1	0	14:30			12	10			
02:45			0	1	14:45			15	47	13	44	91
03:00			1	0	15:00			21	16			
03:15			0	0	15:15			11	22			
03:30			0	0	15:30			14	16			
03:45			0	1	15:45			12	58	15	69	127
04:00			0	0	16:00			11	12			
04:15			0	0	16:15			8	14			
04:30			1	1	16:30			4	7			
04:45			0	1	16:45			15	38	15	48	86
05:00			2	1	17:00			12	12			
05:15			1	0	17:15			12	15			
05:30			2	0	17:30			13	9			
05:45			4	9	17:45			9	46	10	46	92
06:00			5	1	18:00			12	17			
06:15			5	2	18:15			3	9			
06:30			7	6	18:30			8	12			
06:45			5	22	18:45			6	29	8	46	75
07:00			4	6	19:00			12	13			
07:15			5	8	19:15			7	10			
07:30			14	5	19:30			2	7			
07:45			16	39	19:45			5	26	7	37	63
08:00			18	6	20:00			1	5			
08:15			13	1	20:15			6	6			
08:30			18	8	20:30			2	5			
08:45			14	63	20:45			2	11	5	21	32
09:00			13	11	21:00			0	6			
09:15			12	13	21:15			2	4			
09:30			13	8	21:30			2	3			
09:45			13	51	21:45			2	6	4	17	23
10:00			13	10	22:00			3	2			
10:15			14	17	22:15			2	6			
10:30			20	13	22:30			0	3			
10:45			12	59	22:45			0	5	6	17	22
11:00			19	13	23:00			2	1			
11:15			14	12	23:15			1	2			
11:30			15	15	23:30			0	0			
11:45			15	63	23:45			0	3	1	4	7

**Total Vol.** 309 223 **532** 378 442 **820**

Daily Totals				
NB	SB	EB	WB	Combined
		687	665	<b>1352</b>

Split %	AM			PM		
	58.1%	41.9%	<b>39.3%</b>	46.1%	53.9%	<b>60.7%</b>
<b>Peak Hour</b>	07:45	11:00	<b>11:00</b>	14:45	15:00	<b>14:45</b>
<b>Volume</b>	65	56	<b>119</b>	61	69	<b>128</b>
<b>P.H.F.</b>	0.90	0.88	<b>0.93</b>	0.73	0.78	<b>0.86</b>



THURSDAY 7/2/15

CITY: SOLANA BEACH

PROJECT: PDT15-0703-01

ADT03-HIGHLAND DR- SOLANA DR. & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			0	0	12:00			21	12			
00:15			0	1	12:15			11	15			
00:30			1	1	12:30			14	9			
00:45			1	2	0	2	4	12	58	15	51	109
01:00			2	0	13:00			14	11			
01:15			1	1	13:15			10	19			
01:30			0	1	13:30			17	11			
01:45			0	3	0	2	5	16	57	12	53	110
02:00			0	0	14:00			12	19			
02:15			0	0	14:15			7	13			
02:30			1	0	14:30			13	12			
02:45			1	2	0	0	2	18	50	13	57	107
03:00			0	0	15:00			9	16			
03:15			0	0	15:15			13	15			
03:30			0	0	15:30			19	13			
03:45			1	1	0	0	1	14	55	6	50	105
04:00			0	1	16:00			12	12			
04:15			0	0	16:15			9	16			
04:30			1	0	16:30			14	16			
04:45			1	2	0	1	3	6	41	17	61	102
05:00			3	1	17:00			10	14			
05:15			1	0	17:15			7	14			
05:30			1	0	17:30			10	7			
05:45			6	11	1	2	13	5	32	9	44	76
06:00			2	0	18:00			7	16			
06:15			7	5	18:15			9	11			
06:30			5	6	18:30			10	10			
06:45			13	27	3	14	41	9	35	14	51	86
07:00			6	13	19:00			7	11			
07:15			7	6	19:15			10	13			
07:30			15	7	19:30			8	5			
07:45			17	45	8	34	79	6	31	8	37	68
08:00			10	7	20:00			6	11			
08:15			16	9	20:15			11	10			
08:30			17	18	20:30			7	3			
08:45			20	63	9	43	106	8	32	5	29	61
09:00			7	6	21:00			4	7			
09:15			15	14	21:15			4	9			
09:30			6	6	21:30			3	5			
09:45			20	48	12	38	86	0	11	3	24	35
10:00			10	12	22:00			0	5			
10:15			16	15	22:15			3	3			
10:30			19	8	22:30			1	3			
10:45			13	58	9	44	102	2	6	4	15	21
11:00			15	3	23:00			3	5			
11:15			10	10	23:15			2	1			
11:30			13	10	23:30			2	5			
11:45			20	58	15	38	96	0	7	0	11	18

**Total Vol.** 320 218 **538** 415 483 **898**

Daily Totals				
NB	SB	EB	WB	Combined
		735	701	<b>1436</b>

Split %	AM			PM		
	59.5%	40.5%	<b>37.5%</b>	46.2%	53.8%	<b>62.5%</b>
<b>Peak Hour</b>	11:45	11:30	<b>11:30</b>	14:45	16:15	<b>13:15</b>
<b>Volume</b>	66	52	<b>117</b>	59	63	<b>116</b>
<b>P.H.F.</b>	0.79	0.87	<b>0.84</b>	0.78	0.93	<b>0.94</b>

FRIDAY 7/3/15

CITY: SOLANA BEACH

PROJECT: PDT15-0703-01

ADT03-HIGHLAND DR- SOLANA DR. & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB			
00:00			0	0	12:00			17	7			
00:15			1	1	12:15			15	17			
00:30			0	2	12:30			22	7			
00:45			2	3	0	3	6	14	68	15	46	114
01:00			0	0	13:00			13	10			
01:15			0	0	13:15			5	13			
01:30			0	0	13:30			21	21			
01:45			0	0	0	0		19	58	11	55	113
02:00			1	0	14:00			6	13			
02:15			0	1	14:15			9	17			
02:30			0	0	14:30			17	11			
02:45			0	1	0	1	2	14	46	12	53	99
03:00			0	0	15:00			11	14			
03:15			0	0	15:15			9	13			
03:30			1	1	15:30			10	10			
03:45			1	2	1	2	4	10	40	7	44	84
04:00			2	0	16:00			11	15			
04:15			1	1	16:15			14	8			
04:30			0	1	16:30			16	11			
04:45			0	3	0	2	5	10	51	9	43	94
05:00			1	0	17:00			12	10			
05:15			0	0	17:15			18	12			
05:30			1	1	17:30			17	20			
05:45			3	5	0	1	6	13	60	6	48	108
06:00			2	0	18:00			4	13			
06:15			3	5	18:15			13	11			
06:30			1	3	18:30			10	11			
06:45			6	12	7	15	27	11	38	7	42	80
07:00			3	5	19:00			8	8			
07:15			5	5	19:15			8	10			
07:30			7	3	19:30			12	6			
07:45			10	25	8	21	46	8	36	8	32	68
08:00			9	8	20:00			8	11			
08:15			10	5	20:15			4	14			
08:30			9	6	20:30			6	4			
08:45			9	37	8	27	64	3	21	3	32	53
09:00			12	7	21:00			3	6			
09:15			8	7	21:15			3	7			
09:30			15	13	21:30			1	4			
09:45			15	50	8	35	85	2	9	2	19	28
10:00			14	9	22:00			1	2			
10:15			15	11	22:15			1	6			
10:30			13	7	22:30			4	8			
10:45			12	54	9	36	90	2	8	0	16	24
11:00			14	18	23:00			3	3			
11:15			14	12	23:15			2	3			
11:30			16	17	23:30			2	0			
11:45			16	60	12	59	119	1	8	0	6	14

