



LOS Engineering, Inc.
Traffic and Transportation

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July 25, 2018

Mr. Nick Ortiz
County of San Diego, Dept. of Public Works
5510 Overland Avenue
San Diego, CA 92123

Subject: Trip Generation Analysis for Ace Self-Storage on Bonita Road (PDS2016-MUP-16-010 PDS2016-ER-16-18-002)

Dear Mr. Ortiz:

LOS Engineering, Inc. is pleased to present this trip generation analysis to determine if a Traffic Impact Study (TIS) is required for a proposed Ace Self-Storage project located on Bonita Rd between Central Ave and Acacia Ave in the Sweetwater area of San Diego County.

PROJECT DESCRIPTION

The proposed Ace Self-Storage facility is planned with approximately 900 storage units/vaults within a building of 140,129 SF on 4.18 acres to be located on at Bonita Road as shown in **Figure 1** (site plan included in **Attachment A**).

Figure 1: Project Location



Source: USGS

SDC PDS RCVD 08-17-18
MUP16-010

PROJECT TRIP GENERATION

The project trip generation was calculated using site specific data from two existing Ace Self-Storage sites located in Rancho San Diego at 11852 Campo Rd, Spring Valley, CA and in Lakeside at 9672 Winter Gardens Blvd, Lakeside CA. Site specific data was collected because the SANDAG trip rates from the *Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region*, April 2002 uses data from 1985, which is more than 30 years old. Furthermore, Ace self-storage facilities have evolved and no longer include on-site housing for a manager and instead use entry key pads for secure access while logging arrival and departure patterns. A manager still works on-site, but drives to the site and uses the same key pad for entry and exit. One week (Monday-Friday) of key pad entry and exit data was used to calculate the trip generation for Ace Self-Storage (data and calculations included in **Attachment B**). The Ace Self-Storage trip generation for the Lakeside site, the Rancho San Diego site, and the proposed Bonita Rd site (using the average rate for the two existing sites) is shown in **Table 1**.

Table 1: Historical and Proposed Project Trip Generation

Lakeside		Size & Units		ADT	%	Split	AM		%	Split	PM	
							IN	OUT			IN	OUT
Storage	36.2 /Acre	2.35 Acres		85	7%	0.5 0.5	3	3	9%	0.6 0.4	5	3
Storage	0.11 /Vault	785 Vaults		85	7%	0.5 0.5	3	3	9%	0.6 0.4	5	3
Storage	1.2 /KSF	71,011 SF		85	7%	0.5 0.5	3	3	9%	0.6 0.4	5	3
Site Specific (average of 1 week of data)				85			3	3			5	3
Rancho San Diego												
Storage	21.0 /Acre	3.77 Acres		79	10%	0.6 0.4	5	3	8%	0.5 0.5	3	3
Storage	0.10 /Vault	759 Vaults		79	10%	0.6 0.4	5	3	8%	0.5 0.5	3	3
Storage	1.0 /KSF	77,741 SF		79	10%	0.6 0.4	5	3	8%	0.5 0.5	3	3
Site Specific (average of 1 week of data)				79			5	3			3	3
Average rate from above two site applied to proposed project												
Proposed Land Use		Size & Units		ADT	%	Split	AM		%	Split	PM	
							IN	OUT			IN	OUT
Storage	28.6 /Acre	4.18 Acres		119	9%	0.6 0.4	6	4	9%	0.6 0.4	6	4
Storage	0.11 /Vault	900 Vaults		96	9%	0.6 0.4	5	4	9%	0.6 0.4	5	4
Storage	1.1 /KSF	140,129 SF		155	9%	0.6 0.4	7	6	9%	0.6 0.4	7	6
Average				123			6	5			6	5

SF - Square Feet; KSF - 1,000 SF; ADT-Average Daily Traffic; Split-percent inbound and outbound.

Using Ace Self-Storage site specific trip generation, the proposed Ace Self-Storage on Bonita Road is calculated to generate 123 ADT, 11 AM peak hour trips (6 inbound and 5 outbound), and 11 PM peak hour trips (6 inbound and 5 outbound). Since completion of the above trip generation, the site plan has been refined with to a smaller project (original 900 vaults, now 854 vaults); therefore, the above calculations applied to this project are slightly conservative.

For comparison purposes, the site specific trip generation was compared against the 30 year old SANDAG data and found that the site specific ADT is about 37% less than the old book rate while the AM peak hour trips were about the same (12 old vs. 11 new) and the PM peak hour trips were slightly lower (18 old vs. 11 new). The SANDAG trip generation calculations are

included in **Attachment C**. The SANDAG data documented a storage use or occupancy average of 93.6% while the Ace Self-Storage sites had an average occupancy of 94.5%.

The project construction traffic is estimated to include a maximum of five bottom-dump trucks per hour to import fill material with an on-site crew of two to four people during this process. Other periodic deliveries may occur about once a week, thus would not occur on a daily basis. The passenger car equivalent factor of 2 was applied to the dump trucks resulting in 10 inbound PCE vehicles and 10 outbound PCE vehicles per hour while the on-site crew would result in up to 4 inbound vehicles in the morning and 4 outbound vehicles at the end of the work day. In total, the highest anticipated construction trips in the morning would be 14 inbound and 10 outbound trips while at the end of the work day the construction trips would include 10 inbound and 14 outbound. This is the upper end of the construction traffic estimate based on the maximum estimate of import trucks; therefore, a typical day would have less construction traffic. The daily construction maximum estimate is 160 PCE for the trucks (10 inbound x 8 hours = 80 daily trips plus 10 outbound x 8 hours = 80 for a total of 160) and 8 for the on-site crew (4 inbound plus 4 outbound) for a total of 168 daily construction trips.

TRAFFIC IMPACT STUDY CRITERIA

The criteria for the need to prepare a Traffic Impact Study are documented in the County of San Diego *Report Format & Content Requirements* dated August 24, 2011. A copy of the County criteria is shown below in **Exhibit 1**.

Exhibit 1: County Traffic Impact Study Criteria

Table 1 - County Criteria for the Need to Prepare a Traffic Impact Study (TIS)

PROJECT GENERATED TRAFFIC*	ISSUE SPECIFIC TIS	FOCUSED TIS	FULL TIS NEEDED	CONGESTION MANAGEMENT ANALYSIS NEEDED
Less than 200 Average Daily Trips OR Less than 20 Peak Hour Trips	No*	No*	No	No
200-500 Average Daily Trips OR 20- 50 Peak Hour Trips	Yes	No	No	No
500 Average Daily Trips OR 50 Peak Hour Trips	No	Yes	No	No
1,000 Average Daily Trips OR 100 Peak Hour Trips	No	No	Yes	No
2,400 Average Daily Trips OR 200 Peak Hour Trips	No	No	Yes	Yes

* Other situations could result in a request for an Issue Specific or Focused Traffic Impact Study. These include, but are not limited to, those issues addressed in this report.

NOTE: Analysis of cumulative traffic impacts may require a Traffic Impact Study, even when project generated traffic volumes alone do not. See Attachment C.

As shown in Exhibit 1, a Traffic Impact Study is not required because the project is calculated to generate an average of less than 200 daily trips and less than 20 peak hour trips. The project construction traffic is temporary and is calculated to generate an average of less than 200 daily trips and up to 24 peak hour trips (14 inbound and 10 outbound AM); however, the 24 peak hour trips are a maximum and do not reflect a permanent peak hour generation. Furthermore, the County criteria for analyzing an intersection is at least 25 peak hour trips; therefore, the 24 peak hour maximum temporary construction trips do not trigger a need to study an intersection. Additionally, the construction traffic is not a representation of the completed project and the import of material will last between 4 and 8 weeks (driven by available material). For these reasons, the construction traffic should not be used to determine a need for a traffic study.

The County of San Diego *Report Format & Content Requirements* dated August 24, 2011 also notes on the bottom of page 2:

“When a proposed project generates less than 200 average daily trips (ADT), in most cases (given the distribution of traffic onto County Circulation Element road and the traffic impact criteria identified in Table 1), the proposed project will not result in direct traffic impacts.”

Based on the aforementioned, the project would not result in any direct traffic impacts based on the County’s Traffic Guidelines significance (CEQA) criteria.

DESIGN EXCEPTION REQUEST

The applicant’s civil engineer is submitting a design exception request regarding Bonita Road under separate cover.

BONITA ROAD ADT AND LOS

Bonita Road from I-805 to Central Avenue is classified as a *4.1B Major Road* on the County Mobility Element Network map (a copy of the County Mobility Element map is included in **Attachment D**). The street segment was analyzed for existing conditions based on the functional classification (representing the number of current travel lanes) and for horizon year conditions using the mobility element classification as shown in **Table 2**.

Table 2: Street Segment Daily Capacity and LOS

Classification		LOS A	LOS B	LOS C	LOS D	LOS E
Current Functional Classification						
Collector w/cont. Left Turn Lane		<3,000	<6,000	<9,500	<13,500	<19,000
Proposed Mobility Classification						
Major Rd w/intermittent turn lanes	4.1B	<13,700	<22,800	<27,400	<30,800	<34,200

Source: County of San Diego Public Road Standards, March, 2012.

