Spring 2023

TRIP AND PARKING GENERATION STUDY

Santa Rosa Park, San Luis Obispo

View of Playground at Santa Rosa Park, Credit: City of SLO

Institute of Transportation Engineers (ITE)
Cal Poly, San Luis Obispo Chapter

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Letter of Submittal

March 31, 2023

Jeanne Acutanza
Technical Committee Chair
ITE Western District

Subject: Report for 2023 Western District ITE Data Collection Project

On behalf of the Institute of Transportation Engineers Student Chapter at Cal Poly, San Luis Obispo, I am pleased to submit our Trip and Parking Generation Study.

We collected and analyzed trip and parking generation data at our chosen site: Santa Rosa Park, located in San Luis Obispo, CA. This location corresponds to the ITE Land Use 411, identified as a public park land use in the ITE Trip and Parking Generation Manual. Our chapter previously surveyed this site during the COVID-19 pandemic in 2021 as part of the ITE Western District's Data Collection Project for that year. We collected data in February on a Wednesday, Saturday, and Sunday, mirroring the methods from the previous study. This report includes a summary of our data and findings from our study as well as an appendix with all of the trip and parking demand data forms used.

Please do not hesitate to contact me by phone at (805) 206-5576 or by email at amiciano@calpoly.edu if you have any questions.

Sincerely,

Ana Miciano
Secretary
Cal Poly ITE Student Chapter

Background

The Cal Poly, San Luis Obispo (SLO) Institute of Transportation Engineers (ITE) student chapter collected trip generation and parking demand data for Santa Rosa Park (SRP), located within the City of SLO, CA. An aerial view of the location is provided in Figure 1. The park, recognized as land use (LU) 411 in the ITE Trip and Parking Generation Manual, 11th Edition, contains several amenities including large grass fields, picnic areas, playground facilities, basketball courts, softball fields, a skate park, and a roller sport field. Throughout the year, the park is also host to a variety of community events. Table 1 provides relevant site characteristics.

Figure 1: Aerial view of the project site (Source: Google Earth)

Table 1. Site Characteristics

Address	1050 Oak St, San Luis Obispo, CA 93405
Total Acreage	9.98 acres
Total Number of Parking Spaces	132
Amenities	Grass fields, picnic areas, playground facilities, basketball courts, softball fields, a skate park, and a roller sport field

The Cal Poly, SLO ITE student chapter originally collected trip generation and parking demand data at this site in February 2021 for the 2021 ITE Western District Collection Project during the COVID-19 pandemic with the effects of the pandemic in mind. We collected data at the site again to provide further insight into the effects the pandemic had on travel patterns and demand for this land use type, which is underrepresented in the ITE trip generation manual.

Methodology

We performed pedestrian, bicycle, and vehicle trip generation and parking demand data collection by means of manual, in-person counts, recording counts on forms attached in the Appendix. Data collection methods for trip generation and parking demand adhered to the methods specified in the ITE Trip Generation Manual, 11 Edition, and the ITE Parking Generation Manual, 5th Edition.

The 12-hour counts were conducted from the hours of 7AM to 7PM on each of our designated data collection dates by 18 volunteers, most of whom are active Cal Poly SLO ITE student chapter members. Those three data collection dates were Sunday, February 5th, 2023; Wednesday, February 8th, 2023; and Saturday, February 11th, 2023. In our proposal, we originally designated Sunday, February 12th, 2023 as our Sunday data collection, mirroring our chapter's previous study in 2021 and its dates. However, we moved the Sunday data collection date to the previous weekend to account for potentially irregular trip generation and parking demand trends due to the Super Bowl Sunday holiday on Sunday, February 12, 2023.

Data Collection Results

Table 2 summarizes weather observations we made during data collection efforts, which may have impacted trip and parking patterns at the park. Tables 3, 4, and 5 summarize the trip generation data collected on a Sunday, Wednesday, and Saturday respectively. The peak hours, trip totals for each transportation mode, directional distribution, and acreage trip rate for the 12-hr, AM peak, and PM peak periods are included for each day. Table 6 summarizes the parking generation data and includes peak hours and highest parking demands for each day of data collection.

Table 2. Weather Observations on Data Collection Dates

	Temperature	**Wind**	**Precipitation**
Sunday, February 5th, 2023	High: 59°F, Low: 48°F	Windy, max wind speed of 18 mph	-
Wednesday, February 8th, 2023	High: 74°F, Low: 41°F	Windy, max wind speed of 16 mph	-
Saturday, February 11th, 2023	High: 54°F, Low: 39°F	Slightly, max wind speed of 10 mph	15-20 minute periods of rainfall throughout day

Table 3. Trip Generation Data Summary for Sunday

Sunday, February 5th, 2023			
Time Period	**12-Hr Volume**	**AM Peak Hour**	**PM Peak Hour**
Peak Hour	-	11:00 - 12:00	1:00 - 2:00
Vehicles In	250	23	28
Vehicles Out	234	20	30
Total Vehicle Trips	484	43	58
Directional Distribution In	52%	53%	48%
Directional Distribution Out	48%	47%	52%
Trip Rate (Trips/Acre)	48.50	4.31	5.81
Truck Trips	2	0	0
Bicycle Trips	47	1	4
Pedestrian Trips	339	28	46
Total Trips	872	72	108

Table 4. Trip Generation Data Summary for Weekday

Wednesday, February 8th, 2023			
Time Period	**12-Hr Volume**	**AM Peak Hour**	**PM Peak Hour**
Peak Hour	-	11:00 - 12:00	1:00 - 2:00
Vehicles In	271	25	25
Vehicles Out	251	31	42
Total Vehicle Trips	522	56	67
Directional Distribution In	52%	45%	37%
Directional Distribution Out	48%	55%	63%
Trip Rate (Trips/Acre)	52.30	5.61	6.71
Truck Trips	11	0	0
Bicycle Trips	176	28	14
Pedestrian Trips	361	18	44
Total Trips	1070	102	125

Table 5. Trip Generation Data Summary for Saturday

Saturday, February 11th, 2023			
Time Period	**12-Hr Volume**	**AM Peak Hour**	**PM Peak Hour**
Peak Hour	-	11:00 - 12:00	5:00 - 6:00
Vehicles In	192	21	22
Vehicles Out	188	28	28
Total Vehicle Trips	380	49	50
Directional Distribution In	51%	43%	44%
Directional Distribution Out	49%	57%	56%
Trip Rate (Trips/Acre)	38.08	4.91	5.01
Truck Trips	10	2	0
Bicycle Trips	44	3	6
Pedestrian Trips	197	7	13
Total Trips	631	61	69

Table 6. Parking Generation Data Summary

Day	**Sunday**	**Wednesday**	**Saturday**
Date	February 5, 2023	February 8, 2023	February 11, 2023
Peak Hour	12:00 PM - 1:00 PM, 1:00 PM - 2:00 PM	1:00 PM - 2:00 PM	11:00 AM - 12:00 PM
Peak Parking Demand	40	52	36
Parking Rate (Parking Demand/Acre)	4.01	5.21	3.61

ITE Trip Generation Comparison

Table 7 compares the daily average trip rates given in the 11th Edition ITE Trip Generation Manual for LU 441 to the calculated trip rates from the data collection at SRP for this study in 2023 (after the pandemic) and the previous study in 2021 (during the pandemic). Please note that the rates provided by the 11th Edition ITE Trip Generation Manual are 24-hour rates as opposed to the rates collected during the studies at SRP, which are 12-hour rates. As such, the daily rates for SRP are not included in the table and can be assumed to be slightly higher than the 12-hour rates. Further, the 11th Edition ITE Trip Generation Manual does not separate AM and PM peak periods.