**Total Vol.** 252 202 **454** 443 436 **879**

Daily Totals				
NB	SB	EB	WB	Combined
		695	638	<b>1333</b>

Split %	AM			PM		
	55.5%	44.5%	<b>34.1%</b>	50.4%	49.6%	<b>65.9%</b>
<b>Peak Hour</b>	11:45	11:00	<b>11:00</b>	12:00	13:30	<b>13:30</b>
<b>Volume</b>	70	59	<b>119</b>	68	62	<b>117</b>
<b>P.H.F.</b>	0.80	0.82	<b>0.90</b>	0.77	0.74	<b>0.70</b>

SATURDAY 7/4/15

CITY: SOLANA BEACH

PROJECT: PDT15-0703-01

ADT03-HIGHLAND DR- SOLANA DR. & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB				
00:00			2	4	12:00			9	10				
00:15			3	3	12:15			9	7				
00:30			0	0	12:30			8	9				
00:45			0	5	1	8	13	12:45	5	31	7	33	64
01:00			0	0	13:00			8	9				
01:15			1	2	13:15			7	7				
01:30			1	0	13:30			7	7				
01:45			1	3	3	5	8	13:45	9	31	8	31	62
02:00			0	1	14:00			10	7				
02:15			1	0	14:15			7	6				
02:30			0	0	14:30			9	18				
02:45			0	1	0	1	2	14:45	10	36	13	44	80
03:00			0	0	15:00			9	3				
03:15			0	0	15:15			8	9				
03:30			0	1	15:30			8	15				
03:45			1	1	1	2	3	15:45	6	31	7	34	65
04:00			0	1	16:00			9	10				
04:15			0	0	16:15			8	12				
04:30			0	0	16:30			6	16				
04:45			1	1	0	1	2	16:45	3	26	12	50	76
05:00			1	0	17:00			10	13				
05:15			0	1	17:15			5	2				
05:30			0	1	17:30			7	12				
05:45			2	3	0	2	5	17:45	5	27	10	37	64
06:00			0	1	18:00			8	11				
06:15			2	0	18:15			9	12				
06:30			3	1	18:30			5	5				
06:45			3	8	0	2	10	18:45	4	26	9	37	63
07:00			4	1	19:00			6	13				
07:15			3	0	19:15			12	4				
07:30			3	4	19:30			8	7				
07:45			5	15	4	9	24	19:45	3	29	6	30	59
08:00			7	4	20:00			2	12				
08:15			4	3	20:15			9	16				
08:30			5	4	20:30			6	30				
08:45			14	30	5	16	46	20:45	2	19	46	104	123
09:00			11	5	21:00			1	14				
09:15			5	7	21:15			47	10				
09:30			7	5	21:30			58	13				
09:45			14	37	5	22	59	21:45	20	126	8	45	171
10:00			12	4	22:00			6	8				
10:15			7	8	22:15			10	1				
10:30			7	8	22:30			10	9				
10:45			5	31	5	25	56	22:45	4	30	4	22	52
11:00			10	11	23:00			7	5				
11:15			8	11	23:15			0	4				
11:30			9	6	23:30			8	2				
11:45			11	38	9	37	75	23:45	6	21	6	17	38

**Total Vol.** 173 130 **303** 433 484 **917**

Daily Totals				
NB	SB	EB	WB	Combined
		606	614	1220

Split %	AM			PM		
	57.1%	42.9%	24.8%	47.2%	52.8%	75.2%
<b>Peak Hour</b>	09:30	11:00	<b>11:00</b>	21:15	20:15	<b>20:45</b>
<b>Volume</b>	40	37	<b>75</b>	131	106	<b>191</b>
<b>P.H.F.</b>	0.71	0.84	<b>0.89</b>	0.56	0.58	<b>0.67</b>

SUNDAY 7/5/15

CITY: SOLANA BEACH

PROJECT: PDT15-0703-01

ADT03-HIGHLAND DR- SOLANA DR. & SAN ANDRES

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB				
00:00			2	3	12:00			9	10				
00:15			1	6	12:15			13	11				
00:30			1	1	12:30			15	9				
00:45			0	4	0	10	14	12:45	8	45	9	39	84
01:00			1	2	13:00			13	12				
01:15			2	0	13:15			11	5				
01:30			0	0	13:30			8	11				
01:45			0	3	0	2	5	13:45	14	46	10	38	84
02:00			2	1	14:00			9	8				
02:15			0	0	14:15			5	9				
02:30			0	0	14:30			13	8				
02:45			0	2	0	1	3	14:45	6	33	6	31	64
03:00			0	0	15:00			4	3				
03:15			0	0	15:15			7	12				
03:30			1	0	15:30			14	8				
03:45			0	1	0	0	1	15:45	11	36	11	34	70
04:00			0	0	16:00			8	7				
04:15			0	0	16:15			8	6				
04:30			0	0	16:30			8	6				
04:45			1	1	0	0	1	16:45	3	27	7	26	53
05:00			3	1	17:00			7	11				
05:15			1	1	17:15			4	8				
05:30			0	0	17:30			5	7				
05:45			0	4	2	4	8	17:45	12	28	4	30	58
06:00			2	0	18:00			4	6				
06:15			0	2	18:15			9	3				
06:30			1	0	18:30			6	1				
06:45			0	3	0	2	5	18:45	2	21	7	17	38
07:00			2	1	19:00			6	9				
07:15			2	1	19:15			5	5				
07:30			4	0	19:30			6	7				
07:45			2	10	2	4	14	19:45	4	21	6	27	48
08:00			6	3	20:00			2	5				
08:15			2	1	20:15			1	9				
08:30			9	1	20:30			0	7				
08:45			6	23	4	9	32	20:45	1	4	6	27	31
09:00			3	2	21:00			3	2				
09:15			12	7	21:15			3	3				
09:30			5	5	21:30			1	6				
09:45			6	26	12	26	52	21:45	4	11	2	13	24
10:00			5	9	22:00			1	1				
10:15			11	5	22:15			3	3				
10:30			12	7	22:30			3	3				
10:45			9	37	6	27	64	22:45	4	11	3	10	21
11:00			20	6	23:00			1	1				
11:15			21	6	23:15			1	0				
11:30			13	9	23:30			0	5				
11:45			8	62	7	28	90	23:45	2	4	1	7	11

**Total Vol.** 176 113 **289** 287 299 **586**

Daily Totals				
NB	SB	EB	WB	Combined
		463	412	<b>875</b>

Split %	AM			PM		
	60.9%	39.1%	<b>33.0%</b>	49.0%	51.0%	<b>67.0%</b>
<b>Peak Hour</b>	10:45	11:30	<b>10:45</b>	12:15	12:15	<b>12:15</b>
<b>Volume</b>	63	37	<b>90</b>	49	41	<b>90</b>
<b>P.H.F.</b>	0.75	0.84	<b>0.83</b>	0.82	0.85	<b>0.90</b>

## **Las Banderas Drive (from Lomas Santa Fe Dr to San Andres Dr)**

The City of Solana Beach circulation element states in Section 4.1.2 Functional Classification that a roadways designated as collector has a design capacity of 10,000 vehicles per day. This same section states that La Banderas Drive between Lomas Santa Fe Drive and San Andres Drive is a collector. Daily traffic counts were collect on La Banderas Drive between Lomas Santa Fe Drive and San Andres Drive on Wednesday November 18, 2015 with 3,936 ADT and on Thursday November 19, 2015 with 4,095 ADT. The average over two day is 4,016 and is well below the noted 10,000 ADT capacity for a collector. Therefore, the background 4,016 ADT and background with project traffic  $4,016 \text{ ADT} + 263 \text{ ADT} = 4,279 \text{ ADT}$  are well below the 10,000 ADT capacity.