An existing Average Daily Traffic (ADT) volume of 22,585 for Bonita Road between Central Avenue and Acacia Avenue was collected on Wednesday, June 22, 2016. A horizon year 2035 volume of 18,600 was obtained from SANDAG. The existing and horizon year volumes are included in **Attachment E**. The project traffic was assigned to Bonita Road using a 50-50 split distribution, which results in half of the 123 ADT or 61.5 ADT to/from the south and 61.5 ADT to/from the north. For the segment analysis, the ADT is taken as 62. The existing Level of Service (LOS) for this segment of Bonita Road without and with the project is at LOS F; however, there is no calculated project impact because the project adds less than 100 daily trips in either direction as shown in **Table 3**.

Table 3: Existing Street Segment LOS

Segment	Functional Classification	Existing				Project	Existing + Project					
		Daily Volume	LOS E Capacity	V/C	LOS		Daily Volume	Daily Volume	LOS E Capacity	V/C	LOS	Change in V/C

Sweetwater Road

Between Central Ave and Acacia Ave 2U + TWLTL 22,585 19,000 1.189 F 62 22,647 19,000 1.192 B 0.003 No

Notes: Classification: 2U+TWLTL = 2 lane undivided roadway with two way left turn lane. Daily volume is a 24 hour volume. LOS: Level of Service. V/C: Volume to Capacity ratio. Direct Impact? = no because the project adds less than 100 daily trips on a 2 lane segment at LOS F.

The horizon year Level of Service (LOS) for this segment of Bonita Road without and with the project is at LOS B with no project impact as shown in **Table 3**.

Table 4: Horizon Year Street Segment LOS

Segment	Mobility Element	Horizon Year				Project	Horizon Year + Project					
		Daily	LOS E	V/C	LOS		Daily	LOS E	V/C	LOS	V/C Delta	Horizon Yr Impact?
		Volume	Capacity				Volume	Capacity				

Bonita Road

Between Central Ave and Acacia Ave 4.1B Major 18,600 34,200 0.544 B 62 18,662 34,200 0.546 B 0.002 No

Notes: Daily volume is a 24 hour volume. LOS: Level of Service. V/C: Volume to Capacity ratio. Horizon Year Impact (yes or no).

TIF PROGRAM

A Traffic Impact Fee (TIF) program was created by the County to mitigate any potential local and regional cumulative traffic impacts. As part of the application process, the applicant will participate in the TIF program to mitigate any potential cumulative traffic impacts.

CONCLUSION

The purpose of this analysis was to determine if a Traffic Impact Study is required for a proposed Ace Self-Storage project located on Bonita Road between Central Avenue and Acacia Avenue within the Sweetwater area of San Diego County. The project is calculated to generate an average of 123 ADT, with 11 AM trips (6 inbound and 5 outbound) and 11 PM trips (6 inbound and 5 outbound). The project trip generation is less than that required for TIS of 200 ADT and 25 peak hour trips; therefore, a TIS is not recommended according to the County guidelines.

The County of San Diego *Report Format & Content Requirements* dated August 24, 2011 also notes that when a proposed project generates less than 200 average daily trips, in most cases, the proposed project will not result in direct traffic impacts. Therefore, the project would not result in any direct traffic impacts based on the County's Traffic Guidelines significance (CEQA) criteria. The project construction traffic is temporary and is calculated to generate an average of less than 200 daily trips and up to 24 peak hour trips (14 inbound and 10 outbound AM); however, the 24 peak hour trips are a maximum and do not reflect a permanent peak hour generation. Furthermore, the County criteria for analyzing an intersection is at least 25 peak hour trips; therefore, the 24 peak hour maximum temporary construction trips do not trigger a need to study an intersection. Additionally, the construction traffic is not a representation of the completed project and the import of material will last between 4 and 8 weeks (driven by available material). For these reasons, the construction traffic should not be used to determine a need for a traffic study.

The applicant's civil engineer is submitting a design exception request regarding Bonita Road under separate cover.

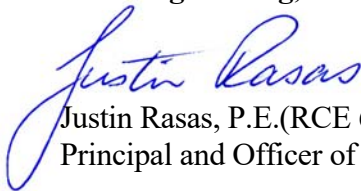
As part of the application process, the applicant will participate in the TIF program to mitigate any potential cumulative traffic impacts.

The existing LOS for Bonita Road along the project frontage without and with the project is at LOS F; however, there is no calculated project impact because the project adds less than 100 daily trips in either direction along Bonita Road. The horizon year LOS for this same segment of Bonita Road without and with the project is at LOS B with no project impact.

If other uses are to be proposed in the future, then the applicant should revise the trip generation analysis to determine if a TIS would be required. 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

SITE PLAN

ATTACHMENT B

SITE SPECIFIC TRIP GENERATION DATA AND RATES

Weekday Average Daily and Peak Hour Trips for Lakeside Ace Self-Storage

9672 Winter Gardens Blvd, Lakeside, CA

Site Area = 2.35 Acres

Number of storage units/vaults = 785

Building area = 71,011 sf

		AM	AM	PM	PM
	ADT	Peak In	Peak Out	Peak In	Peak Out
Monday, June 13, 2016	92	5	4	9	4
Tuesday, June 14, 2016	78	2	3	4	4
Wednesday, June 15, 2016	70	2	2	6	3
Thursday, June 16, 2016	74	4	2	2	1
Friday, June 17, 2016	<u>110</u>	<u>4</u>	<u>3</u>	<u>6</u>	<u>5</u>
Weekday Average	85	3	3	5	3

Data included on the next several pages.

Notes: In keycode more accurate than out keycode as vehicle may follow when leaving, thus ADT taken as double of In keycode. Inbound always needs to key in, else alarm will sound on upon entry of individual storage unit.

This is a security feature. In other words, if a users does not key in their unique keycode at the entry gate when they drive in, then when they access their individual storage unit, an alarm will sound, thus no one will follow another vehicle in without an inbound key code entry, but some people will follow cars out without an exit key entry.

TUESDAY	LAKESIDE	IN	OUT			TUESDAY	LAKESIDE	IN	OUT		
06:14:19AM						6/14/2016	Exit		1		
6/14/2016	Enter	1				12:38:55PM					
06:16:36AM						6/14/2016	Exit		1		
6/14/2016	Exit		1			12:49:49PM					
06:27:08AM						6/14/2016	Exit		1		
6/14/2016	Enter	1				12:53:39PM					
07:36:14AM						6/14/2016	Enter	1			
6/14/2016	Exit		1			01:01:33PM					
07:39:25AM						6/14/2016	Enter	1			
6/14/2016	Enter	1				01:04:37PM					
07:39:37AM						6/14/2016	Exit		1		
6/14/2016	Enter	1				01:10:31PM					
08:09:11AM						6/14/2016	Enter	1			
6/14/2016	Enter	1				01:27:50PM					
08:28:20AM						6/14/2016	Exit		1		
6/14/2016	Exit		1			01:33:13PM					
08:30:01AM						6/14/2016	Exit		1		
6/14/2016	Exit		1			01:58:00PM					
08:30:18AM						6/14/2016	Enter	1			
6/14/2016	Exit		1	AM	AM	02:12:20PM					
08:36:05AM				Peak In	Peak Out	6/14/2016	Exit		1		
6/14/2016	Enter	1		2	3	02:27:31PM					
09:27:18AM						6/14/2016	Enter	1			
6/14/2016	Enter	1				02:38:47PM					
09:32:03AM						6/14/2016	Exit		1		
6/14/2016	Exit		1			02:44:50PM					
09:39:35AM						6/14/2016	Exit		1		
6/14/2016	Enter	1				02:45:04PM					
10:04:09AM						6/14/2016	Enter	1			
6/14/2016	Exit		1			02:49:45PM					
10:15:40AM						6/14/2016	Enter	1			
6/14/2016	Enter	1				03:32:45PM					
10:22:22AM						6/14/2016	Enter	1			
6/14/2016	Exit		1			03:42:05PM					
10:35:37AM						6/14/2016	Enter	1			
6/14/2016	Enter	1				03:44:46PM					
11:14:35AM						6/14/2016	Exit		1		
6/14/2016	Enter	1				04:03:51PM					
11:23:03AM						6/14/2016	Enter	1			
6/14/2016	Enter	1				04:27:37PM					
11:25:40AM						6/14/2016	Enter	1			
6/14/2016	Enter	1				04:27:55PM					
11:25:49AM						6/14/2016	Exit		1		
6/14/2016	Exit		1			04:34:32PM					
11:29:07AM						6/14/2016	Exit		1		
6/14/2016	Enter	1				04:34:51PM					
11:29:50AM						6/14/2016	Enter	1			
6/14/2016	Enter	1				04:55:26PM					
11:38:20AM						6/14/2016	Exit		1		
6/14/2016	Exit		1			04:56:58PM					
11:40:01AM						6/14/2016	Exit		1		
6/14/2016	Exit		1			05:07:32PM					
11:44:27AM						6/14/2016	Enter	1		PM	PM
6/14/2016	Exit		1			05:23:18PM				Peak In	Peak Out
11:55:15AM						6/14/2016	Enter	1		4	4
6/14/2016	Exit		1			05:30:34PM					
12:04:53PM						6/14/2016	Enter	1			
6/14/2016	Enter	1				05:36:14PM					
12:08:55PM						6/14/2016	Enter	1			
6/14/2016	Enter	1				05:39:07PM					
12:12:05PM						6/14/2016	Enter	1			
6/14/2016	Enter	1				05:55:07PM					
12:14:48PM						6/14/2016	Exit		1		
6/14/2016	Exit		1			05:58:18PM					
12:18:53PM						6/14/2016	Exit		1		
6/14/2016	Exit		1			06:00:31PM					
12:24:08PM						6/14/2016	Exit		1		
6/14/2016	Enter	1				06:02:08PM					
12:25:43PM						6/14/2016	Enter	1			
6/14/2016	Enter	1				06:06:15PM					
12:29:10PM						6/14/2016	Exit		1		
6/14/2016	Exit		1			06:17:57PM					
12:38:05PM						6/14/2016	Enter	1			
						06:36:01PM					
						6/14/2016	Exit		1		
						Daily Totals		39	35		