Table 7: Trip Generation Comparison

Time Period	11th Edition Avg. Trip Rate (Trips/Acre)	2023 SRP Trip Rate (Trips/Acre)	2021 SRP Trip Rate (Trips/Acre)
Weekday	0.78	–	–
Weekday AM	0.07	5.61	7.52
Weekday PM	0.11	6.71	11.92
Saturday	1.96	–	–
Saturday Peak	0.28	5.01	10.22
Sunday	2.19	–	–
Sunday Peak	0.31	5.81	14.02

ITE Parking Generation Comparison

Table 8 directly compares the daily (24-hour) parking demand rates from the 5th Edition of the ITE Parking Generation Manual and the 12-hour parking demand rates for SRP for this study in 2023 (after the pandemic) and the previous study in 2021 (during the pandemic). Please note that the values given in the 5th Edition ITE Parking Generation Manual are 24-hour rates, while the values calculated for our study were 12-hour rates.

Table 8: Parking Generation Comparison

Time Period	5th Edition Daily Parking Rate (Parking Demand/Acre)	2023 SRP Daily Parking Rate (Parking Demand/Acre)	2021 SRP Daily Parking Rate (Parking Demand/Acre)
Saturday	0.47	3.61	6.71
Sunday	1.21	4.01	7.21

Analysis and Conclusion

SRP is situated near the center of the City of SLO along SR-1, a major state highway that is heavily traveled by tourists and commuters, and is easily accessible to pedestrians and bicyclists. The site is also served by local and regional transit, courtesy of a neighboring bus stop on the west side of the lot.

As demonstrated by Tables 7 and 8, there are large discrepancies between the trip and parking rates from the ITE Trip and Parking Generation Manuals and those from the studies at SRP in 2023 and 2021. The trip rates calculated for SRP are much greater than the trip rates in the manual. The given parking rates are also significantly different from the calculated rates using data from the conducted study. The

values calculated for Sunday seem to have the greatest discrepancy. There could be a few reasons for this.

First, SRP contains several amenities and is home to many organized community events, a few of which we observed during our data collection. A few of those events include roller derbies and organized baseball, soccer, and roller hockey practices. As those events were happening, there was still regular activity at the skatepark and playground facilities. As such, in proportion to its size, SRP generates a lot of trips for a public park. In fact, the trip and parking rates from the ITE Trip and Parking Generation Manuals were found from parks much larger than SRP with acreages ranging from 290 - 612 acres from the 11th Edition Trip Generation Manual and acreages running from 14 - 132 from the 5th Edition Parking Generation Manual–with SRP having a total acreage of 9.98 acres by comparison.

Further, we noticed that total pedestrian counts entering the park were much higher than pedestrian counts leaving the park; individuals coming to the park by scooter or skateboard were counted as pedestrians. We noticed that several kids came to the park by skateboard, scooter, or on foot, but were picked up in vehicles by their parents after a few hours or remained at the park after data collection hours had concluded. These may account for the uneven distribution we noticed. This pattern was noticed all three days, but particularly on Saturday where 125 pedestrians entered the park, but 72 exited, as seen in Appendix A.

Tables 7 and 8 also compare the trip and parking generation rates between the studies performed by our chapter in 2021 during the pandemic and in 2023 after the pandemic. The tables demonstrate that since the pandemic, there has been an overall decrease in trip and parking generation trends to SRP, with the values from 2021 being greater than those found in 2023. During the pandemic and subsequent quarantine, more people were at home and usual activities were lessened. As a result, outdoor activities were encouraged and more trips were made to local parks, including SRP.

During our data collection efforts we experienced bouts of inclement weather, which are mentioned in Table 2 in the Data Collection Results section. It rained periodically throughout Saturday and was rather windy on Sunday and Wednesday. Weather patterns can directly impact travel patterns to and from a particular site and it may have impacted our study as well with Saturday seeing the lowest total number of trips to SRP.

Acknowledgments

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ITE Western District Technical Committee

Student Endowment Fund

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Appendices

Appendix A - ITE Trip Generation Data Forms

Sunday, February 5, 2023 Trip Generation Data Form
Wednesday, February 8, 2023 Trip Generation Data Form
Saturday, February 11, 2023 Trip Generation Data Form

Appendix B - ITE Parking Demand Survey Form

Appendix C - Trip Generation Tally Forms (include field notes)

Sunday, February 5, 2023 Trip Generation Tally Form
Wednesday, February 8, 2023 Trip Generation Tally Form
Saturday, February 11, 2023 Trip Generation Tally Form

Appendix D - Parking Generation Tally Forms (include field notes)

Sunday, February 5, 2023 Parking Generation Tally Form
Wednesday, February 8, 2023 Parking Generation Tally Form
Saturday, February 11, 2023 Parking Generation Tally Form

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Trip Generation Data Form (Part 1)

Land Use/Building Type:[1] Public Park	ITE Land Use Code: 411
Source: ITE Trip Generation Manual 11th Edition	Source No. (*ITE use only*):
Name of Development: Santa Rosa Park	Day of the Week: Sunday
City: San Luis Obispo State/Province: CA Zip/Postal Code: 90029	Day: 5 Month: February Year: 2023
Country: USA	Metropolitan Area: San Luis Obispo-Paso Robles

1. For fast-food land use, please specify if hamburger- or nonhamburger-based.

Location Within Area:

- ☐ (1) CBD
- ☒ (2) Urban (Non-CBD)
- ☐ (3) Suburban (Non-CBD)
- ☐ (4) Suburban CBD
- ☐ (5) Rural
- ☐ (6) Freeway Interchange Area (Rural)
- ☐ (7) Not Given

Independent Variable: (include data for as many as possible)[2]	Actual	Estimated
_____ (1) Employees (#)	☐	☐
_____ (2) Persons (#)	☐	☐
_____ (3) Total Units (#) (indicate unit:_____)	☐	☐
_____ (4) Occupied Units (#) (indicate unit:_____)	☐	☐
_____ (5) Gross Floor Area (gross sq. ft.)	☐	☐
(% of development occupied _____)		
_____ (6) Net Rentable Area (sq. ft.)	☐	☐
_____ (7) Gross Leasable Area (sq. ft.)	☐	☐
(% of development occupied _____)		
9.98 (8) Total Acres (% developed: _____)	☐	☒
132 (9) Parking Spaces (% occupied: _____)	☒	☐
_____ (10) Beds (% occupied: _____)	☐	☐
_____ (11) Seats (#)	☐	☐
_____ (12) Servicing Positions/Vehicle Fueling Positions	☐	☐
_____ (13) Shopping Center % Out-parcels/pads	☐	☐
_____ (14) A.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
_____ (15) P.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
_____ (16) Other _____	☐	☐
_____ (17) Other _____	☐	☐

Detailed Description of Development:[3]

Public Park, located within an urban area, with ample amounts of amenities. Amenities include large grass fields, picnic areas, playground facilities, basketball courts, softball fields, a large skate park, roller sport field, and various paved walking paths throughout Santa Rosa Park.

2. Definitions for several independent variables can be found in the *Trip Generation,* Second Edition, *User's Guide* Glossary.

3. Please provide all pertinent information to describe the subject project, including the presence of bicycle/pedestrian facilities. To report bicycle/pedestrian volumes, please refer to Part 4 of this data form.