EVENTS CALENDAR FACILITIES SAN DIEGO COUNTY FAIR MAPS & DIRECTIONS ABOUT US VACATION PLANNER

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## Events Calendar

<< Previous Month **May 2014** Next Month >>

Events Categories:

- Del Mar National Horse Show
- San Diego County Fair
- The Scream Zone
- Holiday of Lights
- Surfside Race Place
- Del Mar Thoroughbred Club

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Del Mar Electronics and Design Show  Del Mar National Hunter-Jumper Week  Golf Mart - Tent Sale / Demo Day  Surfside Satellite Wagering Horse Racing	2 Del Mar National Hunter-Jumper Week  Golf Mart - Tent Sale / Demo Day  Surfside Satellite Wagering Horse Racing  The Del Mar Antique Show	3 \$100,000 Grand Prix of Del Mar  23rd Annual Pug Party  Del Mar National Hunter-Jumper Week  Golf Mart - Tent Sale / Demo Day  Kentucky Derby Simulcast at Surfside Race Place  Plumbing Heating Cooling Contractors (PHCC) Trade Show  Saturday Guitar Camp  Surfside Satellite Wagering Horse Racing  The Del Mar Antique Show
4 Bingo Del Mar  Del Mar National Hunter-Jumper Week  Golf Mart - Tent Sale / Demo Day  Surfside Satellite Wagering Horse Racing  The Del Mar Antique Show	5	6	7 Surfside Satellite Wagering Horse Racing	8 Surfside Satellite Wagering Horse Racing	9 Surfside Satellite Wagering Horse Racing	10 ROC Race San Diego  Saturday Guitar Camp  Surfside Satellite Wagering Horse Racing





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## Events Calendar

<< Previous Month **July 2014** Next Month >>

Events Categories:

- [Del Mar National Horse Show](#)
- [San Diego County Fair](#)
- [The Scream Zone](#)
- [Holiday of Lights](#)
- [Surfside Race Place](#)
- [Del Mar Thoroughbred Club](#)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 Surfside Satellite Wagering Horse Racing	3 Surfside Satellite Wagering Horse Racing	4 Surfside Satellite Wagering Horse Racing	5 Surfside Satellite Wagering Horse Racing
6 Surfside Satellite Wagering Horse Racing	7 Bingo Del Mar	8	9 Surfside Satellite Wagering Horse Racing	10 Surfside Satellite Wagering Horse Racing	11 Surfside Satellite Wagering Horse Racing	12 Crossroads of the West Gun Show  Surfside Satellite Wagering Horse Racing
13 Crossroads of the West Gun Show  Surfside Satellite Wagering Horse Racing	14 Bingo Del Mar	15	16	17 Del Mar Horse Racing Live Meet	18 Del Mar Horse Racing Live Meet	19 Del Mar Horse Racing Live Meet
20 Del Mar Horse Racing Live Meet	21 Bingo Del Mar	22	23 Del Mar Horse Racing Live Meet	24 Del Mar Horse Racing Live Meet	25 Del Mar Horse Racing Live Meet	26 Del Mar Horse Racing Live Meet
27 Del Mar Horse Racing Live Meet	28 Bingo Del Mar	29	30 Del Mar Horse Racing Live Meet	31 Del Mar Horse Racing Live Meet		



# Events Calendar

<< Previous Month **November 2014** Next Month >>

Events Categories:  ▾

- Del Mar National Horse Show
- San Diego County Fair
- The Scream Zone
- Holiday of Lights
- Surfside Race Place
- Del Mar Thoroughbred Club

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Breeders' Cup Horse Race  Surfside Race Place Satellite Wagering Horse Racing  The Scream Zone
2 Bingo Del Mar  Surfside Race Place Satellite Wagering Horse Racing	3	4	5	6	7 Del Mar Horse Racing Live Meet  Diamond Jubilee County Horse Show  Seasons of the Heart Craft, Decor, and Gift Faire	8 Del Mar Horse Racing Live Meet  Diamond Jubilee County Horse Show  Seasons of the Heart Craft, Decor, and Gift Faire
9 Bingo Del Mar  Del Mar Horse Racing Live Meet  Diamond Jubilee County Horse Show  Seasons of the Heart Craft, Decor, and Gift Faire	10	11	12	13 Del Mar Horse Racing Live Meet	14 Del Mar Horse Racing Live Meet  SnowJam Ski & Snowboard Expo	15 Del Mar Horse Racing Live Meet  SnowJam Ski & Snowboard Expo
16 Del Mar Bingo  Del Mar Horse Racing Live Meet  SnowJam Ski & Snowboard Expo	17	18	19	20 Del Mar Horse Racing Live Meet	21 Del Mar Horse Racing Live Meet  Susan G. Komen San Diego 3-Day  The Del Mar Antique Show	22 Del Mar Horse Racing Live Meet  Susan G. Komen San Diego 3-Day  The Del Mar Antique Show



Del Mar National Horse Show

## Events Calendar

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<< Previous Month **February 2015** Next Month >>

Events Categories:

Sun	Mon	Tue	Wed	Thu	Fri	Sat
22 Bingo Del Mar	23	24 California Bar Examination	25 California Bar Examination	26 California Bar Examination	27 Show Me the Money Qtr Horse	28 2015 San Diego Pet Expo
Silver Bay Kennel Club Dog Show		The Marvel Experience - Extended one more week	Surfside Race Place Satellite Wagering Horse Racing	Show Me the Money Qtr Horse	Surfside Race Place Satellite Wagering Horse Racing	Show Me the Money Qtr Horse
Surfside Race Place Satellite Wagering Horse Racing			The Marvel Experience - Extended one more week	Surfside Race Place Satellite Wagering Horse Racing	The Marvel Experience - Extended one more week	Surfside Race Place Satellite Wagering Horse Racing
The Marvel Experience - Extended one more week				The Marvel Experience - Extended one more week		The Marvel Experience - Extended one more week

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Del Mar National Horse Show

## Events Calendar

<< Previous Month **March 2015** Next Month >>

Events Categories:

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 Bingo Del Mar	2	3	4 Surfside Race Place Satellite Wagering Horse Racing	5 Surfside Race Place Satellite Wagering Horse Racing	6 Dressage Affaire	7 28th Annual Koi Show
Show Me the Money Qtr Horse					Gem Faire	Dressage Affaire
Surfside Race Place Satellite Wagering Horse Racing					Spring Home/Garden Show	Flat Track Motorcycle Racing
The Marvel Experience - Extended one more week					Surfside Race Place Satellite Wagering Horse Racing	Gem Faire
						Spring Home/Garden Show
						Surfside Race Place Satellite Wagering Horse Racing





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## Events Calendar

<< Previous Month **June 2015** Next Month >>

Events Categories:  ▾

- [Del Mar National Horse Show](#)
- [San Diego County Fair](#)
- [The Scream Zone](#)
- [Holiday of Lights](#)
- [Surfside Race Place](#)
- [Del Mar Thoroughbred Club](#)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Surfside Race Place Satellite Wagering Horse Racing	2 Surfside Race Place Satellite Wagering Horse Racing	3 Surfside Race Place Satellite Wagering Horse Racing	4 Surfside Race Place Satellite Wagering Horse Racing	5 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	6 Belmont Stakes Horse Race  San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing
7 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	8	9	10 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	11 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	12 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	13 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing
14 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	15	16	17 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	18 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	19 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	20 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing
21 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	22	23 San Diego County Fair	24 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	25 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	26 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	27 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing
28 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	29	30 San Diego County Fair				