Notes: In keycode more accurate than out keycode as vehicle may follow when leaving, thus ADT taken as double of In keycode. Inbound always needs to key in, else alarm will sound on upon entry of individual storage unit.

WEDNESDAY LAKESIDE IN OUT

06:16:31AM					
6/15/2016	Enter	1			
07:03:56AM					
6/15/2016	Exit		1		
07:15:50AM					
6/15/2016	Enter	1			
07:24:37AM					
6/15/2016	Exit		1	AM	AM
07:26:24AM				Peak In	Peak Out
6/15/2016	Enter	1		2	2
08:29:56AM					
6/15/2016	Enter	1			
08:30:10AM					
6/15/2016	Enter	1			
09:09:27AM					
6/15/2016	Exit		1		
09:18:25AM					
6/15/2016	Exit		1		
09:19:20AM					
6/15/2016	Exit		1		
09:31:44AM					
6/15/2016	Exit		1		
09:31:50AM					
6/15/2016	Enter	1			
09:59:54AM					
6/15/2016	Enter	1			
10:00:40AM					
6/15/2016	Enter	1			
10:02:33AM					
6/15/2016	Enter	1			
10:03:56AM					
6/15/2016	Exit		1		
10:16:53AM					
6/15/2016	Enter	1			
10:19:27AM					
6/15/2016	Exit		1		
10:26:36AM					
6/15/2016	Exit		1		
10:26:54AM					
6/15/2016	Exit		1		
10:33:30AM					
6/15/2016	Exit		1		
11:20:34AM					
6/15/2016	Enter	1			
11:35:42AM					
6/15/2016	Exit		1		
11:49:45AM					
6/15/2016	Enter	1			
12:38:17PM					
6/15/2016	Enter	1			
12:39:52PM					
6/15/2016	Exit		1		
12:43:42PM					
6/15/2016	Enter	1			
12:52:36PM					
6/15/2016	Enter	1			
01:10:17PM					
6/15/2016	Enter	1			

Notes: In keycode more accurate than out keycode as vehicle may follow when leaving, thus ADT taken as double of In keycode. Inbound always needs to key in, else alarm will sound on upon entry of individual storage unit.

WEDNESDAY LAKESIDE IN OUT

01:30:25PM					
6/15/2016	Enter	1			
01:51:31PM					
6/15/2016	Enter	1			
01:52:01PM					
6/15/2016	Enter	1			
01:52:06PM					
6/15/2016	Exit		1		
02:03:48PM					
6/15/2016	Exit		1		
02:12:08PM					
6/15/2016	Enter	1			
02:17:35PM					
6/15/2016	Enter	1			
02:27:53PM					
6/15/2016	Exit		1		
02:32:52PM					
6/15/2016	Exit		1		
02:43:15PM					
6/15/2016	Enter	1			
03:35:11PM					
6/15/2016	Exit		1		
03:54:17PM					
6/15/2016	Enter	1			
04:11:10PM					
6/15/2016	Enter	1			
04:21:54PM					
6/15/2016	Exit		1		
04:50:36PM					
6/15/2016	Exit		1		
04:59:28PM					
6/15/2016	Enter	1			
05:05:57PM					
6/15/2016	Enter	1			
05:11:51PM					
6/15/2016	Exit		1		
05:19:30PM					
6/15/2016	Enter	1			
05:21:02PM					
6/15/2016	Enter	1			
05:30:43PM					
6/15/2016	Enter	1			
05:32:46PM					
6/15/2016	Enter	1			
05:35:26PM					
6/15/2016	Exit		1		
05:37:07PM					
6/15/2016	Exit		1	PM	PM
05:41:15PM				Peak In	Peak Out
6/15/2016	Enter	1		6	3
06:03:45PM					
6/15/2016	Enter	1			
06:04:02PM					
6/15/2016	Exit		1		
06:11:13PM					
6/15/2016	Enter	1			
06:20:21PM					
6/15/2016	Exit		1		
06:22:15PM					
6/15/2016	Exit		1		
06:24:57PM					
6/15/2016	Enter	1			
06:45:30PM					
6/15/2016	Exit		1		
06:48:56PM					
6/15/2016	Enter	1			
Daily Totals		35	27		

THURSDAY	LAKESIDE	IN	OUT			THURSDAY	LAKESIDE	IN	OUT
02:18:21AM						12:11:33PM			
6/16/2016	Enter	1				6/16/2016	Exit		1
06:13:46AM						12:18:43PM			
6/16/2016	System					6/16/2016	Enter	1	
06:18:43AM						12:53:43PM			
6/16/2016	Exit		1			6/16/2016	Enter	1	
06:23:35AM						12:58:14PM			
6/16/2016	Enter	1				6/16/2016	Enter	1	
07:06:15AM						01:12:01PM			
6/16/2016	Enter	1				6/16/2016	Exit		1
07:10:55AM						01:15:45PM			
6/16/2016	Exit		1			6/16/2016	Enter	1	
07:12:26AM						01:17:24PM			
6/16/2016	Enter	1				6/16/2016	Exit		1
07:38:56AM						01:21:45PM			
6/16/2016	Enter	1				6/16/2016	Exit		1
07:40:17AM						01:21:53PM			
6/16/2016	Enter	1				6/16/2016	Exit		1
07:44:09AM				AM	AM	01:29:06PM			
6/16/2016	Exit		1	Peak In	Peak Out	6/16/2016	Enter	1	
07:47:44AM				4	2	01:31:29PM			
6/16/2016	Exit		1			6/16/2016	Exit		1
08:27:11AM						01:40:25PM			
6/16/2016	Exit		1			6/16/2016	Exit		1
09:01:05AM						01:45:13PM			
6/16/2016	Enter	1				6/16/2016	Enter	1	
09:53:08AM						01:50:39PM			
6/16/2016	Enter	1				6/16/2016	Exit		1
10:07:07AM						02:02:18PM			
6/16/2016	System					6/16/2016	Enter	1	
10:19:05AM						02:26:13PM			
6/16/2016	Enter	1				6/16/2016	Enter	1	
10:31:44AM						02:29:41PM			
6/16/2016	Exit		1			6/16/2016	Enter	1	
10:39:59AM						02:36:29PM			
6/16/2016	Enter	1				6/16/2016	Exit		1
10:40:03AM						02:39:12PM			
6/16/2016	Enter	1				6/16/2016	Exit		1
11:24:52AM						02:40:51PM			
6/16/2016	Enter	1				6/16/2016	Enter	1	
11:26:06AM						02:41:18PM			
6/16/2016	Enter	1				6/16/2016	Enter	1	
11:26:37AM						03:00:47PM			
6/16/2016	Exit		1			6/16/2016	Exit		1
11:43:44AM						03:07:54PM			
6/16/2016	Enter	1				6/16/2016	Enter	1	
11:44:13AM						03:31:51PM			
6/16/2016	Enter	1				6/16/2016	Enter	1	
11:49:01AM						03:35:26PM			
6/16/2016	Enter	1				6/16/2016	Exit		1
11:49:24AM						03:38:48PM			
6/16/2016	Exit		1			6/16/2016	Enter	1	
11:52:01AM						04:24:58PM			
6/16/2016	Enter	1				6/16/2016	Exit		1
11:59:16AM						04:28:43PM			
6/16/2016	Enter	1				6/16/2016	Exit		1
12:08:21PM						05:24:59PM			
6/16/2016	Enter	1				6/16/2016	Enter	1	
						05:49:53PM			
						6/16/2016	Exit		1
						05:55:14PM			
						6/16/2016	Enter	1	
						06:05:03PM			
						6/16/2016	Enter	1	
						06:10:12PM			
						6/16/2016	Exit		1
						06:13:21PM			
						6/16/2016	Exit		1
						06:15:31PM			
						6/16/2016	Enter	1	
						Daily Totals	37	25	

Notes: In keycode more accurate than out keycode as vehicle may follow when leaving, thus ADT taken as double of In keycode. Inbound always needs to key in, else alarm will sound on upon entry of individual storage unit.