Other Data:

Vehicle Occupancy (#):
_____ A.M. _____ P.M. _____ 24-hour %

Percent by Transit:
_____ A.M. % _____ P.M. % _____ 24-hour %

Percent by Carpool/Vanpool:
_____ A.M. % _____ P.M. % _____ 24-hour %

Employees by Shift:

	Start Time	End Time	Employees (#)
First Shift:	_____	_____	_____
Second Shift:	_____	_____	_____
Third Shift:	_____	_____	_____

Parking Cost on Site: Hourly _____ Daily _____

Transportation Demand Management (TDM) Information:

At the time of this study, was there a TDM program (that may have impacted the trip generation characteristics of this site) underway?

☒ No

☐ Yes (If yes, please check appropriate box/boxes, describe the nature of the TDM program(s) and provide a source for any studies that may help quantify this impact. Attach additional sheets if necessary)

- ☐ (1) Transit Service
- ☐ (2) Carpool Programs
- ☐ (3) Vanpool Programs
- ☐ (4) Bicycle/Pedestrian Facilities and Site Improvements
- ☐ (5) Employer Support Measures
- ☐ (6) Preferential HOV Treatments
- ☐ (7) Transit and Ridesharing Incentives
- ☐ (8) Parking Supply and Pricing Management
- ☐ (9) Tolls and Congestion Pricing
- ☐ (10) Variable Work Hours/Compressed Work Weeks
- ☐ (11) Telecommuting
- ☐ (12) Other _____

Please Complete Form on Other Side

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Trip Generation Data Form (Part 2)

Summary of Driveway Volumes ***(All = All Vehicles Counted, Including Trucks; Trucks = Heavy Duty Trucks and Buses)***

	Average Weekday (M-F)						Saturday						Sunday					
	Enter		Exit		Total		Enter		Exit		Total		Enter		Exit		Total	
	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks
12-Hour Volume													251	1	235	1	486	2
X Hour Volume 7 AM - 7 PM																		
A.M. Peak Hour of Adjacent Street Traffic (7 – 9) Time:																		
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time:																		
A.M. Peak Hour Generator[2] Time:																		
P.M. Peak Hour Generator[2] Time:																		
Peak Hour Generator[3] Time (Weekend): 1 PM - 2 PM													28	0	30	0	58	0

[1.] **Highest hourly volume between 7 a.m. and 9 a.m. (4 p.m. and 6 p.m.). Please specify the peak hour.**
[2.] **Highest hourly volume during the a.m. or p.m. period. Please specify the peak hour.**
[3.] **Highest hourly volume during the entire day. Please specify the peak hour.**
Please refer to the *Trip Generation User's Guide* for full definition of terms.

Hourly Driveway Volumes- Average Weekday (M-F)

A.M. Period	Enter		Exit		Total		Mid-Day Period	Enter		Exit		Total		P.M. Period	Enter		Exit		Total	
	All	Trucks	All	Trucks	All	Trucks		All	Trucks	All	Trucks	All	Trucks		All	Trucks	All	Trucks	All	Trucks
6:00-7:00							11:00-12:00							3:00-4:00						
6:15-7:15							11:15-12:15							3:15-4:15						
6:30-7:30							11:30-12:30							3:30-4:30						
6:45-7:45							11:45-12:45							3:45-4:45						
7:00-8:00							12:00-1:00							4:00-5:00						
7:15-8:15							12:15-1:15							4:15-5:15						
7:30-8:30							12:30-1:30							4:30-5:30						
7:45-8:45							12:45-1:45							4:45-5:45						
8:00-9:00							1:00-2:00							5:00-6:00						

X **Check if Part 3, 4 and/or additional information is attached.**

Survey conducted by: Name: Ana Micano
Organization: Cal Poly SLO ITE
Address: 1 Grand Ave.
City/State/Zip: San Luis Obispo, CA 93405
Telephone #: (805) 206-5576 Fax #: N/A E-mail: amicano@calpoly.edu

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Institute of Transportation Engineers

Trip Generation Data Form (Part 3)

Name/Organization: Cal Poly SLO ITE **City/State:** San Luis Obispo, CA

Telephone Number: (805) 206-5576

Detailed Driveway Volumes: Attach this sheet to Parts 1 and 2 if you are providing additional information.

Day of the week: Sunday

(All = All Vehicles Counted, Including Trucks; Trucks = Heavy Duty Trucks and Buses)

A.M. Period	Enter		Exit		Total		P.M. Period	Enter		Exit		Total	
	All	Trucks	All	Trucks	All	Trucks		All	Trucks	All	Trucks	All	Trucks
12:00-12:15							12:00-12:15			3		3	
12:15-12:30							12:15-12:30	7		4		11	
12:30-12:45							12:30-12:45	8		9		17	
12:45-1:00							12:45-1:00	12		2		14	
1:00-1:15							1:00-1:15	10		8		18	
1:15-1:30							1:15-1:30	7		8		15	
1:30-1:45							1:30-1:45	5		4		9	
1:45-2:00							1:45-2:00	6		10		16	
2:00-2:15							2:00-2:15	2		6		8	
2:15-2:30							2:15-2:30	10		10		20	
2:30-2:45							2:30-2:45	3		11		14	
2:45-3:00							2:45-3:00	7		4		11	
3:00-3:15							3:00-3:15	10		5		15	
3:15-3:30							3:15-3:30	5		9		14	
3:30-3:45							3:30-3:45	4		3		7	
3:45-4:00							3:45-4:00	8		5		13	
4:00-4:15							4:00-4:15	6		3		9	
4:15-4:30							4:15-4:30	6		11		17	
4:30-4:45							4:30-4:45	10		10		20	
4:45-5:00							4:45-5:00	10		8		18	
5:00-5:15							5:00-5:15	3		5		8	
5:15-5:30							5:15-5:30	8		4		12	
5:30-5:45							5:30-5:45	8		8		16	
5:45-6:00							5:45-6:00	5		3		8	
6:00-6:15							6:00-6:15	7	1	5	1	12	2
6:15-6:30							6:15-6:30	2		10		12	
6:30-6:45							6:30-6:45	2		10		12	
6:45-7:00							6:45-7:00	3		7		10	
7:00-7:15	2				2		7:00-7:15						
7:15-7:30			1		1		7:15-7:30						
7:30-7:45			1		1		7:30-7:45						
7:45-8:00	1		1		2		7:45-8:00						
8:00-8:15	2		2		4		8:00-8:15						
8:15-8:30	3		1		4		8:15-8:30						
8:30-8:45	3		2		5		8:30-8:45						
8:45-9:00	2		4		6		8:45-9:00						
9:00-9:15	2		1		3		9:00-9:15						
9:15-9:30	2		2		4		9:15-9:30						
9:30-9:45	12		1		13		9:30-9:45						
9:45-10:00	7		4		11		9:45-10:00						
10:00-10:15	2		1		3		10:00-10:15						
10:15-10:30	4		1		5		10:15-10:30						
10:30-10:45	10		3		13		10:30-10:45						
10:45-11:00	2		5		7		10:45-11:00						
11:00-11:15	6		7		13		11:00-11:15						
11:15-11:30	7		5		12		11:15-11:30						
11:30-11:45	7		4		11		11:30-11:45						
11:45-12:00	3		4		7		11:45-12:00						

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Trip Generation Data Form (Part 4)

Summary of Bicycle Volumes

	Average Weekday (M-F)			*Saturday*			*Sunday*		
	Enter	*Exit*	*Total*	*Enter*	*Exit*	*Total*	*Enter*	*Exit*	*Total*
12-Hour Volume ~~X~~-Hour Volume 7 AM - 7 PM							29	18	47
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time:									
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time:									
A.M. Peak Hour Generator[2] Time:									
P.M. Peak Hour Generator[2] Time:									
Peak Hour Generator[3] Time (Weekend): 6 PM - 7 PM							5	2	7

[1] Highest hourly volume between 7 a.m. and 9 a.m. (4 p.m. and 6 p.m.) as defined in Trip Generation Data Form (Part 2). Please specify the peak hour.
[2] Highest hourly volume during the a.m. or p.m. period. Please specify the peak hour.
[3] Highest hourly volume during the entire day. Please specify the peak hour. Please attach supplemental hourly volumes.
Please refer to the *Trip Generation User's Guide* for full definition of terms.