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- Del Mar National Horse Show
- San Diego County Fair
- The Scream Zone
- Holiday of Lights
- Surfside Race Place
- Del Mar Thoroughbred Club

## Events Calendar

<< Previous Month **July 2015** Next Month >>

Events Categories:

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	2 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	3 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	4 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing
5 San Diego County Fair  Surfside Race Place Satellite Wagering Horse Racing	6 Surfside Race Place Satellite Wagering Horse Racing	7 Surfside Race Place Satellite Wagering Horse Racing	8 Surfside Race Place Satellite Wagering Horse Racing	9 Surfside Race Place Satellite Wagering Horse Racing	10 Surfside Race Place Satellite Wagering Horse Racing	11 Crossroads of the West Gun Show  Surfside Race Place Satellite Wagering Horse Racing
12 Crossroads of the West Gun Show  Surfside Race Place Satellite Wagering Horse Racing	13	14 Showpark Summer Festival Horse Show	15 Showpark Summer Festival Horse Show	16 Del Mar Horse Racing Live Meet  Showpark Summer Festival Horse Show	17 Del Mar Horse Racing Live Meet  Showpark Summer Festival Horse Show	18 Del Mar Horse Racing Live Meet  Showpark Summer Festival Horse Show
19 Del Mar Horse Racing Live Meet  Showpark Summer Festival Horse Show	20 Showpark Racing Festival Horse Show	21 Showpark Racing Festival Horse Show	22 Del Mar Horse Racing Live Meet  Showpark Racing Festival Horse Show	23 Del Mar Horse Racing Live Meet  Showpark Racing Festival Horse Show	24 Del Mar Horse Racing Live Meet  Showpark Racing Festival Horse Show	25 Del Mar Horse Racing Live Meet  Showpark Racing Festival Horse Show
26 Del Mar Horse Racing Live Meet  Showpark Racing Festival Horse Show	27	28 Showpark August Festival Horse Show	29 Del Mar Horse Racing Live Meet  Showpark August Festival Horse Show	30 Del Mar Horse Racing Live Meet  Showpark August Festival Horse Show	31 Del Mar Horse Racing Live Meet  Showpark August Festival Horse Show	

ATTACHMENT C

ITE TRIP RATES

# Land Use: 254

## Assisted Living

### Description

Assisted living complexes are residential settings that provide either routine general protective oversight or assistance with activities necessary for independent living to mentally or physically limited persons. They commonly have separate living quarters for residents, and services include dining, housekeeping, social and physical activities, medication administration and transportation. Alzheimer's and ALS care are commonly offered by these facilities, though the living quarters for these patients may be located separately from the other residents. Assisted care commonly bridges the gap between independent living and nursing homes. In some areas of the country, assisted living residences may be called personal care, residential care, or domiciliary care. Staff may be available at an assisted care facility 24 hours a day, but skilled medical care—which is limited in nature—is not required. Continuing care retirement community (Land Use 255) and nursing home (Land Use 620) are related uses.

### Additional Data

The rooms in these facilities may be private or shared accommodations, consisting of either a single room or a small apartment-style unit with a kitchenette and living space.

One study reported that according to national and local data, less than 5 percent of the residents owned cars, which were rarely driven. Employees, visitors and delivery trucks make most of the trips to these facilities.

Truck traffic was captured for some studies in this land use and is presented in the following table. Although truck traffic was very low overall, most trips occurred during the mid-day period on a weekday.

The peak hour of the generator did not coincide with the peak hour of the adjacent street traffic for several sites included in this land use, primarily because of the shifts of the employees. For the data collected at those sites, shifts typically began at 7:00 a.m., 3:00 p.m. and 11:00 p.m. For all sites, the A.M. peak hour of the generator typically ranged from 6:00 a.m. to 9:00 a.m., while the P.M. peak hour of the generator typically ranged from 3:00 p.m. and 5:00 p.m.

# Assisted Living (254)

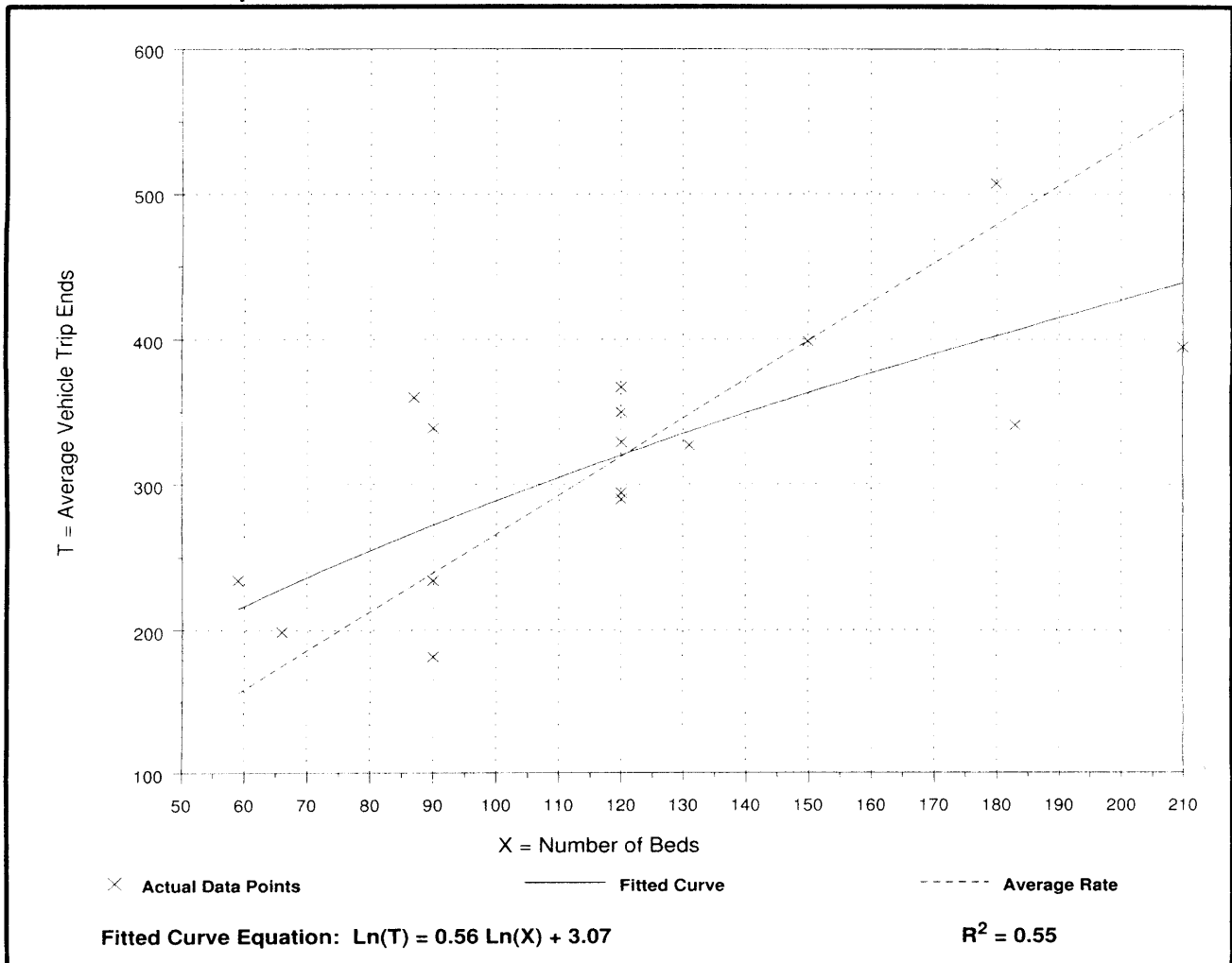
**Average Vehicle Trip Ends vs: Beds**  
**On a: Weekday**