FRIDAY	LAKESIDE	IN	OUT			FRIDAY	LAKESIDE	IN	OUT
06:20:55AM						01:34:02PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
06:34:47AM						01:40:14PM			
6/17/2016	Exit		1			6/17/2016	Enter	1	
06:57:46AM						01:40:26PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
07:00:43AM						01:40:43PM			
6/17/2016	Exit		1			6/17/2016	Enter	1	
07:04:57AM						01:44:35PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
07:06:18AM						01:44:46PM			
6/17/2016	Enter	1				6/17/2016	Exit		1
07:23:04AM						01:48:00PM			
6/17/2016	Enter	1				6/17/2016	Exit		1
07:34:53AM						01:53:18PM			
6/17/2016	Exit		1			6/17/2016	Enter	1	
07:43:37AM						02:05:16PM			
6/17/2016	Exit		1	AM	AM	6/17/2016	Enter	1	
07:50:20AM				Peak In	Peak Out	02:15:41PM			
6/17/2016	Enter	1		4	3	6/17/2016	Exit		1
08:41:05AM						02:20:25PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
08:47:32AM						02:21:37PM			
6/17/2016	Enter	1				6/17/2016	Exit		1
09:03:30AM						02:30:20PM			
6/17/2016	Exit		1			6/17/2016	Enter	1	
09:10:12AM						02:54:37PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
09:15:56AM						02:56:24PM			
6/17/2016	Exit		1			6/17/2016	Exit		1
09:20:27AM						03:13:57PM			
6/17/2016	Enter	1				6/17/2016	Exit		1
09:34:08AM						03:37:11PM			
6/17/2016	Exit		1			6/17/2016	Enter	1	
09:39:42AM						03:40:19PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
09:59:57AM						03:40:35PM			
6/17/2016	Exit		1			6/17/2016	Enter	1	
10:14:52AM						03:46:13PM			
6/17/2016	System					6/17/2016	Enter	1	
10:21:17AM						03:58:30PM			
6/17/2016	Enter	1				6/17/2016	Exit		1
11:14:28AM						04:07:14PM			
6/17/2016	Exit		1			6/17/2016	Exit		1
11:25:57AM						04:07:25PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
11:43:35AM						04:10:34PM			
6/17/2016	Enter	1				6/17/2016	Exit		1
11:55:26AM						04:23:29PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
11:57:20AM						04:33:11PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
12:03:55PM						04:36:08PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
12:07:17PM						04:42:34PM			
6/17/2016	Enter	1				6/17/2016	Exit		1
12:08:25PM						04:46:56PM			
6/17/2016	Exit		1			6/17/2016	Exit		1
12:24:23PM						04:47:11PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
12:28:50PM						04:52:21PM			
6/17/2016	Enter	1				6/17/2016	Exit		1
12:32:16PM						05:03:18PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
12:32:32PM						05:11:52PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
12:33:07PM						05:25:58PM			
6/17/2016	Enter	1				6/17/2016	Exit		1
12:33:19PM						05:30:11PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
12:34:01PM						05:35:31PM			
6/17/2016	Exit		1			6/17/2016	Exit		1
12:39:24PM						05:41:11PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
12:57:59PM						05:45:50PM			
6/17/2016	Exit		1			6/17/2016	Exit		1
01:05:18PM						05:47:57PM			
6/17/2016	Exit		1			6/17/2016	Enter	1	
01:09:50PM						05:49:16PM			
6/17/2016	Enter	1				6/17/2016	Enter	1	
01:11:15PM						05:49:30PM			
6/17/2016	Enter	1				6/17/2016	Exit	1	PM
01:15:45PM						05:58:17PM			Peak In
6/17/2016	Exit		1			6/17/2016	Exit	1	6
01:29:26PM						06:00:00PM			
6/17/2016	Exit		1			6/17/2016	Enter	1	
						06:10:46PM			
						6/17/2016	Enter	1	
						06:15:14PM			
						6/17/2016	Enter	1	
						06:17:30PM			
						6/17/2016	Exit		1
						06:42:11PM			
						6/17/2016	Exit		1
						Daily Totals	55	34	

Notes: In keycode more accurate than out keycode as vehicle may follow when leaving, thus ADT taken as double of In keycode. Inbound always needs to key in, else alarm will sound on upon entry of individual storage unit.

Weekday Average Daily and Peak Hour Trips for Rancho Ace Self-Storage

11852 Campo Road, Spring Valley, CA

Site Area = 3.77 Acres

Number of storage units/vaults = 759

Building area = 77,741 sf

		AM	AM	PM	PM
	ADT	Peak In	Peak Out	Peak In	Peak Out
Monday, June 13, 2016	92	4	2	4	2
Tuesday, June 14, 2016	62	5	2	3	6
Wednesday, June 15, 2016	68	1	1	1	1
Thursday, June 16, 2016	88	4	5	2	4
Friday, June 17, 2016	<u>86</u>	<u>10</u>	<u>3</u>	<u>3</u>	<u>2</u>
Weekday Average	79	5	3	3	3

Data included on the next several pages.

Notes: Bldg 1 Entry Keypad serves front of building with fewer storage units and does not have an exit keyout procedure, thus outbound noted with same time as entry

Outbound total may have fewer than inbound because a car may follow another car on exit and not use key pad to leave, thus ADT is based on doubling the INs.

Inbound cars do not follow other cars because if they enter and do not keyin at vehicle gate then an alarm will be triggered when they open their individual rental unit, thus INs are accurate.