Summary of Pedestrian Volumes

	Average Weekday (M-F)			*Saturday*			*Sunday*		
	Enter	*Exit*	*Total*	*Enter*	*Exit*	*Total*	*Enter*	*Exit*	*Total*
12-Hour Volume ~~X~~-Hour Volume 7 AM - 7 PM							211	128	339
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time:									
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time:									
A.M. Peak Hour Generator[2] Time:									
P.M. Peak Hour Generator[2] Time:									
Peak Hour Generator[3] Time (Weekend): 1 PM - 2 PM							29	17	46

Survey conducted by: Name: Ana Micano
Organization: Cal Poly SLO ITE
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Institute of Transportation Engineers

Trip Generation Data Form (Part 1)

Land Use/Building Type:[1] Public Park	ITE Land Use Code: 411
Source: ITE Trip Generation Manual 11th Edition	Source No. (*ITE use only*):
Name of Development: Santa Rosa Park	Day of the Week: Wednesday
City: San Luis Obispo State/Province: CA Zip/Postal Code: 90029	Day: 8 Month: February Year: 2023
Country: USA	Metropolitan Area: San Luis Obispo-Paso Robles

1. For fast-food land use, please specify if hamburger- or nonhamburger-based.

Location Within Area:

- ☐ (1) CBD
- ☒ (2) Urban (Non-CBD)
- ☐ (3) Suburban (Non-CBD)
- ☐ (4) Suburban CBD
- ☐ (5) Rural
- ☐ (6) Freeway Interchange Area (Rural)
- ☐ (7) Not Given

Independent Variable: (include data for as many as possible)[2]	Actual	Estimated
_____ (1) Employees (#)	☐	☐
_____ (2) Persons (#)	☐	☐
_____ (3) Total Units (#) (indicate unit:_____)	☐	☐
_____ (4) Occupied Units (#) (indicate unit:_____)	☐	☐
_____ (5) Gross Floor Area (gross sq. ft.)	☐	☐
(% of development occupied _____)		
_____ (6) Net Rentable Area (sq. ft.)	☐	☐
_____ (7) Gross Leasable Area (sq. ft.)	☐	☐
(% of development occupied _____)		
9.98 (8) Total Acres (% developed: _____)	☐	☒
132 (9) Parking Spaces (% occupied: _____)	☒	☐
_____ (10) Beds (% occupied: _____)	☐	☐
_____ (11) Seats (#)	☐	☐
_____ (12) Servicing Positions/Vehicle Fueling Positions	☐	☐
_____ (13) Shopping Center % Out-parcels/pads	☐	☐
_____ (14) A.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
_____ (15) P.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
_____ (16) Other _____	☐	☐
_____ (17) Other _____	☐	☐

Detailed Description of Development:[3]

Public Park, located within an urban area, with ample amounts of amenities. Amenities include large grass fields, picnic areas, playground facilities, basketball courts, softball fields, a large skate park, roller sport field, and various paved walking paths throughout Santa Rosa Park.

2. Definitions for several independent variables can be found in the *Trip Generation,* Second Edition, *User's Guide* Glossary.

3. Please provide all pertinent information to describe the subject project, including the presence of bicycle/pedestrian facilities. To report bicycle/pedestrian volumes, please refer to Part 4 of this data form.

Other Data:

Vehicle Occupancy (#):
_____ A.M. _____ P.M. _____ 24-hour %

Percent by Transit:
_____ A.M. % _____ P.M. % _____ 24-hour %

Percent by Carpool/Vanpool:
_____ A.M. % _____ P.M. % _____ 24-hour %

Employees by Shift:

	Start Time	End Time	Employees (#)
First Shift:	_____	_____	_____
Second Shift:	_____	_____	_____
Third Shift:	_____	_____	_____

Parking Cost on Site: Hourly _____ Daily _____

Transportation Demand Management (TDM) Information:

At the time of this study, was there a TDM program (that may have impacted the trip generation characteristics of this site) underway?

☒ No

☐ Yes (If yes, please check appropriate box/boxes, describe the nature of the TDM program(s) and provide a source for any studies that may help quantify this impact. Attach additional sheets if necessary)

- ☐ (1) Transit Service
- ☐ (2) Carpool Programs
- ☐ (3) Vanpool Programs
- ☐ (4) Bicycle/Pedestrian Facilities and Site Improvements
- ☐ (5) Employer Support Measures
- ☐ (6) Preferential HOV Treatments
- ☐ (7) Transit and Ridesharing Incentives
- ☐ (8) Parking Supply and Pricing Management
- ☐ (9) Tolls and Congestion Pricing
- ☐ (10) Variable Work Hours/Compressed Work Weeks
- ☐ (11) Telecommuting
- ☐ (12) Other _____

Please Complete Form on Other Side

Institute of Transportation Engineers

Trip Generation Data Form (Part 2)

Summary of Driveway Volumes ***(All = All Vehicles Counted, Including Trucks; Trucks = Heavy Duty Trucks and Buses)***

	Average Weekday (M-F)						Saturday						Sunday					
	Enter		Exit		Total		Enter		Exit		Total		Enter		Exit		Total	
	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks
12-Hour Volume X Hour Volume 7 AM - 7 PM	278	7	255	4	544	11												
A.M. Peak Hour of Adjacent Street Traffic (7 – 9) Time:																		
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time:																		
A.M. Peak Hour Generator[2] Time: 11 AM - 12 PM	25	0	31	0	56	0												
P.M. Peak Hour Generator[2] Time: 1 PM - 2 PM	25	0	42	0	67	0												
Peak Hour Generator[3] Time (Weekend):																		

[1.] **Highest hourly volume between 7 a.m. and 9 a.m. (4 p.m. and 6 p.m.). Please specify the peak hour.**
[2.] **Highest hourly volume during the a.m. or p.m. period. Please specify the peak hour.**
[3.] **Highest hourly volume during the entire day. Please specify the peak hour.**
Please refer to the *Trip Generation User's Guide* for full definition of terms.

Hourly Driveway Volumes- Average Weekday (M-F)

A.M. Period	Enter		Exit		Total		Mid-Day Period	Enter		Exit		Total		P.M. Period	Enter		Exit		Total	
	All	Trucks	All	Trucks	All	Trucks		All	Trucks	All	Trucks	All	Trucks		All	Trucks	All	Trucks	All	Trucks
6:00-7:00							11:00-12:00	16		11		27		3:00-4:00	26		26	1	52	1
6:15-7:15							11:15-12:15	22		14		36		3:15-4:15	25		33	1	58	1
6:30-7:30							11:30-12:30	23		19		42		3:30-4:30	25		31		56	
6:45-7:45							11:45-12:45	23	1	16		39	1	3:45-4:45	20		19		39	
7:00-8:00	8		5		13		12:00-1:00	25	1	15		40	1	4:00-5:00	21		19		40	
7:15-8:15	14		5		19		12:15-1:15	22	1	14		36	1	4:15-5:15	26		16		42	
7:30-8:30	13		6		19		12:30-1:30	22	1	7		29	1	4:30-5:30	25		17		42	
7:45-8:45	16		3		19		12:45-1:45	25		12	1	37	1	4:45-5:45	23		30		53	
8:00-9:00	18		9		27		1:00-2:00	30		25	1	55	1	5:00-6:00	26		35		61	

☒ **Check if Part 3, 4 and/or additional information is attached.**

Survey conducted by: Name: Ana Micano
Organization: Cal Poly SLO ITE
Address: 1 Grand Ave.
City/State/Zip: San Luis Obispo, CA 93405
Telephone #: (805) 206-5576 Fax #: N/A E-mail: amicano@calpoly.edu

Please return to: Institute of Transportation Engineers
Technical Projects Division
1099 14th Street, NW, Suite 300 West
Washington, DC 20005-3438 USA
Telephone: +1 202-289-0222
Fax: +1 202-289-7722
ITE on the Web: www.ite.org

Institute of Transportation Engineers

Trip Generation Data Form (Part 3)

Name/Organization: Cal Poly SLO ITE **City/State:** San Luis Obispo, CA

Telephone Number: (805) 206-5576

Detailed Driveway Volumes: Attach this sheet to Parts 1 and 2 if you are providing additional information.