Number of Studies: 16  
Average Number of Beds: 121  
Directional Distribution: 50% entering, 50% exiting

## Trip Generation per Bed

Average Rate	Range of Rates	Standard Deviation
2.66	1.86 - 4.14	1.74

## Data Plot and Equation





# Assisted Living (254)

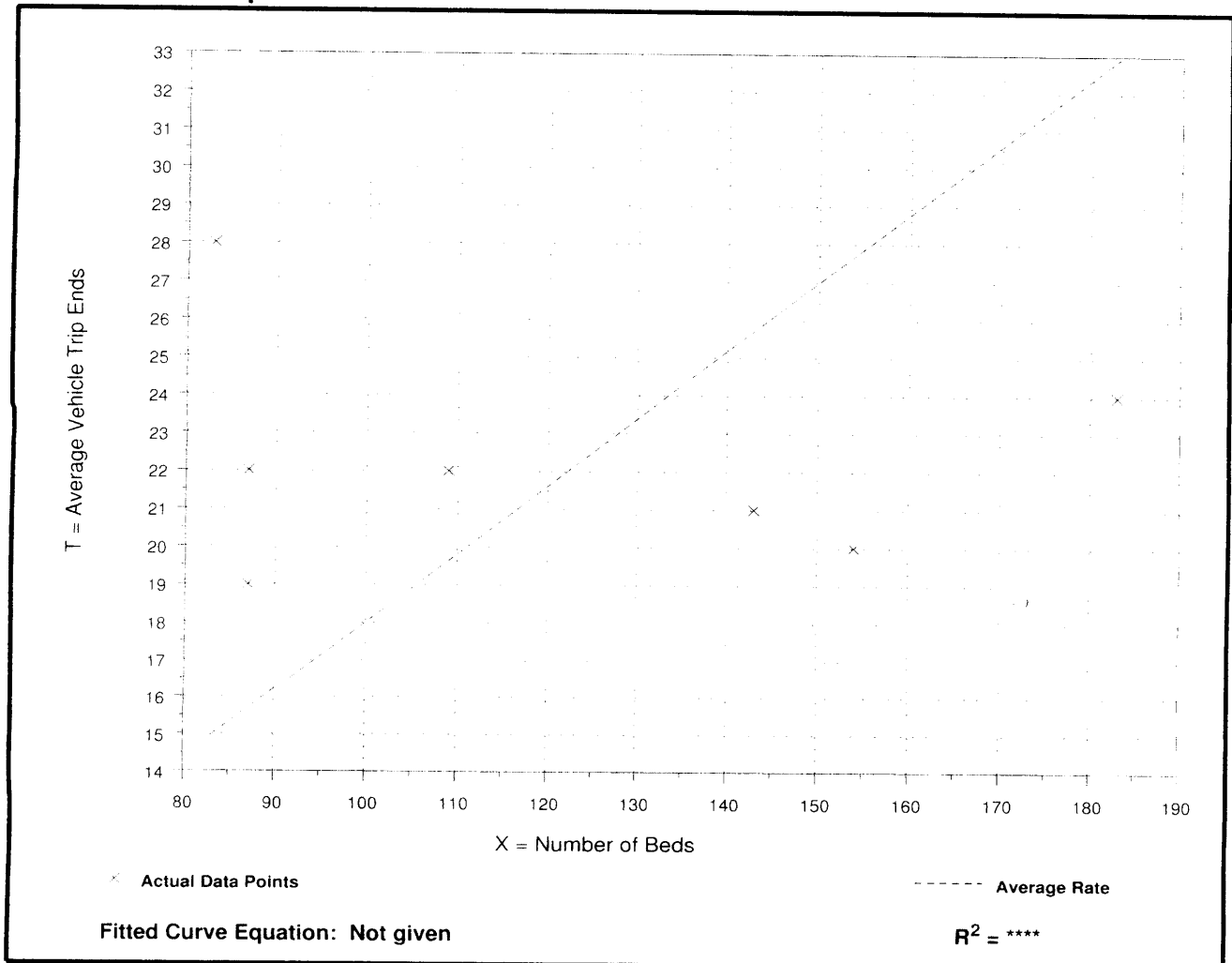
Average Vehicle Trip Ends vs: **Beds**  
 On a: **Weekday,**  
**A.M. Peak Hour of Generator**

Number of Studies: 7  
 Average Number of Beds: 121  
 Directional Distribution: 67% entering, 33% exiting

## Trip Generation per Bed

Average Rate	Range of Rates	Standard Deviation
0.18	0.13 - 0.34	0.43

## Data Plot and Equation



# Assisted Living (254)

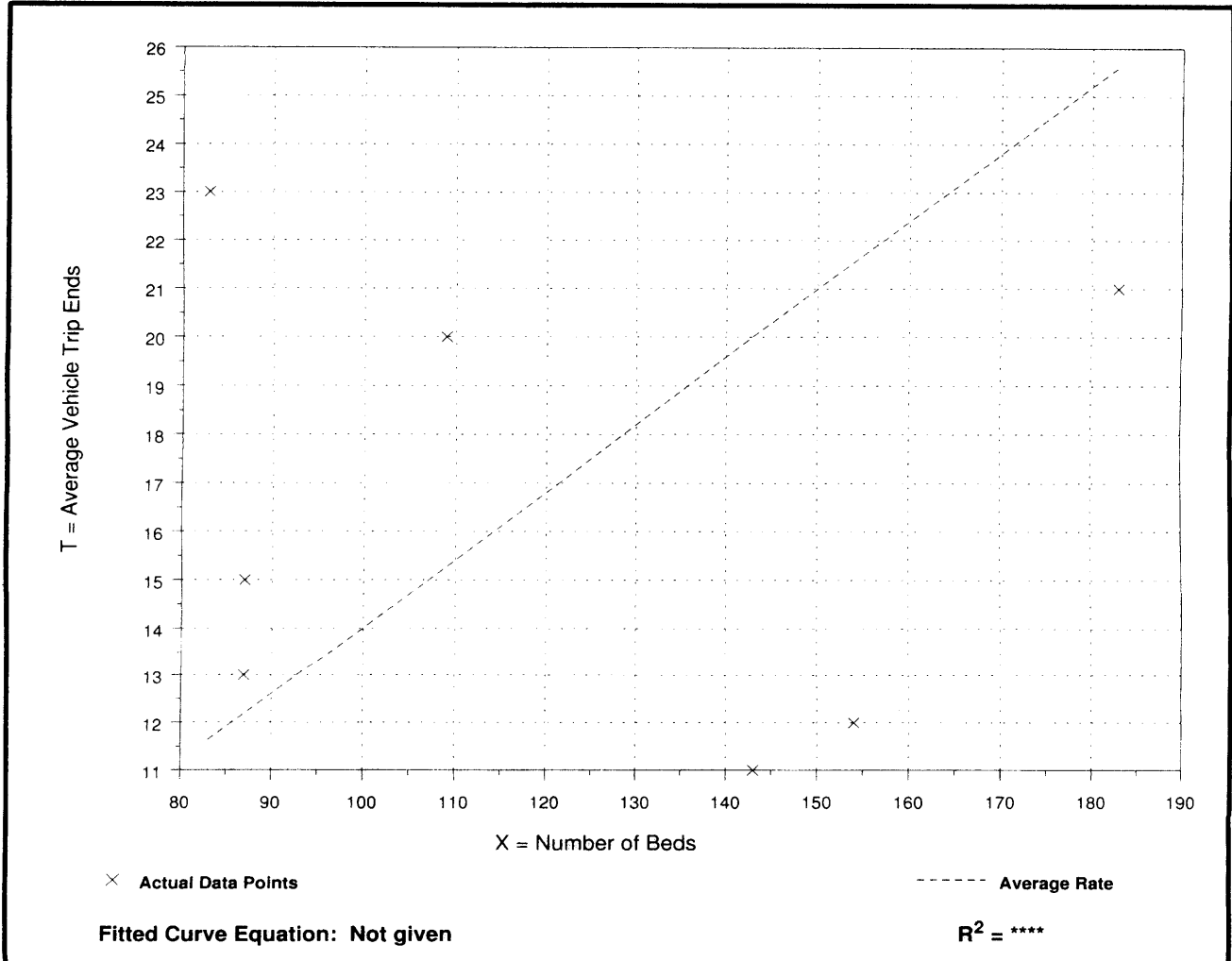
**Average Vehicle Trip Ends vs: Beds**  
**On a: Weekday,**  
**Peak Hour of Adjacent Street Traffic,**  
**One Hour Between 7 and 9 a.m.**