MONDAY	Rancho	IN	OUT	TUESDAY	Rancho	IN	OUT
Jun 13, 2016 07:34:18 AM	Entry Keypad	1		Jun 14, 2016 08:03:23 AM	Entry Keypad	1	
Jun 13, 2016 07:38:32 AM	Entry Keypad	1		Jun 14, 2016 08:07:46 AM	Entry Keypad	1	
Jun 13, 2016 07:42:33 AM	Exit Keypad		1	Jun 14, 2016 08:10:09 AM	Entry Keypad	1	
Jun 13, 2016 07:42:53 AM	Exit Keypad		1	Jun 14, 2016 08:15:34 AM	Exit Keypad		1
Jun 13, 2016 07:51:27 PM	Exit Keypad		1	Jun 14, 2016 08:46:01 AM	Bldg 1 Entry Keypad	1	1
Jun 13, 2016 08:17:41 AM	Entry Keypad	1		Jun 14, 2016 08:57:33 AM	Entry Keypad	1	
Jun 13, 2016 08:23:56 AM	Exit Keypad		1	Jun 14, 2016 09:05:23 AM	Entry Keypad	1	
Jun 13, 2016 08:33:09 AM	Entry Keypad	1		Jun 14, 2016 09:12:00 AM	Exit Keypad		1
Jun 13, 2016 08:37:31 AM	Entry Keypad	1		Jun 14, 2016 09:13:49 AM	Exit Keypad		1
Jun 13, 2016 08:52:53 AM	Entry Keypad	1		Jun 14, 2016 09:22:54 AM	Exit Keypad		1
Jun 13, 2016 08:53:17 AM	Exit Keypad		1	Jun 14, 2016 09:37:45 AM	Exit Keypad	1	
Jun 13, 2016 09:26:31 AM	Bldg 1 Entry Keypad	1	1	Jun 14, 2016 10:13:23 AM	Exit Keypad		1
Jun 13, 2016 09:26:46 AM	Entry Keypad	1		Jun 14, 2016 10:26:49 AM	Entry Keypad	1	
Jun 13, 2016 09:29:43 AM	Entry Keypad	1		Jun 14, 2016 10:29:57 AM	Entry Keypad	1	
Jun 13, 2016 09:45:41 AM	Exit Keypad		1	Jun 14, 2016 10:40:28 AM	Exit Keypad		1
Jun 13, 2016 09:54:52 AM	Entry Keypad	1		Jun 14, 2016 10:59:13 AM	Exit Keypad		1
Jun 13, 2016 09:59:41 AM	Exit Keypad		1	Jun 14, 2016 11:06:57 AM	Entry Keypad	1	
Jun 13, 2016 10:08:01 AM	Exit Keypad		1	Jun 14, 2016 11:11:45 AM	Entry Keypad	1	
Jun 13, 2016 10:11:53 AM	Exit Keypad		1	Jun 14, 2016 11:13:20 AM	Entry Keypad	1	
Jun 13, 2016 10:30:29 AM	Entry Keypad	1		Jun 14, 2016 11:15:23 AM	Exit Keypad		1
Jun 13, 2016 10:36:47 AM	Entry Keypad	1		Jun 14, 2016 11:16:50 AM	Entry Keypad	1	
Jun 13, 2016 10:40:41 AM	Exit Keypad		1	Jun 14, 2016 11:36:46 AM	Exit Keypad		1
Jun 13, 2016 11:00:14 AM	Entry Keypad	1		Jun 14, 2016 11:50:29 AM	Exit Keypad		1
Jun 13, 2016 11:06:15 AM	Entry Keypad	1		Jun 14, 2016 11:57:02 AM	Entry Keypad	1	
Jun 13, 2016 11:15:48 AM	Entry Keypad	1		Jun 14, 2016 12:01:33 PM	Exit Keypad		1
Jun 13, 2016 11:22:09 AM	Exit Keypad		1	Jun 14, 2016 12:19:40 PM	Exit Keypad		1
Jun 13, 2016 11:40:35 AM	Entry Keypad	1		Jun 14, 2016 12:24:04 PM	Entry Keypad	1	
Jun 13, 2016 11:46:54 AM	Exit Keypad		1	Jun 14, 2016 12:30:18 PM	Exit Keypad		1
Jun 13, 2016 11:47:44 AM	Entry Keypad	1		Jun 14, 2016 12:37:10 PM	Entry Keypad	1	
Jun 13, 2016 11:50:31 AM	Entry Keypad	1		Jun 14, 2016 12:44:10 PM	Entry Keypad	1	
Jun 13, 2016 11:51:24 AM	Exit Keypad		1	Jun 14, 2016 01:06:31 PM	Exit Keypad		1
Jun 13, 2016 11:58:21 AM	Exit Keypad		1	Jun 14, 2016 01:14:51 PM	Exit Keypad		1
Jun 13, 2016 12:10:20 PM	Exit Keypad		1	Jun 14, 2016 03:59:41 PM	Bldg 1 Entry Keypad	1	1
Jun 13, 2016 12:17:27 PM	Exit Keypad		1	Jun 14, 2016 04:00:46 PM	Bldg 1 Entry Keypad	1	1
Jun 13, 2016 12:25:03 PM	Entry Keypad	1		Jun 14, 2016 04:51:00 PM	Entry Keypad	1	
Jun 13, 2016 12:37:25 PM	Entry Keypad	1		Jun 14, 2016 04:54:51 PM	Exit Keypad		1
Jun 13, 2016 12:39:10 PM	Exit Keypad		1	Jun 14, 2016 04:57:31 PM	Bldg 1 Entry Keypad	1	1
Jun 13, 2016 12:44:13 PM	Exit Keypad		1	Jun 14, 2016 05:16:34 PM	Exit Keypad		1
Jun 13, 2016 12:47:27 PM	Entry Keypad	1		Jun 14, 2016 05:18:41 PM	Exit Keypad		1
Jun 13, 2016 12:50:31 PM	Exit Keypad		1	Jun 14, 2016 05:24:01 PM	Exit Keypad		1
Jun 13, 2016 12:53:08 PM	Entry Keypad	1		Jun 14, 2016 05:27:54 PM	Entry Keypad	1	
Jun 13, 2016 01:00:53 PM	Bldg 1 Entry Keypad	1	1	Jun 14, 2016 05:40:16 PM	Exit Keypad		1
Jun 13, 2016 01:01:05 PM	Entry Keypad	1		Jun 14, 2016 06:00:48 PM	Exit Keypad		1
Jun 13, 2016 01:05:36 PM	Exit Keypad		1	Jun 14, 2016 07:13:50 AM	Bldg 1 Entry Keypad	1	1
Jun 13, 2016 01:08:28 PM	Exit Keypad		1	Jun 14, 2016 07:18:45 PM	Entry Keypad	1	
Jun 13, 2016 01:14:11 PM	Exit Keypad		1	Jun 14, 2016 07:21:25 PM	Entry Keypad	1	
Jun 13, 2016 01:22:54 PM	Bldg 1 Entry Keypad	1	1	Jun 14, 2016 07:23:27 PM	Exit Keypad		1
Jun 13, 2016 01:31:18 PM	Entry Keypad	1		Jun 14, 2016 07:45:21 PM	Bldg 1 Entry Keypad	1	1
Jun 13, 2016 01:44:35 PM	Entry Keypad	1		Jun 14, 2016 07:47:27 PM	Entry Keypad	1	
Jun 13, 2016 01:49:19 PM	Entry Keypad	1		Jun 14, 2016 07:52:30 PM	Exit Keypad		1
Jun 13, 2016 02:00:25 PM	Entry Keypad	1		Jun 14, 2016 07:56:15 PM	Exit Keypad		1
Jun 13, 2016 02:00:31 PM	Exit Keypad		1		DAILY TOTALS	31	31
Jun 13, 2016 02:12:41 PM	Exit Keypad		1				
Jun 13, 2016 02:41:59 PM	Exit Keypad		1				
Jun 13, 2016 02:51:34 PM	Entry Keypad	1					
Jun 13, 2016 02:53:20 PM	Entry Keypad	1					
Jun 13, 2016 03:01:18 PM	Entry Keypad	1					
Jun 13, 2016 03:01:19 PM	Exit Keypad		1				
Jun 13, 2016 03:03:03 PM	Entry Keypad	1					
Jun 13, 2016 03:12:43 PM	Entry Keypad	1					
Jun 13, 2016 03:24:32 PM	Entry Keypad	1					
Jun 13, 2016 03:36:06 PM	Exit Keypad		1				
Jun 13, 2016 03:37:16 PM	Exit Keypad		1				
Jun 13, 2016 03:38:54 PM	Exit Keypad		1				
Jun 13, 2016 03:42:21 PM	Entry Keypad	1					
Jun 13, 2016 03:46:24 PM	Exit Keypad		1				
Jun 13, 2016 03:55:50 PM	Entry Keypad	1					
Jun 13, 2016 04:00:30 PM	Exit Keypad		1				
Jun 13, 2016 04:14:13 PM	Exit Keypad		1				
Jun 13, 2016 04:22:10 PM	Entry Keypad	1					
Jun 13, 2016 04:49:45 PM	Exit Keypad		1				
Jun 13, 2016 05:02:22 PM	Entry Keypad	1					
Jun 13, 2016 05:15:46 PM	Entry Keypad	1					
Jun 13, 2016 05:22:59 PM	Exit Keypad		1				
Jun 13, 2016 05:26:28 PM	Entry Keypad	1					
Jun 13, 2016 05:39:38 PM	Entry Keypad	1					
Jun 13, 2016 05:51:38 PM	Exit Keypad		1				
Jun 13, 2016 06:08:05 PM	Exit Keypad		1				
Jun 13, 2016 06:16:55 PM	Exit Keypad		1				
Jun 13, 2016 06:24:36 PM	Entry Keypad	1					
Jun 13, 2016 06:31:54 PM	Exit Keypad		1				
Jun 13, 2016 06:33:57 PM	Entry Keypad	1					
Jun 13, 2016 06:46:19 PM	Exit Keypad		1				
Jun 13, 2016 06:46:23 PM	Bldg 1 Entry Keypad	1	1				
Jun 13, 2016 07:27:10 PM	Entry Keypad	1					
	DAILY TOTALS	46	43				

Notes: Bldg 1 Entry Keypad serves front of building with fewer storage units and does not have an exit keyout procedure, thus outbound noted with same time as entry
Outbound total may have fewer than inbound because a car may follow another car on exit and not use key pad to leave, thus ADT is based on doubling the Ins.
Inbound cars do not follow other cars because if they enter and do not keyin at vehicle gate then an alarm will be triggered when they open their individual rental unit, thus Ins are accurate.