Day of the week: Wednesday ***(All = All Vehicles Counted, Including Trucks; Trucks = Heavy Duty Trucks and Buses)***

A.M. Period	Enter		Exit		Total		P.M. Period	Enter		Exit		Total	
	All	Trucks	All	Trucks	All	Trucks		All	Trucks	All	Trucks	All	Trucks
12:00-12:15							12:00-12:15	6		2		8	
12:15-12:30							12:15-12:30	3		4		7	
12:30-12:45							12:30-12:45	11		4		15	
12:45-1:00							12:45-1:00	5		7		12	
1:00-1:15							1:00-1:15	4		15		19	
1:15-1:30							1:15-1:30	6		9		15	
1:30-1:45							1:30-1:45	11		10		21	
1:45-2:00							1:45-2:00	4		8		12	
2:00-2:15							2:00-2:15	6		10		16	
2:15-2:30							2:15-2:30	5		6		11	
2:30-2:45							2:30-2:45	4		6		10	
2:45-3:00							2:45-3:00	7		7		14	
3:00-3:15							3:00-3:15	6	1	4		10	1
3:15-3:30							3:15-3:30	15	2	7	2	22	4
3:30-3:45							3:30-3:45	8	1	7	1	15	2
3:45-4:00							3:45-4:00	5		8		13	
4:00-4:15							4:00-4:15	6		7		13	
4:15-4:30							4:15-4:30	11		8		19	
4:30-4:45							4:30-4:45	9		6		15	
4:45-5:00							4:45-5:00	5		6		11	
5:00-5:15							5:00-5:15	7	1	4		11	1
5:15-5:30							5:15-5:30	8		5		13	
5:30-5:45							5:30-5:45	7		8		15	
5:45-6:00							5:45-6:00	5	1	6		11	1
6:00-6:15							6:00-6:15	3		7		10	
6:15-6:30							6:15-6:30	4		2		6	
6:30-6:45							6:30-6:45	3		7		10	
6:45-7:00							6:45-7:00	5		2		7	
7:00-7:15					0		7:00-7:15						
7:15-7:30	4				4		7:15-7:30						
7:30-7:45	3		5		8		7:30-7:45						
7:45-8:00	1				1		7:45-8:00						
8:00-8:15	6				6		8:00-8:15						
8:15-8:30	3		1		4		8:15-8:30						
8:30-8:45	6		2		8		8:30-8:45						
8:45-9:00	3		6		9		8:45-9:00						
9:00-9:15	4		2		6		9:00-9:15						
9:15-9:30	9		4		13		9:15-9:30						
9:30-9:45	7		7		14		9:30-9:45						
9:45-10:00	3	1	3		6	1	9:45-10:00						
10:00-10:15	6		1		7		10:00-10:15						
10:15-10:30	6		3		9		10:15-10:30						
10:30-10:45	7				7		10:30-10:45						
10:45-11:00	6		8	1	14	1	10:45-11:00						
11:00-11:15	11		14		25		11:00-11:15						
11:15-11:30	2		4		6		11:15-11:30						
11:30-11:45	6		7		13		11:30-11:45						
11:45-12:00	6		6		12		11:45-12:00						

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Trip Generation Data Form (Part 4)

Summary of Bicycle Volumes

	Average Weekday (M-F)			*Saturday*			*Sunday*		
	Enter	*Exit*	*Total*	*Enter*	*Exit*	*Total*	*Enter*	*Exit*	*Total*
12-Hour Volume ~~X~~-Hour Volume 7 AM - 7 PM	97	79	176						
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time:									
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time:									
A.M. Peak Hour Generator[2] Time: 11 AM - 12 PM	14	14	28						
P.M. Peak Hour Generator[2] Time: 3 PM - 4 PM	15	7	22						
Peak Hour Generator[3] Time (Weekend):									

[1] Highest hourly volume between 7 a.m. and 9 a.m. (4 p.m. and 6 p.m.) as defined in Trip Generation Data Form (Part 2). Please specify the peak hour.
[2] Highest hourly volume during the a.m. or p.m. period. Please specify the peak hour.
[3] Highest hourly volume during the entire day. Please specify the peak hour. Please attach supplemental hourly volumes.
Please refer to the *Trip Generation User's Guide* for full definition of terms.

Summary of Pedestrian Volumes

	Average Weekday (M-F)			*Saturday*			*Sunday*		
	Enter	*Exit*	*Total*	*Enter*	*Exit*	*Total*	*Enter*	*Exit*	*Total*
12-Hour Volume ~~X~~-Hour Volume 7 AM - 7 PM	215	150	365						
A.M. Peak Hour of Adjacent, Street Traffic (7 – 9) Time:									
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time:									
A.M. Peak Hour Generator[2] Time: 9 AM - 10 AM	20	20	40						
P.M. Peak Hour Generator[2] Time: 1 PM - 2 PM	33	11	44						
Peak Hour Generator[3] Time (Weekend):									

Survey conducted by: Name: Ana Micano
Organization: Cal Poly SLO ITE
Address: 1 Grand Ave.
City/State/Zip: San Luis Obispo, CA 93405
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Please return to: Institute of Transportation Engineers
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Washington, DC 20005-3438 USA
Telephone: +1 202-289-0222
Fax: +1 202-289-7722
ITE on the Web: www.ite.org

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Trip Generation Data Form (Part 1)

Land Use/Building Type:[1] Public Park	ITE Land Use Code: 411
Source: ITE Trip Generation Manual 11th Edition	Source No. (*ITE use only*):
Name of Development: Santa Rosa Park	Day of the Week: Saturday
City: San Luis Obispo State/Province: CA Zip/Postal Code: 90029	Day: 11 Month: February Year: 2023
Country: USA	Metropolitan Area: San Luis Obispo-Paso Robles

1. For fast-food land use, please specify if hamburger- or nonhamburger-based.

Location Within Area:

- ☐ (1) CBD
- ☒ (2) Urban (Non-CBD)
- ☐ (3) Suburban (Non-CBD)
- ☐ (4) Suburban CBD
- ☐ (5) Rural
- ☐ (6) Freeway Interchange Area (Rural)
- ☐ (7) Not Given

Independent Variable: (include data for as many as possible)[2]	Actual	Estimated
_____ (1) Employees (#)	☐	☐
_____ (2) Persons (#)	☐	☐
_____ (3) Total Units (#) (indicate unit:_____)	☐	☐
_____ (4) Occupied Units (#) (indicate unit:_____)	☐	☐
_____ (5) Gross Floor Area (gross sq. ft.)	☐	☐
(% of development occupied _____)		
_____ (6) Net Rentable Area (sq. ft.)	☐	☐
_____ (7) Gross Leasable Area (sq. ft.)	☐	☐
(% of development occupied _____)		
9.98 (8) Total Acres (% developed: _____)	☐	☒
132 (9) Parking Spaces (% occupied: _____)	☒	☐
_____ (10) Beds (% occupied: _____)	☐	☐
_____ (11) Seats (#)	☐	☐
_____ (12) Servicing Positions/Vehicle Fueling Positions	☐	☐
_____ (13) Shopping Center % Out-parcels/pads	☐	☐
_____ (14) A.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
_____ (15) P.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
_____ (16) Other _____	☐	☐
_____ (17) Other _____	☐	☐

Detailed Description of Development:[3]

Public Park, located within an urban area, with ample amounts of amenities. Amenities include large grass fields, picnic areas, playground facilities, basketball courts, softball fields, a large skate park, roller sport field, and various paved walking paths throughout Santa Rosa Park.