Number of Studies: 7  
 Average Number of Beds: 121  
 Directional Distribution: 65% entering, 35% exiting

## Trip Generation per Bed

Average Rate	Range of Rates	Standard Deviation
0.14	0.08 - 0.28	0.37

## Data Plot and Equation



# Assisted Living (254)

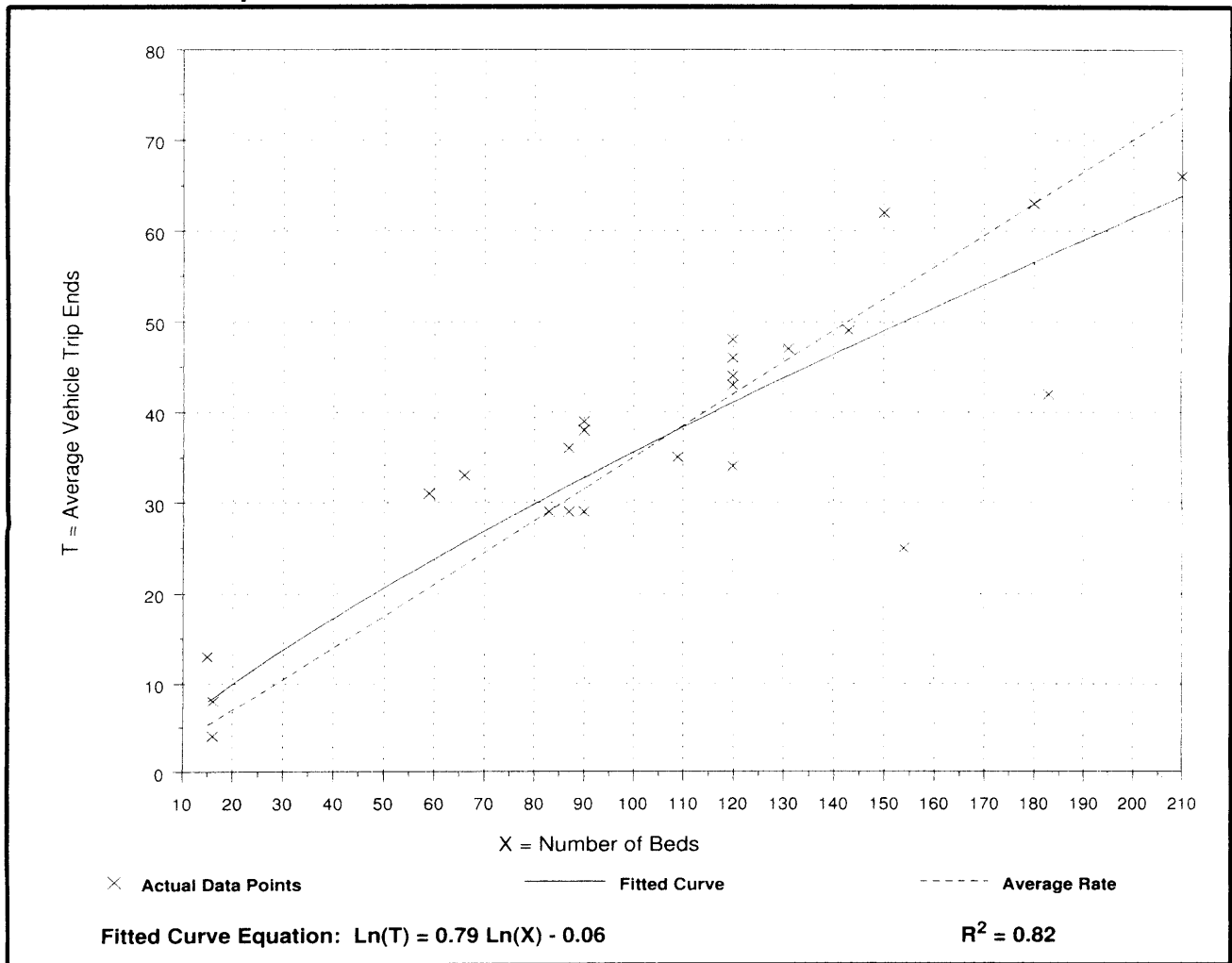
**Average Vehicle Trip Ends vs: Beds**  
**On a: Weekday,**  
**P.M. Peak Hour of Generator**

Number of Studies: 24  
 Average Number of Beds: 107  
 Directional Distribution: 47% entering, 53% exiting

## Trip Generation per Bed

Average Rate	Range of Rates	Standard Deviation
0.35	0.16 - 0.87	0.59

## Data Plot and Equation



# Assisted Living (254)

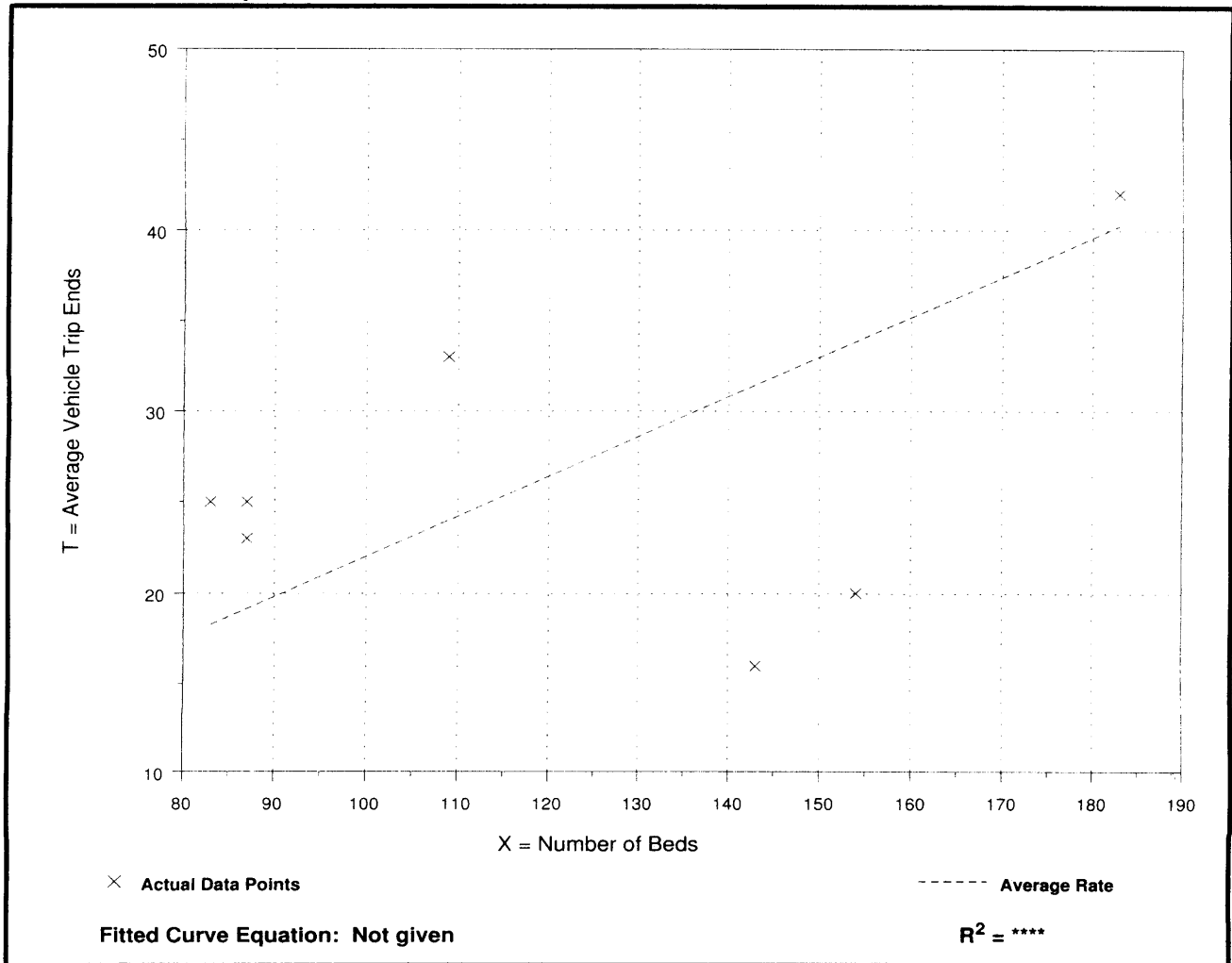
**Average Vehicle Trip Ends vs: Beds**  
**On a: Weekday,**  
**Peak Hour of Adjacent Street Traffic,**  
**One Hour Between 4 and 6 p.m.**