WEDNESDAY						THURSDAY					
Rancho	IN	OUT	AM	AM		Rancho	IN	OUT			
Jun 15, 2016 06:16:40 AM Entry Keypad	1		Peak In	Peak Out		Jun 16, 2016 06:21:25 AM Entry Keypad	1				
Jun 15, 2016 06:23:23 AM Exit Keypad		1	1	1		Jun 16, 2016 06:25:46 AM Exit Keypad		1			
Jun 15, 2016 09:04:16 AM Entry Keypad	1					Jun 16, 2016 06:35:07 AM Entry Keypad	1				
Jun 15, 2016 09:08:14 AM Entry Keypad	1					Jun 16, 2016 06:41:49 AM Exit Keypad		1			
Jun 15, 2016 09:11:26 AM Entry Keypad	1					Jun 16, 2016 07:16:02 AM Entry Keypad	1				
Jun 15, 2016 09:16:17 AM Entry Keypad	1					Jun 16, 2016 07:20:37 AM Entry Keypad	1				
Jun 15, 2016 09:19:09 AM Exit Keypad		1				Jun 16, 2016 07:22:54 AM Entry Keypad	1				
Jun 15, 2016 09:24:41 AM Entry Keypad	1					Jun 16, 2016 07:32:55 AM Exit Keypad		1			
Jun 15, 2016 09:26:14 AM Exit Keypad		1				Jun 16, 2016 07:35:15 AM Entry Keypad	1				
Jun 15, 2016 09:26:52 AM Entry Keypad	1					Jun 16, 2016 07:40:55 AM Exit Keypad		1			
Jun 15, 2016 09:36:04 AM Entry Keypad	1					Jun 16, 2016 08:05:00 AM Entry Keypad	1				
Jun 15, 2016 09:37:51 AM Entry Keypad	1					Jun 16, 2016 08:09:54 AM Entry Keypad	1				
Jun 15, 2016 09:40:33 AM Exit Keypad		1				Jun 16, 2016 08:16:44 AM Exit Keypad		1			
Jun 15, 2016 09:41:44 AM Exit Keypad		1				Jun 16, 2016 08:22:06 AM Exit Keypad		1			
Jun 15, 2016 09:47:34 AM Entry Keypad	1					Jun 16, 2016 08:25:48 AM Entry Keypad	1				
Jun 15, 2016 09:50:41 AM Exit Keypad		1				Jun 16, 2016 08:32:50 AM Exit Keypad		1			
Jun 15, 2016 09:53:16 AM Exit Keypad		1				Jun 16, 2016 08:38:38 AM Exit Keypad		1			
Jun 15, 2016 10:14:23 AM Entry Keypad	1					Jun 16, 2016 08:41:23 AM Entry Keypad	1			AM	AM
Jun 15, 2016 10:27:31 AM Exit Keypad		1				Jun 16, 2016 08:45:56 AM Exit Keypad		1		Peak In	Peak Out
Jun 15, 2016 10:29:40 AM Exit Keypad		1								4	5
Jun 15, 2016 10:38:11 AM Entry Keypad	1					Jun 16, 2016 09:41:19 AM Entry Keypad	1				
Jun 15, 2016 10:49:02 AM Entry Keypad	1					Jun 16, 2016 09:43:03 AM Entry Keypad	1				
Jun 15, 2016 10:51:51 AM Exit Keypad		1				Jun 16, 2016 09:45:33 AM Entry Keypad	1				
Jun 15, 2016 11:21:27 AM Entry Keypad	1					Jun 16, 2016 09:55:38 AM Exit Keypad		1			
Jun 15, 2016 11:28:11 AM Exit Keypad		1				Jun 16, 2016 10:20:28 AM Entry Keypad	1				
Jun 15, 2016 11:56:51 AM Entry Keypad	1					Jun 16, 2016 11:14:24 AM Bldg 1 Entry Keypad	1	1			
Jun 15, 2016 12:04:52 PM Bldg 1 Entry Keypad	1	1				Jun 16, 2016 11:24:27 AM Exit Keypad		1			
Jun 15, 2016 12:05:41 PM Exit Keypad		1				Jun 16, 2016 11:33:01 AM Exit Keypad		1			
Jun 15, 2016 12:07:05 PM Exit Keypad		1				Jun 16, 2016 11:42:40 AM Entry Keypad	1				
Jun 15, 2016 12:43:23 PM Entry Keypad	1					Jun 16, 2016 11:49:57 AM Entry Keypad	1				
Jun 15, 2016 12:51:23 PM Exit Keypad		1				Jun 16, 2016 11:52:05 AM Exit Keypad		1			
Jun 15, 2016 01:04:55 PM Entry Keypad	1					Jun 16, 2016 11:57:35 AM Entry Keypad	1				
Jun 15, 2016 01:08:02 PM Entry Keypad	1					Jun 16, 2016 12:05:00 PM Entry Keypad	1				
Jun 15, 2016 01:17:50 PM Exit Keypad		1				Jun 16, 2016 12:09:55 PM Exit Keypad		1			
Jun 15, 2016 01:24:36 PM Entry Keypad	1					Jun 16, 2016 12:15:02 PM Entry Keypad	1				
Jun 15, 2016 01:34:32 PM Entry Keypad	1					Jun 16, 2016 12:19:22 PM Entry Keypad	1				
Jun 15, 2016 02:07:28 PM Entry Keypad	1					Jun 16, 2016 12:25:05 PM Exit Keypad		1			
Jun 15, 2016 02:13:36 PM Exit Keypad		1				Jun 16, 2016 12:26:36 PM Exit Keypad		1			
Jun 15, 2016 02:15:50 PM Exit Keypad		1				Jun 16, 2016 12:39:57 PM Exit Keypad		1			
Jun 15, 2016 02:17:27 PM Exit Keypad		1				Jun 16, 2016 01:13:50 PM Exit Keypad		1			
Jun 15, 2016 02:21:08 PM Entry Keypad	1					Jun 16, 2016 01:17:30 PM Entry Keypad	1				
Jun 15, 2016 02:23:36 PM Entry Keypad	1					Jun 16, 2016 01:19:25 PM Exit Keypad		1			
Jun 15, 2016 02:32:55 PM Exit Keypad		1				Jun 16, 2016 01:24:37 PM Bldg 1 Entry Keypad	1	1			
Jun 15, 2016 02:37:26 PM Exit Keypad		1				Jun 16, 2016 01:26:10 PM Entry Keypad	1				
Jun 15, 2016 02:42:43 PM Exit Keypad		1				Jun 16, 2016 01:28:19 PM Entry Keypad	1				
Jun 15, 2016 02:44:41 PM Entry Keypad	1					Jun 16, 2016 01:30:45 PM Entry Keypad	1				
Jun 15, 2016 02:48:07 PM Entry Keypad	1					Jun 16, 2016 01:36:06 PM Entry Keypad	1				
Jun 15, 2016 03:04:39 PM Entry Keypad	1					Jun 16, 2016 01:38:41 PM Entry Keypad	1				
Jun 15, 2016 03:07:26 PM Entry Keypad	1					Jun 16, 2016 01:43:36 PM Entry Keypad	1				
Jun 15, 2016 03:10:08 PM Entry Keypad	1					Jun 16, 2016 01:47:09 PM Exit Keypad		1			
			PM	PM		Jun 16, 2016 01:51:10 PM Exit Keypad		1			
Jun 15, 2016 05:05:59 PM Entry Keypad	1		Peak In	Peak Out		Jun 16, 2016 01:53:28 PM Entry Keypad	1				
Jun 15, 2016 05:30:33 PM Exit Keypad		1	1	1		Jun 16, 2016 02:04:28 PM Exit Keypad		1			
Jun 15, 2016 06:09:43 PM Entry Keypad	1					Jun 16, 2016 02:06:14 PM Entry Keypad	1				
Jun 15, 2016 06:12:40 PM Entry Keypad	1					Jun 16, 2016 02:13:48 PM Entry Keypad	1				
Jun 15, 2016 06:13:59 PM Exit Keypad		1				Jun 16, 2016 02:26:00 PM Exit Keypad		1			
Jun 15, 2016 06:17:21 PM Exit Keypad		1				Jun 16, 2016 02:28:06 PM Entry Keypad	1				
Jun 15, 2016 06:31:28 PM Entry Keypad	1					Jun 16, 2016 02:34:13 PM Entry Keypad	1				
Jun 15, 2016 06:36:41 PM Exit Keypad		1				Jun 16, 2016 02:35:40 PM Entry Keypad	1				
Jun 15, 2016 06:54:51 PM Entry Keypad	1					Jun 16, 2016 02:43:09 PM Entry Keypad	1				
Jun 15, 2016 07:00:41 PM Exit Keypad		1				Jun 16, 2016 02:46:23 PM Entry Keypad	1				
Jun 15, 2016 07:10:33 PM Exit Keypad		1				Jun 16, 2016 02:48:42 PM Entry Keypad	1				
Jun 15, 2016 07:13:06 PM Exit Keypad		1				Jun 16, 2016 02:53:11 PM Entry Keypad	1				
	DAILY TOTALS	34	29			Jun 16, 2016 02:54:32 PM Exit Keypad		1			
						Jun 16, 2016 03:00:04 PM Exit Keypad		1			
						Jun 16, 2016 03:29:45 PM Entry Keypad	1				
						Jun 16, 2016 04:16:52 PM Exit Keypad		1			
						Jun 16, 2016 04:41:46 PM Exit Keypad		1			
						Jun 16, 2016 05:09:22 PM Exit Keypad		1			
						Jun 16, 2016 05:13:30 PM Exit Keypad		1			
						Jun 16, 2016 05:14:31 PM Entry Keypad	1				
						Jun 16, 2016 05:25:49 PM Exit Keypad		1		PM	PM
						Jun 16, 2016 05:35:16 PM Entry Keypad	1			Peak In	Peak Out
						Jun 16, 2016 05:52:10 PM Exit Keypad		1		2	4
						Jun 16, 2016 06:34:04 PM Entry Keypad	1				
						Jun 16, 2016 06:50:10 PM Entry Keypad	1				
						Jun 16, 2016 06:54:10 PM Exit Keypad		1			
							DAILY TOTALS	44	34		

Notes: Bldg 1 Entry Keypad serves front of building with fewer storage units and does not have an exit keyout procedure, thus outbound noted with same time as entry
Outbound total may have fewer than inbound because a car may follow another car on exit and not use key pad to leave, thus ADT is based on doubling the Ins.
Inbound cars do not follow other cars because if they enter and do not keyin at vehicle gate then an alarm will be triggered when they open their individual rental unit, thus Ins are accurate.