2. Definitions for several independent variables can be found in the *Trip Generation,* Second Edition, *User's Guide* Glossary.

3. Please provide all pertinent information to describe the subject project, including the presence of bicycle/pedestrian facilities. To report bicycle/pedestrian volumes, please refer to Part 4 of this data form.

Other Data:

Vehicle Occupancy (#):
_____ A.M. _____ P.M. _____ 24-hour %

Percent by Transit:
_____ A.M. % _____ P.M. % _____ 24-hour %

Percent by Carpool/Vanpool:
_____ A.M. % _____ P.M. % _____ 24-hour %

Employees by Shift:

	Start Time	End Time	Employees (#)
First Shift:	_____	_____	_____
Second Shift:	_____	_____	_____
Third Shift:	_____	_____	_____

Parking Cost on Site: Hourly _____ Daily _____

Transportation Demand Management (TDM) Information:

At the time of this study, was there a TDM program (that may have impacted the trip generation characteristics of this site) underway?

☒ No

☐ Yes (If yes, please check appropriate box/boxes, describe the nature of the TDM program(s) and provide a source for any studies that may help quantify this impact. Attach additional sheets if necessary)

- ☐ (1) Transit Service
- ☐ (2) Carpool Programs
- ☐ (3) Vanpool Programs
- ☐ (4) Bicycle/Pedestrian Facilities and Site Improvements
- ☐ (5) Employer Support Measures
- ☐ (6) Preferential HOV Treatments
- ☐ (7) Transit and Ridesharing Incentives
- ☐ (8) Parking Supply and Pricing Management
- ☐ (9) Tolls and Congestion Pricing
- ☐ (10) Variable Work Hours/Compressed Work Weeks
- ☐ (11) Telecommuting
- ☐ (12) Other _____

Please Complete Form on Other Side

Institute of Transportation Engineers

Trip Generation Data Form (Part 2)

Summary of Driveway Volumes ***(All = All Vehicles Counted, Including Trucks; Trucks = Heavy Duty Trucks and Buses)***

	Average Weekday (M-F)						Saturday						Sunday					
	Enter		Exit		Total		Enter		Exit		Total		Enter		Exit		Total	
	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks	All	Trucks
12-Hour Volume							199	7	191	3	390	10						
X Hour Volume 7 AM - 7 PM																		
A.M. Peak Hour of Adjacent Street Traffic (7 – 9) Time:																		
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time:																		
A.M. Peak Hour Generator[2] Time:																		
P.M. Peak Hour Generator[2] Time:																		
Peak Hour Generator[3] Time (Weekend): 5 PM - 6 PM							22	0	28	0	50	0						

[1] **Highest hourly volume between 7 a.m. and 9 a.m. (4 p.m. and 6 p.m.). Please specify the peak hour.**
[2] **Highest hourly volume during the a.m. or p.m. period. Please specify the peak hour.**
[3] **Highest hourly volume during the entire day. Please specify the peak hour.**
Please refer to the *Trip Generation User's Guide* for full definition of terms.

Hourly Driveway Volumes- Average Weekday (M-F)

A.M. Period	Enter		Exit		Total		Mid-Day Period	Enter		Exit		Total		P.M. Period	Enter		Exit		Total	
	All	Trucks	All	Trucks	All	Trucks		All	Trucks	All	Trucks	All	Trucks		All	Trucks	All	Trucks	All	Trucks
6:00-7:00							11:00-12:00							3:00-4:00						
6:15-7:15							11:15-12:15							3:15-4:15						
6:30-7:30							11:30-12:30							3:30-4:30						
6:45-7:45							11:45-12:45							3:45-4:45						
7:00-8:00							12:00-1:00							4:00-5:00						
7:15-8:15							12:15-1:15							4:15-5:15						
7:30-8:30							12:30-1:30							4:30-5:30						
7:45-8:45							12:45-1:45							4:45-5:45						
8:00-9:00							1:00-2:00							5:00-6:00						

X **Check if Part 3, 4 and/or additional information is attached.**

Survey conducted by: Name: Ana Micano
Organization: Cal Poly SLO ITE
Address: 1 Grand Ave.
City/State/Zip: San Luis Obispo, CA 93405
Telephone #: (805) 206-5576 Fax #: N/A E-mail: amicano@calpoly.edu

Please return to: Institute of Transportation Engineers
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Institute of Transportation Engineers

Trip Generation Data Form (Part 3)

Name/Organization: Cal Poly SLO ITE ***City/State:*** San Luis Obispo, CA

Telephone Number: (805) 206-5576

Detailed Driveway Volumes: Attach this sheet to Parts 1 and 2 if you are providing additional information.

Day of the week: _____ ***(All = All Vehicles Counted, Including Trucks; Trucks = Heavy Duty Trucks and Buses)***

A.M. Period	*Enter*		*Exit*		*Total*		***P.M. Period***	*Enter*		*Exit*		*Total*	
	All	***Trucks***	***All***	***Trucks***	***All***	***Trucks***		***All***	***Trucks***	***All***	***Trucks***	***All***	***Trucks***
12:00-12:15							12:00-12:15	4		3		7	
12:15-12:30							12:15-12:30	6		6		12	
12:30-12:45							12:30-12:45	3		7		10	
12:45-1:00							12:45-1:00	7		9		16	
1:00-1:15							1:00-1:15	1		2		3	
1:15-1:30							1:15-1:30	2		2		4	
1:30-1:45							1:30-1:45	3		4		7	
1:45-2:00							1:45-2:00	5		3		8	
2:00-2:15							2:00-2:15	6		1		7	
2:15-2:30							2:15-2:30	6		4		10	
2:30-2:45							2:30-2:45	4		1		5	
2:45-3:00							2:45-3:00	6		2		8	
3:00-3:15							3:00-3:15	1		4		5	
3:15-3:30							3:15-3:30	5		3		8	
3:30-3:45							3:30-3:45	3		8		11	
3:45-4:00							3:45-4:00	5		1		6	
4:00-4:15							4:00-4:15	10		2		12	
4:15-4:30							4:15-4:30	2		5		7	
4:30-4:45							4:30-4:45	3		4		7	
4:45-5:00							4:45-5:00	3		3		6	
5:00-5:15							5:00-5:15	1				1	
5:15-5:30							5:15-5:30	6		2		8	
5:30-5:45							5:30-5:45	9		13		22	
5:45-6:00							5:45-6:00	6		3		9	
6:00-6:15							6:00-6:15	2		6		8	
6:15-6:30							6:15-6:30			3		3	
6:30-6:45							6:30-6:45	2		1		3	
6:45-7:00							6:45-7:00	6		5		11	
7:00-7:15	2		1		3		7:00-7:15						
7:15-7:30			2		2		7:15-7:30						
7:30-7:45	4		2		6		7:30-7:45						
7:45-8:00			2		2		7:45-8:00						
8:00-8:15	3	2			3	2	8:00-8:15						
8:15-8:30	2		3	2	5	2	8:15-8:30						
8:30-8:45	7	1	1		8	1	8:30-8:45						
8:45-9:00	12	3	1		13	3	8:45-9:00						
9:00-9:15	5		1		6		9:00-9:15						
9:15-9:30	4		5		9		9:15-9:30						
9:30-9:45	2		4		6		9:30-9:45						
9:45-10:00	3		12		15		9:45-10:00						
10:00-10:15	3		3		6		10:00-10:15						
10:15-10:30	6		10		16		10:15-10:30						
10:30-10:45	4		5		9		10:30-10:45						
10:45-11:00	3		3		6		10:45-11:00						
11:00-11:15	4		3		7		11:00-11:15						
11:15-11:30	5	1	4		9	1	11:15-11:30						
11:30-11:45	8		13		21		11:30-11:45						
11:45-12:00	5		9	1	14	1	11:45-12:00						