Number of Studies: 7  
 Average Number of Beds: 121  
 Directional Distribution: 44% entering, 56% exiting

## Trip Generation per Bed

Average Rate	Range of Rates	Standard Deviation
0.22	0.11 - 0.30	0.47

## Data Plot and Equation



ATTACHMENT D

*SANTEC GUIDELINE* EXCERPTS

# **SANTEC / ITE GUIDELINES FOR TRAFFIC IMPACT STUDIES [TIS] IN THE SAN DIEGO REGION**

**MARCH 2, 2000 FINAL DRAFT**

## **PREFACE**

These guidelines are subject to continual update, as future technology and documentation become available. Always check with local jurisdictions for their preferred or applicable procedures.

**Committee Compilation by Kent A. Whitson**

**Reviewed by committee members: Hank Morris (co-chair),  
Tom Parry (co-chair), Arnold Torma (co-chair), Susan O'Rourke,  
Bill Darnell, Labib Qasem, John Boarman, Ralph Leyva, and Erik Ruehr**

**Additional review by: Ann French Gonsalves, Bill Figge,  
Bob Goralka, and Gary Halbert**

LOS objectives. For example, the Regional Growth Management Strategy for San Diego has a level-of-service objective of "D;" while the Congestion Management Program has established a minimum level-of-service of "E", or "F" if that is the existing 1990 base year LOS. In other words, if the existing LOS is "D" or worse, preservation of the existing LOS must be maintained or acceptable mitigation must be identified.

These guidelines do not establish a legal standard for these functions, but are intended to supplement any individual TIS manuals or level-of-service objectives for the various jurisdictions. These guidelines attempt to consolidate regional efforts to identify when a TIS is needed, what professional procedures should be followed, and what constitutes a significant traffic impact.

The instructions outlined in these guidelines are subject to update as future conditions and experience become available. Special situations may call for variation from these guidelines. Caltrans and lead agencies should agree on the specific methods used in traffic impact studies involving any State Route facilities, including metered and un-metered freeway ramps.

#### **IV. NEED FOR A STUDY**

A TIS should be prepared for all projects which generate traffic greater than 1,000 total average daily trips (ADT) or 100 peak-hour trips. If a proposed project is not in conformance with the land use and/or transportation element of the general or community plan, use threshold rates of 500 ADT or 50 peak-hour trips. Early consultation with any affected jurisdictions is strongly encouraged since a "focused" or "abbreviated" TIS may still be required – even if the above threshold rates are not met.

Currently, a Congestion Management Program (CMP) analysis is required for all large projects, which are defined as generating 2,400 or more average daily trips or 200 or more peak-hour trips. This size of study would usually include computerized long-range forecasts and select zone assignments. Please refer to the following flow chart (Figure 1) for TIS requirements.

The geographic area examined in the TIS must include the following:

- All local roadway segments (including all State surface routes), intersections, and mainline freeway locations where the proposed project will add 50 or more peak-hour trips in either direction to the existing roadway traffic.
- All freeway entrance and exit ramps where the proposed project will add a significant number of peak-hour trips to cause any traffic queues to exceed ramp storage capacities (see Figure 1). (NOTE: Care must be taken to include other ramps and intersections that may receive project traffic diverted as a result of already existing, or project causing congestion at freeway entrances and exits.)

ATTACHMENT E

CITY OF SOLANA BEACH *CIRCULATION ELEMENT* EXCERPTS



Current through Resolution 2006-27, passed August 24, 2006, and Ordinance 326, passed July 13, 2004.

Disclaimer: The City Clerk's Office has the official version of the Solana Beach General Plan. Users should contact the City Clerk's Office for ordinances and resolutions passed subsequent to the ordinance and resolution cited above.

Circulation Element located under the General Plan at the following link:

<http://www.codepublishing.com/ca/SolanaBeach.html>

# **CIRCULATION ELEMENT**

## **1.0 Introduction**

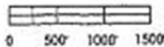
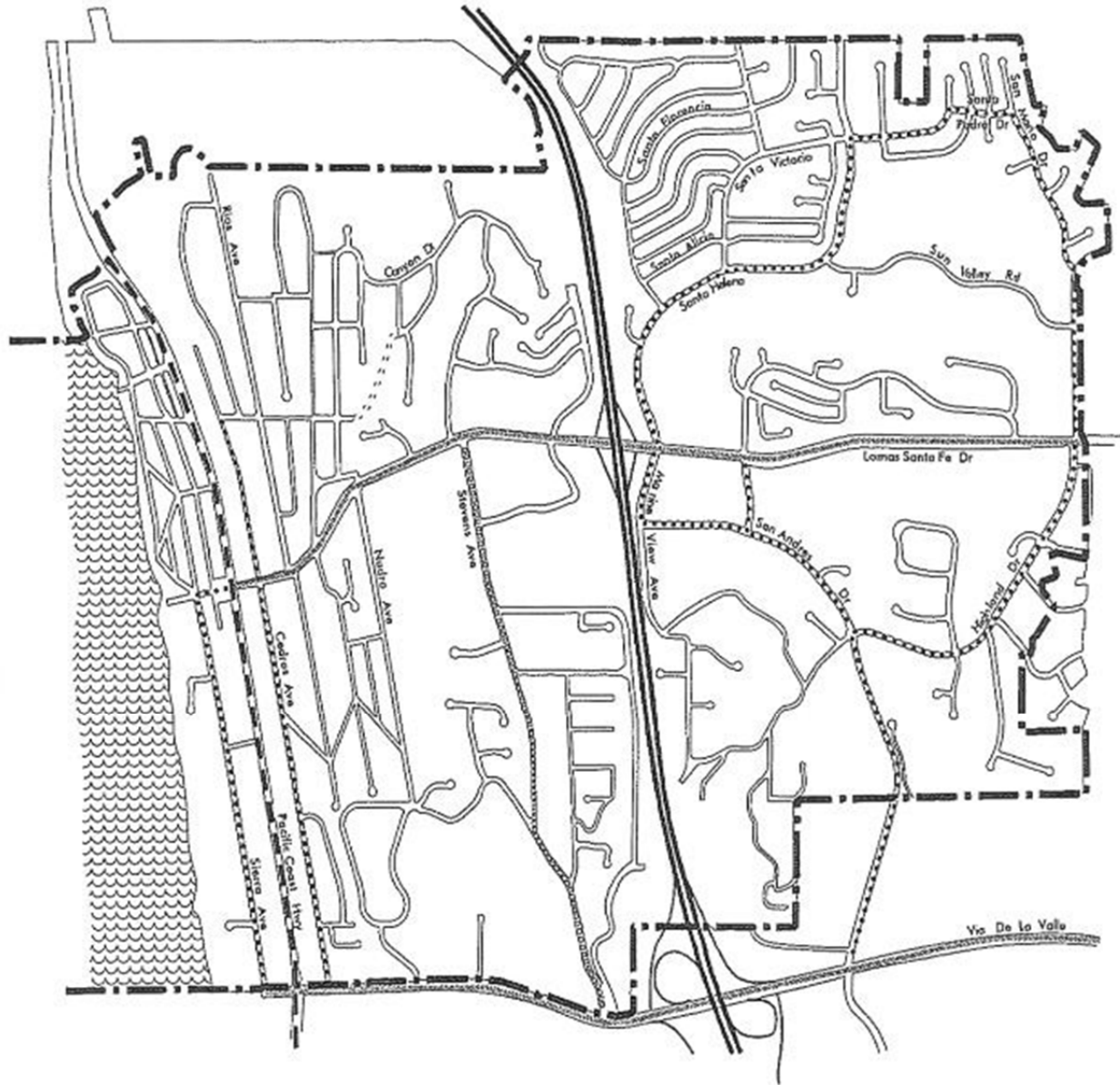
The City of Solana Beach Circulation Element has been developed in response to issues raised and goals, policies, and objectives established by the consultant team and General Plan Advisory Committee. It is intended to provide a balanced circulation system that will provide adequate capacity to support the travel demands of the land uses included in the Land Use Element while at the same time maintaining an acceptable quality of life for the residents of Solana Beach.


[content removed – please see web link above for content]

## **4.0 The Circulation Plan**

### **4.1 Relationship to Land Use and Environment**

The circulation plan proposed for Solana Beach has been developed to provide adequate capacity to accommodate the travel demands of the Land Use Element as well as to preserve the quality of life in Solana Beach. Exhibit 4 illustrates the proposed circulation plan.



- |  |  |
|--|--|
|  Freeway        |  Collector - Commercial |
|  Scenic Highway |  Local                  |
|  Major Arterial |  Proposed Local         |
|  Collector      |  |

## Exhibit 4 Circulation Plan

### **4.1.1 Major Plan Features**

The major plan features recommended by the General Plan Advisory Committee and the consultant team and reflected on Exhibit 4 include the following:

- ◆ Identification of several north-south roadways as Collector facilities, including Stevens Avenue/Valley Avenue, Cedros Avenue, Sierra Avenue (between Plaza Street and Via De La Valle), San Andres Drive, Highland Drive, and Santa Helena.
- ◆ Designation of Highway 101 as a Scenic Highway.

### **4.1.2 Functional Classification**

The functional classification of a roadway is intended to establish its function or role in the overall circulation system. It establishes the hierarchy of streets in terms of their purpose in relation to movement of through traffic versus provision of access to adjacent land uses.

The hierarchy of roadway classifications ranges from freeways (with full control of access, grade-separated interchanges, high speed-high volume traffic, emphasis on longer-distance and intercity travel) to local streets/cur-de-sacs (with unlimited access to fronting properties, low speed-low volume traffic, emphasis on multi-purpose use of the paved street section for travel, parking, pedestrian, and bicycle activity).

Collector roadways vary in width from 50 foot right-of-way to 84 foot right-of-way. Major arterial roadways have a raised median within 102 foot right-of-way.

The following road classifications and functional characteristics have been designated in the Solana Beach Circulation Element (Exhibit 4).

#### **Scenic Highway**

- ◆ A route with unique or special aesthetic and visual resources which should be protected and upgraded through sensitive highway design and the regulation of development within the scenic corridor.
- ◆ A route which provides a pleasant driving environment and community enhancement.
- ◆ Striped for one or two lanes in each direction with at least partial control of access and at least partial restriction of on-street parking.

Highway 101 is classified as a state-designated scenic highway in the Solana Beach Circulation Element.

#### **Major Arterial**

- ◆ A four lane arterial highway with access limitations, divided by a raised or striped median.
- ◆ As a type of intercity or community facility, highways are expected to carry the majority of traffic between Solana Beach, adjacent communities, and the freeway system.
- ◆ Striped for two lanes in each direction, with shoulders and medians where right-of-way permits, and left-turn lanes at intersections.
- ◆ Maximum capacity of 38,000 vehicles per day (assumes 10 percent peak hour, 60/40 directional split, 1,200 vehicles per hour per lane).

Designated major arterials in the Solana Beach Circulation Element include:

- ◆ Lomas Santa Fe Drive between Highway 101 and Highland Drive.
- ◆ Via De La Valle between Highway 101 and east City boundary.

## Collector

- ◆ A two-lane to four-lane undivided road with intersections at grade and partial control of access.
- ◆ Collectors can serve as a secondary type of highway to provide routes for locally-generated traffic to connect to the major arterial system network, but primarily serve as access routes for local residents to reach activity areas in the city. Collectors may also provide direct access to residential properties.
- ◆ Striped for one lane to two lanes in each direction, with curb parking, and left-turn lanes at major intersections.
- ◆ Design capacity of 10,000 vehicles per day (determined not by the physical capacity of the road segment, but rather by the desirability of maintaining an acceptable level of traffic on these facilities which may be bordered by fronting land uses).

Designated collectors in the Solana Beach Circulation Element include:

- ◆ Sierra Avenue between Plaza Street and Via De La Valle.
- ◆ Cedros Avenue between Via De La Valle and Cliff Street.
- ◆ Stevens Avenue between Lomas Santa Fe Drive and Valley Avenue (collector-commercial).
- ◆ Valley Avenue between Stevens Avenue and Via De La Valle (collector-commercial).
- ◆ San Andres Drive between Marine View Avenue and south City boundary.
- ◆ Marine View Avenue between Lomas Santa Fe Drive and San Andres Drive.
- ◆ Santa Helena between Lomas Santa Fe Drive and Santa Victoria.
- ◆ Santa Victoria between Santa Helena West and Santa Petra Drive.
- ◆ Santa Petra Drive between Santa Helena and San Mario Drive.
- ◆ San Mario Drive between Santa Petra Drive and Highland Drive.
- ◆ Highland Drive between San Andres Drive and east City boundary.
- ◆ Las Banderas Drive between Lomas Santa Fe Drive and San Andres Drive.

## Local

- ◆ Two-lane undivided roads with at-grade intersections and frequent driveway access.
- ◆ Local roads are intended to provide access to adjacent residential land uses and to feed traffic to collectors and other roads of higher classification.
- ◆ Provide one lane in each direction, with curb parking, but not provided with centerline stripe.
- ◆ **Design capacity of 2,000 vehicles per day determined not by the physical capacity of the road but rather the acceptable level of traffic which will not affect the quality of life in residential areas.**

The remainder of the street. in the Solana Beach circulation system, not mentioned above, are classified as local streets.