FRIDAY	Rancho	IN	OUT		
Jun 17, 2016 08:04:48 AM	Entry Keypad	1			
Jun 17, 2016 08:06:39 AM	Entry Keypad	1			
Jun 17, 2016 08:08:24 AM	Entry Keypad	1			
Jun 17, 2016 08:14:48 AM	Entry Keypad	1			
Jun 17, 2016 08:20:44 AM	Entry Keypad	1			
Jun 17, 2016 08:22:26 AM	Entry Keypad	1			
Jun 17, 2016 08:23:53 AM	Exit Keypad		1		
Jun 17, 2016 08:29:12 AM	Entry Keypad	1			
Jun 17, 2016 08:32:34 AM	Entry Keypad	1			
Jun 17, 2016 08:34:02 AM	Entry Keypad	1			
Jun 17, 2016 08:35:36 AM	Exit Keypad		1	AM	AM
Jun 17, 2016 08:41:30 AM	Exit Keypad		1	Peak In	Peak Out
Jun 17, 2016 08:58:30 AM	Entry Keypad	1		10	3
Jun 17, 2016 09:05:26 AM	Entry Keypad	1			
Jun 17, 2016 09:14:14 AM	Exit Keypad		1		
Jun 17, 2016 09:20:58 AM	Exit Keypad		1		
Jun 17, 2016 09:43:46 AM	Exit Keypad		1		
Jun 17, 2016 10:12:17 AM	Exit Keypad		1		
Jun 17, 2016 10:16:06 AM	Bldg 1 Entry Keypad	1	1		
Jun 17, 2016 10:57:35 AM	Entry Keypad	1			
Jun 17, 2016 11:13:08 AM	Exit Keypad		1		
Jun 17, 2016 11:18:25 AM	Entry Keypad	1			
Jun 17, 2016 11:25:50 AM	Entry Keypad	1			
Jun 17, 2016 11:27:31 AM	Exit Keypad		1		
Jun 17, 2016 11:29:35 AM	Entry Keypad	1			
Jun 17, 2016 11:31:59 AM	Exit Keypad		1		
Jun 17, 2016 11:35:12 AM	Entry Keypad	1			
Jun 17, 2016 11:42:28 AM	Entry Keypad	1			
Jun 17, 2016 11:50:51 AM	Exit Keypad		1		
Jun 17, 2016 11:54:23 AM	Exit Keypad		1		
Jun 17, 2016 11:58:01 AM	Entry Keypad	1			
Jun 17, 2016 12:06:01 PM	Exit Keypad		1		
Jun 17, 2016 12:11:08 PM	Exit Keypad		1		
Jun 17, 2016 12:29:33 PM	Entry Keypad	1			
Jun 17, 2016 12:41:58 PM	Entry Keypad	1			
Jun 17, 2016 12:54:19 PM	Entry Keypad	1			
Jun 17, 2016 12:58:09 PM	Exit Keypad		1		
Jun 17, 2016 01:11:01 PM	Exit Keypad		1		
Jun 17, 2016 01:22:11 PM	Exit Keypad		1		
Jun 17, 2016 01:31:54 PM	Entry Keypad	1			
Jun 17, 2016 01:45:29 PM	Entry Keypad	1			
Jun 17, 2016 01:48:13 PM	Entry Keypad	1			
Jun 17, 2016 01:53:24 PM	Exit Keypad		1		
Jun 17, 2016 01:58:33 PM	Entry Keypad	1			
Jun 17, 2016 02:05:33 PM	Exit Keypad		1		
Jun 17, 2016 02:09:15 PM	Exit Keypad		1		
Jun 17, 2016 02:13:10 PM	Entry Keypad	1			
Jun 17, 2016 02:22:31 PM	Exit Keypad		1		
Jun 17, 2016 02:23:54 PM	Entry Keypad	1			
Jun 17, 2016 02:34:20 PM	Entry Keypad	1			
Jun 17, 2016 02:41:04 PM	Exit Keypad		1		
Jun 17, 2016 02:42:53 PM	Entry Keypad	1			
Jun 17, 2016 02:47:13 PM	Exit Keypad		1		
Jun 17, 2016 02:51:54 PM	Entry Keypad	1			
Jun 17, 2016 02:59:38 PM	Exit Keypad		1		
Jun 17, 2016 03:08:51 PM	Entry Keypad	1			
Jun 17, 2016 03:10:47 PM	Exit Keypad		1		
Jun 17, 2016 03:12:39 PM	Exit Keypad		1		
Jun 17, 2016 03:14:14 PM	Exit Keypad		1		
Jun 17, 2016 04:34:32 PM	Entry Keypad	1			
Jun 17, 2016 04:48:41 PM	Bldg 1 Entry Keypad	1	1		
Jun 17, 2016 04:55:44 PM	Bldg 1 Entry Keypad	1	1		
Jun 17, 2016 04:57:42 PM	Exit Keypad		1		
Jun 17, 2016 05:32:59 PM	Exit Keypad		1		
Jun 17, 2016 05:36:56 PM	Entry Keypad	1			
Jun 17, 2016 05:38:53 PM	Entry Keypad	1		PM	PM
Jun 17, 2016 05:42:28 PM	Entry Keypad	1		Peak In	Peak Out
Jun 17, 2016 05:46:46 PM	Exit Keypad		1	3	2
Jun 17, 2016 06:00:01 PM	Entry Keypad	1			
Jun 17, 2016 06:09:09 PM	Entry Keypad	1			
Jun 17, 2016 06:41:19 PM	Entry Keypad	1			
Jun 17, 2016 06:44:35 PM	Exit Keypad		1		
Jun 17, 2016 06:53:35 PM	Exit Keypad		1		
Jun 17, 2016 06:59:27 PM	Entry Keypad	1			
Jun 17, 2016 07:01:12 PM	Entry Keypad	1			
Jun 17, 2016 07:05:21 PM	Exit Keypad		1		
Jun 17, 2016 07:19:28 PM	Exit Keypad		1		
Jun 17, 2016 07:20:56 PM	Exit Keypad		1		
Jun 17, 2016 07:30:13 PM	Exit Keypad		1		
DAILY TOTALS		43	39		

Notes: Bldg 1 Entry Keypad serves front of building with fewer storage units and does not have an exit keyout procedure, thus outbound noted with same time as entry
Outbound total may have fewer than inbound because a car may follow another car on exit and not use key pad to leave, thus ADT is based on doubling the Ins.
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ATTACHMENT C

SANDAG TRIP GENERATION CALCULATIONS

Trip Generation using SANDAG Self-Storage Trip Rates

Proposed Land Use	Rate		Size & Units		ADT	%	Split		AM		%	Split		PM	
									IN	OUT				IN	OUT
Storage	30	/Acre	4.18	Acres	125	6%	0.5	0.5	4	4	9%	0.5	0.5	6	6
Storage	0.2	/Vault	900	Vaults	180	6%	0.5	0.5	5	5	9%	0.5	0.5	8	8
Storage	2	/KSF	140,129	SF	280	6%	0.5	0.5	8	8	9%	0.5	0.5	13	13
Average					195				6	6				9	9

Source: SANDAG *Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region*, April 2002.

SF - Square Feet; KSF - 1,000 SF; ADT-Average Daily Traffic; Split-percent inbound and outbound.

The self-storage occupancy when SANDAG data was collected is noted at 93.6% shown on the following page. The occupancy of the Ace Self-Storage as 92.74% at the Lakeside site and 96.31% at the Rancho site for an average of 94.5%.