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Trip Generation Data Form (Part 4)

Summary of Bicycle Volumes

	Average Weekday (M-F)			*Saturday*			*Sunday*		
	Enter	*Exit*	*Total*	*Enter*	*Exit*	*Total*	*Enter*	*Exit*	*Total*
12-Hour Volume ~~X~~-Hour Volume 7 AM - 7 PM				26	28	54			
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time:									
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time:									
A.M. Peak Hour Generator[2] Time:									
P.M. Peak Hour Generator[2] Time:									
Peak Hour Generator[3] Time (Weekend): 8 AM - 9 AM				7	3	10			

[1] Highest hourly volume between 7 a.m. and 9 a.m. (4 p.m. and 6 p.m.) as defined in Trip Generation Data Form (Part 2). Please specify the peak hour.
[2] Highest hourly volume during the a.m. or p.m. period. Please specify the peak hour.
[3] Highest hourly volume during the entire day. Please specify the peak hour. Please attach supplemental hourly volumes.
Please refer to the *Trip Generation User's Guide* for full definition of terms.

Summary of Pedestrian Volumes

	Average Weekday (M-F)			*Saturday*			*Sunday*		
	Enter	*Exit*	*Total*	*Enter*	*Exit*	*Total*	*Enter*	*Exit*	*Total*
12-Hour Volume ~~X~~-Hour Volume 7 AM - 7 PM				125	72	197			
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time:									
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time:									
A.M. Peak Hour Generator[2] Time:									
P.M. Peak Hour Generator[2] Time:									
Peak Hour Generator[3] Time (Weekend): 2 PM - 3 PM				20	10	30			

Survey conducted by: Name: Ana Micano
Organization: Cal Poly SLO ITE
Address: 1 Grand Ave.
City/State/Zip: San Luis Obispo, CA 93405
Telephone #: (805) 206-5576 Fax #: N/A E-mail: amicano@calpoly.edu

Please return to: Institute of Transportation Engineers
Technical Projects Division
1099 14th Street, NW, Suite 300 West
Washington, DC 20005-3438 USA
Telephone: +1 202-289-0222
Fax: +1 202-289-7722
ITE on the Web: www.ite.org

Parking Demand Survey Form

Institute of Transportation Engineers

*(fill in all highlighted cells - * are required data)*

			Land Use Code*	411		
			Name of Site	Santa Rosa Park		
			Brief Description of Site			
Transit*	Yes		Public Park			
Area*	SUB		**City**	San Luis Obispo		
TMP*	No		**State**	CA	**Country**	USA
Parking Price*	$ -		Daily Rate	$	Hourly Rate	

Site Size*	**9.98**	**Units**	Acres	**Occupancy***		**Land Use**
Site Size		**Units**		**Occupancy**		
Site Size		**Units**		**Occupancy**		
Site Size		**Units**		**Occupancy**		

Number of Parking Spaces Provided at Site 132

Highest Observed Parking Demand for the following hours of the day *(hour beginning)**

Date	2/5/2023	2/8/0203	2/11/2023				
Day	Sunday	Wednesday	Saturday				
12 Mid							
1:00 AM							
2:00 AM							
3:00 AM							
4:00 AM							
5:00 AM							
6:00 AM							
7:00 AM	6	26	11				
8:00 AM	9	31	23				
9:00 AM	27	34	34				
10:00 AM	30	43	35				
11:00 AM	35	50	36				
12 Noon	40	43	19				
1:00 PM	40	52	9				
2:00 PM	29	43	19				
3:00 PM	26	33	18				
4:00 PM	25	38	22				
5:00 PM	30	38	23				
6:00 PM	31	36	17				
7:00 PM							
8:00 PM							
9:00 PM							
10:00 PM							
11:00 PM							

Person	Ana Micano	**Organization**	Cal Poly SLO ITE
Phone	(805) 206-5576		
Fax			
Email	amiciano@calpoly.edu		
Notes			

Enter data on the web at www.ite.org

Comments to: ite_staff@ite.org

IF not entered on web site, please mail to:

Institute of Transportation Engineers, 1627 Eye Street, NW Suite 600; Washington, DC 20006

Form version 1.4

* DON'T COUNT PASS-THROUGHS *

DO COUNT PEDS WALKING THRU

2023 Cal Poly ITE Data Collection Project - Trip Generation Tally

Site: Santa Rosa Park
Date: 2/05/2023
People:

Please tally up number of vehicles, bikes and pedestrians entering and exiting here. Fill out the ITE Trip Generation Data Form using by counting up the total number of tallies here.

	Time	Vehicles		Bikes		Pedestrians		Trucks		Notes
		Entering	Exiting	Entering	Exiting	Entering	Exiting	Entering	Exiting	
AM	7:00 - 7:15	2				1				
	7:15 - 7:30		1			1	1			
	7:30 - 7:45		1				1			
	7:45 - 8:00	1	1			1	1			
	8:00 - 8:15	2	2	1						
	8:15 - 8:30	3	2		1	2	2			
	8:30 - 8:45	2	2			4	3			skateboards and peds hoverboard again
	8:45 - 9:00	2				3	3			
	9:00 - 9:15	1	1	1	1	3	3			
	9:15 - 9:30	2	1			3	3			
	9:30 - 9:45	5	1	1	1	1				
	9:45 - 10:00	4	3			4	2			
	10:00 - 10:15	2	1	3	1	2	1			
	10:15 - 10:30	4	1			1	1			
	10:30 - 10:45	5	2			3	3			roller derby
	10:45 - 11:00	2	3			3	1			
	11:00 - 11:15	6	5			3				
	11:15 - 11:30	6	4			2	1			
	11:30 - 11:45	5	4			3	4			
	11:45 - 12:00	3	4	1		4	1			
PM	12:00 - 12:15					2	2			7am - 7pm
	12:15 - 12:30	4	3	1		2	3			Covers Bulk
	12:30 - 12:45	5	4	1		3	3			of Trip Generation
	12:45 - 1:00	4	2			3	3			
	1:00 - 1:15	5	4	2		4	5			
	1:15 - 1:30	5	3	1		4	4			
	1:30 - 1:45	3	3			3	3			
	1:45 - 2:00	4	5			5	3			
	2:00 - 2:15	2	3	1		3	3			
	2:15 - 2:30	6	7		1	4	4			
	2:30 - 2:45	5	8		1	4	4			
	2:45 - 3:00	6	5			4	4			
	3:00 - 3:15	7	5			5	5			
	3:15 - 3:30	5	6			4	5			
	3:30 - 3:45	5	5	1		3	4			
	3:45 - 4:00	6	4			4	4			
	4:00 - 4:15	5	6			4	5			
	4:15 - 4:30	6	7	1		4	4			
	4:30 - 4:45	7	7			4	4			
	4:45 - 5:00	6	6	1	1	5	5			
	5:00 - 5:15	6	6	1		5	5			
	5:15 - 5:30	6	6	2		4	4			
	5:30 - 5:45	5	6			4	4			
	5:45 - 6:00	5	5			4	4			
	6:00 - 6:15	5	5			4	4	1	1	
	6:15 - 6:30	5	6	1		4	4			
	6:30 - 6:45	4	5	1		4	4			
	6:45 - 7:00	4	5			4	4			Truck parked waiting to deliver gas

DON'T COUNT PASSTHROUGHS
Vehicles

2023 Cal Poly ITE Data Collection Project - Trip Generation Tally

Site: Santa Rosa Park
Date: 2/8/2023
People:

Please tally up number of vehicles, bikes and pedestrians entering and exiting here. Fill out the ITE Trip Generation Data Form using by counting up the total number of tallies here.