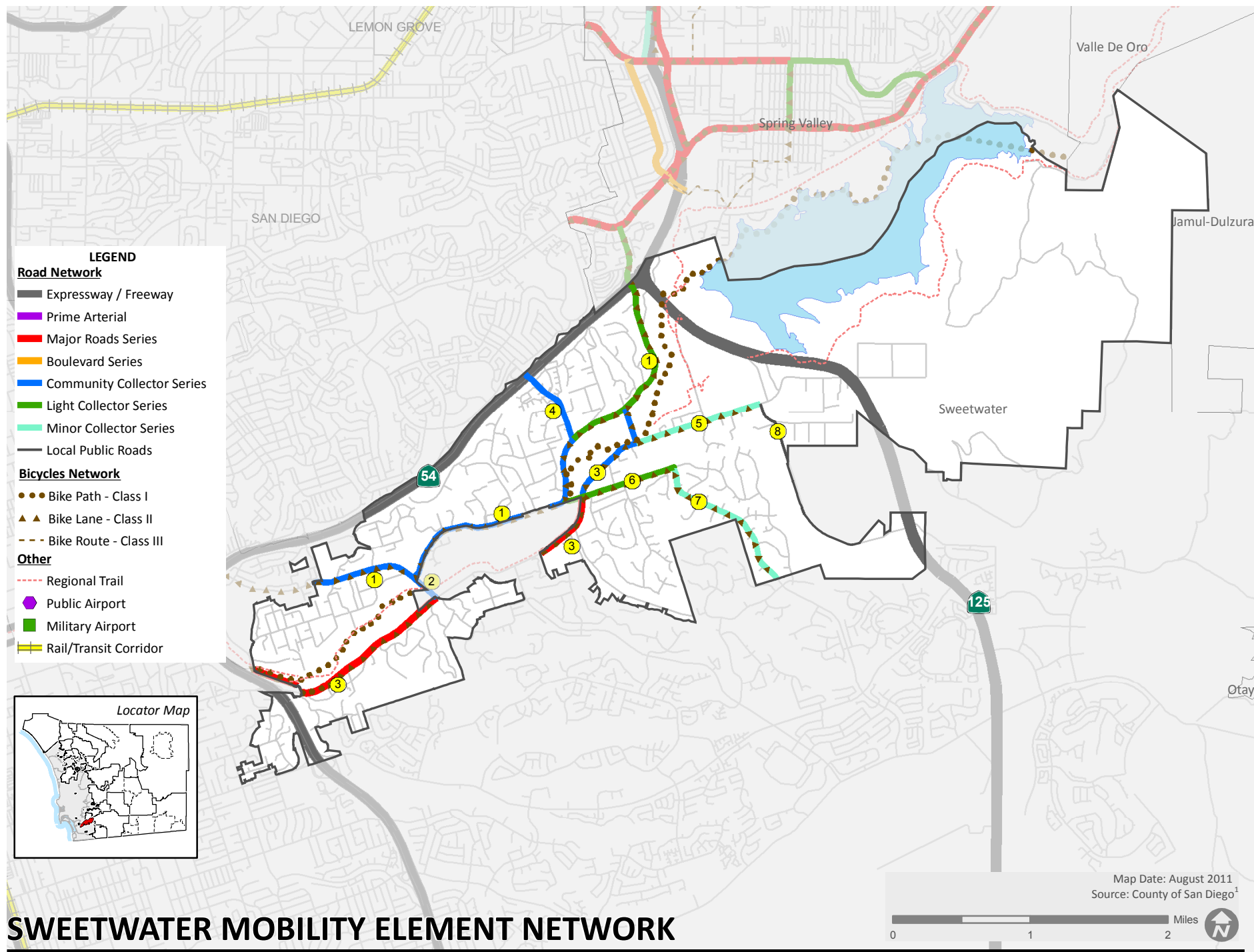
RENTAL SELF-STORAGE COMPARISON

SITE	POWAY STORAGE (Poway)	LIVELY CENTER (Poway)	BRANDON STREET MINI-STORAGE (Fallbrook)	MELROSE MINI-STORAGE (Vista)	LOCK-IT LOCKERS STORAGE (San Diego)	AVERAGE	RANGE
Study Number	SS-1	SS-2	SS-3	SS-4	SS-5		
Study Date	5/85	5/85	5/85	5/85	6/85		
<u>BACKGROUND DATA</u>							
Employees	2	2	2	2	3		
Sq. Ft. of Gross Floor Area Occupied	32,000	20,000	31,348	28,280	59,325		
Acres	2.0	3.0	3.13	2.3	3.37		
Storage Vaults - Total	336	300	279	396	754		
(Occupied)	(98%)	(98%)	(96%)	(86%)	(90%)	93.6%	
<u>TRAFFIC DATA</u>							
Average Weekday Traffic (AWDT)	96	65	49	34	119		
A.M. Peak Hour % of AWDT							
P.M. Peak Hour % of AWDT	8.3%	9.2%	8.2%	11.8%	9.2%	9.3%	8.2%-11.8%
Vehicle Occupancy (Persons per Auto)							
<u>TRIP RATIOS</u>							
Weekday Trips Per . . .							
Employee	48	32	24	17	40	32	17-48
1000 Sq. Ft. of G.F.A.	3.0	3.2	1.6	1.2	2.0	2.2	1.2-3.2
Acre	48	22	16	15	35	27	15-48
Storage Vault - Occupied	0.29	0.22	0.18	0.10	0.18	0.19	0.10-0.29

Reference: San Diego Traffic Generator Manual - July 1986

ATTACHMENT D

SAN DIEGO MOBILITY ELEMENT DETAILS





Mobility Element Network—Sweetwater Community Planning Area Matrix			
ID ^a	Road Segment	Designation/Improvement #.X = [# of lanes].[roadway classification][improvement]	Special Circumstances
1	Sweetwater Road <u>Segment:</u> Plaza Bonita Center Way to Spring Valley CPA boundary	2.1D Community Collector Improvement Options [Right-turn Lanes / Intermittent Turn Lanes]—Plaza Bonita Center Way to Willow Street 2.1C Community Collector Intermittent Turn Lanes —Willow Street to Briarwood Road 2.2D Light Collector Improvement Options [Intermittent Turn Lanes]—Briarwood Road to Bonita Road 2.2C Light Collector Intermittent Turn Lanes—Bonita Road to Spring Valley CPA boundary	None
2	Willow Street <u>Segment:</u> Sweetwater Road to Bonita Road	2.1D Community Collector Improvement Options [Right-turn Lanes / Intermittent Turn Lanes]	None
3	Bonita Road <u>Segment:</u> Interstate 805 interchange (National City) to Sweetwater Road (excluding segment in Chula Vista)	4.1B Major Road Intermittent Turn Lanes—Interstate 805 interchange to Central Avenue 2.1D Community Collector Improvement Options [Unspecified Improvements]—Central Avenue to Sweetwater Road	None
4	Briarwood Road (SC 2211) <u>Segment:</u> SR-54 to Sweetwater Road	2.1D Community Collector Improvement Options [Continuous Left Turn Lane / Right Turn Lanes]	Accepted at LOS E <u>Segment:</u> SR-54 westbound ramp to Robinwood Road Recommended Improvement Move existing equestrian trails from median to parkway (edge of road) Shoulder as Parking Lane Separate Bike Lane required—Robinwood Road to Sweetwater Road
5	San Miguel Road (SA 1060) <u>Segment:</u> Bonita Road to Proctor Valley Road	Local Public Road	None

ATTACHMENT E

EXISTING AND SANDAG 2035 VOLUMES

WEDNESDAY - JUNE 22, 2016

CITY: BONITA

PROJECT: PTD16-0624-02

BONITA - ACACIA TO CENTRAL

AM Period	NB	SB	EB	WB	PM Period	NB	SB	EB	WB
00:00	18	28			12:00	163	116		
00:15	22	20			12:15	151	183		
00:30	26	19			12:30	144	137		
00:45	21	87	22	89	12:45	173	631	144	580
									1211
01:00	19	16			13:00	176	133		
01:15	20	11			13:15	155	149		
01:30	15	8			13:30	146	123		
01:45	11	65	19	54	13:45	164	641	128	533
									1174
02:00	19	12			14:00	145	131		
02:15	12	11			14:15	164	122		
02:30	9	15			14:30	155	115		
02:45	11	51	11	49	14:45	134	598	126	494
									1092
03:00	6	8			15:00	157	151		
03:15	5	9			15:15	164	168		
03:30	7	8			15:30	157	195		
03:45	9	27	7	32	15:45	179	657	222	736
									1393
04:00	5	9			16:00	203	235		
04:15	9	5			16:15	207	235		
04:30	12	6			16:30	185	284		
04:45	35	61	12	32	16:45	206	801	321	1075
									1876
05:00	44	18			17:00	235	333		
05:15	68	22			17:15	221	318		
05:30	70	23			17:30	218	328		
05:45	68	250	35	98	17:45	206	880	305	1284
									2164
06:00	91	66			18:00	184	284		
06:15	115	68			18:15	161	295		
06:30	135	70			18:30	174	234		
06:45	125	466	95	299	18:45	154	673	242	1055
									1728
07:00	198	84			19:00	132	222		
07:15	235	121			19:15	121	201		
07:30	284	135			19:30	135	184		
07:45	274	991	145	485	19:45	122	510	191	798
									1308
08:00	295	151			20:00	118	165		
08:15	284	165			20:15	105	151		
08:30	295	135			20:30	118	142		
08:45	262	1136	111	562	20:45	91	432	135	593
									1025
09:00	242	125			21:00	70	111		
09:15	222	115			21:15	54	108		
09:30	184	125			21:30	55	98		
09:45	191	839	135	500	21:45	65	244	80	397
									641
10:00	165	108			22:00	40	70		
10:15	142	126			22:15	35	65		
10:30	151	121			22:30	28	55		
10:45	125	583	111	466	22:45	21	124	40	230
									354
11:00	135	135			23:00	44	35		
11:15	144	141			23:15	32	42		
11:30	151	128			23:30	28	28		
11:45	162	592	138	542	23:45	21	125	33	138
									263
Total Vol.	5148	3208			8356	6316	7913		14229
					Daily Totals				
					NB	SB	EB	WB	Combined
					11464	11121			22585
Split %	AM				PM				
	61.6%	38.4%		37.0%	44.4%	55.6%			63.0%
Peak Hour	07:45	07:30		07:45	16:45	16:45			16:45
Volume	1148	596		1744	880	1300			2180
P.H.F.	0.97	0.90		0.97	0.94	0.98			0.96

SANDAG Series 12 Year 2020 VOLUMES