	Time	Vehicles		Bikes		Pedestrians		Trucks		Notes
		Entering	Exiting	Entering	Exiting	Entering	Exiting	Entering	Exiting	
AM	7:00 - 7:15									People parked and left park on foot/ motor bikes
	7:15 - 7:30									
	7:30 - 7:45									
	7:45 - 8:00									
	8:00 - 8:15									
	8:15 - 8:30									
	8:30 - 8:45									
	8:45 - 9:00									backhoe
	9:00 - 9:15									
	9:15 - 9:30									
	9:30 - 9:45									- 1 ent/exit bike is a scooter - 1 ent/exit bike = scooter - 1 ped each = skateboard
	9:45 - 10:00									
	10:00 - 10:15									
	10:15 - 10:30									
	10:30 - 10:45									
	10:45 - 11:00									
	11:00 - 11:15									
	11:15 - 11:30									kids are picked up / dropped off by parents
	11:30 - 11:45									
	11:45 - 12:00									
PM	12:00 - 12:15									
	12:15 - 12:30									
	12:30 - 12:45									
	12:45 - 1:00									
	1:00 - 1:15									
	1:15 - 1:30									
	1:30 - 1:45									
	1:45 - 2:00									
	2:00 - 2:15									
	2:15 - 2:30									
	2:30 - 2:45									
	2:45 - 3:00									
	3:00 - 3:15									
	3:15 - 3:30									
	3:30 - 3:45									
	3:45 - 4:00									
	4:00 - 4:15									
	4:15 - 4:30									
	4:30 - 4:45									
	4:45 - 5:00									
	5:00 - 5:15									
	5:15 - 5:30									
	5:30 - 5:45									
	5:45 - 6:00									
	6:00 - 6:15									
	6:15 - 6:30									
	6:30 - 6:45									
	6:45 - 7:00									

Moped
one wheel (ped) 2
Night van 2
walked to park
Vehicles turned out
3:15 bus drop off - kids walked home
Truck pulls in to wait

DON'T COUNT PASSTHROUGHS

2023 Cal Poly ITE Data Collection Project - Trip Generation Tally

Site: Santa Rosa Park
Date: 2/11/2023
People:

Please tally up number of vehicles, bikes and pedestrians entering and exiting here. Fill out the ITE Trip Generation Data Form using by counting up the total number of tallies here.

	Time	Vehicles		Bikes		Pedestrians		Trucks		Notes
		Entering	Exiting	Entering	Exiting	Entering	Exiting	Entering	Exiting	
AM	7:00 - 7:15	2	1			3	1			
	7:15 - 7:30		2			3	3			
	7:30 - 7:45	4	2			1				
	7:45 - 8:00		2			2	2			
	8:00 - 8:15	1		1		1		2		
	8:15 - 8:30	2	1	2		3	1		2	
	8:30 - 8:45	3	1	2		3	1	1		
	8:45 - 9:00	3	1	2		3		3		
	9:00 - 9:15	4	1	1	1	2	3			Soccer practice, lots of people coming, hard to count
	9:15 - 9:30	3	3			1	1			Started raining @ 9:50
	9:30 - 9:45	2	2		3	1	2			
	9:45 - 10:00	1	5					1		* LOTS OF CARS JUST DROPPING FAMILY
	10:00 - 10:15	2	3			3				
	10:15 - 10:30	5	5			4	2			
	10:30 - 10:45	4	3							
	10:45 - 11:00	3	3							
	11:00 - 11:15	4	3	2	1	3				
	11:15 - 11:30	4	4			1		1	1	
	11:30 - 11:45	5	6			1			1	
	11:45 - 12:00	5	6			2			1	
PM	12:00 - 12:15	5	5			2	2			
	12:15 - 12:30	5	5			3	3			
	12:30 - 12:45	4	5	1		4	3			
	12:45 - 1:00	5	7		1	4	4			
	1:00 - 1:15	1	4		1	2	3			
	1:15 - 1:30	2	4	1		2	3			
	1:30 - 1:45	3	4			2	3			
	1:45 - 2:00	4	3			4	4			
	2:00 - 2:15	4	2			4	4			
	2:15 - 2:30	3	3	1	1	3				
	2:30 - 2:45	4	2	1		3	1			
	2:45 - 3:00	3	2		1	3	3			
	3:00 - 3:15	1	3			4	3			
	3:15 - 3:30	3	3	1	1	4	3			
	3:30 - 3:45	3	4	1		4	3			
	3:45 - 4:00	3	2		1	3	3			
	4:00 - 4:15	4	2			3	3			
	4:15 - 4:30	2	3			3	2			
	4:30 - 4:45	3	3	2						
	4:45 - 5:00	3	3			2	1			
	5:00 - 5:15	1	1	1	1	2				
	5:15 - 5:30	5	5	1		3	2			
	5:30 - 5:45	4	5	2		3	1			
	5:45 - 6:00	3	4	1	1	2	1			
	6:00 - 6:15	1	2	1						
	6:15 - 6:30	1	2	1						
	6:30 - 6:45	3	3							
	6:45 - 7:00	3	4							Pickup / Drop off shake @ 5

Me Started showing, (5) 1:00

2023 Cal Poly ITE Data Collection Project - Parking Demand Tally

Site: Santa Rosa Park
Date: 2/05/2023
People:

Please tally up number of vehicles, bikes and pedestrians entering and exiting here. Fill out the ITE Trip Generation Data Form using by counting up the total number of tallies here.

	Time	Parking Demand	Notes
AM	7:00 - 7:15	6	
	7:15 - 7:30	6	
	7:30 - 7:45	5	
	7:45 - 8:00	4	
	8:00 - 8:15	4	
	8:15 - 8:30	7	
	8:30 - 8:45	8	
	8:45 - 9:00	8	
	9:00 - 9:15	12	
	9:15 - 9:30	10	
	9:30 - 9:45	25	
	9:45 - 10:00	27	
	10:00 - 10:15	30	
	10:15 - 10:30	30	
	10:30 - 10:45	30	
	10:45 - 11:00	23	
	11:00 - 11:15	25	
	11:15 - 11:30	30	
	11:30 - 11:45	33	
	11:45 - 12:00	35	
PM	12:00 - 12:15	30	
	12:15 - 12:30	31	
	12:30 - 12:45	32	
	12:45 - 1:00	40	
	1:00 - 1:15	38	
	1:15 - 1:30	40	
	1:30 - 1:45	35	
	1:45 - 2:00	34	
	2:00 - 2:15	28	
	2:15 - 2:30	29	
	2:30 - 2:45	21	
	2:45 - 3:00	28	
	3:00 - 3:15	25	
	3:15 - 3:30	23	
	3:30 - 3:45	23	
	3:45 - 4:00	23	
	4:00 - 4:15	24	
	4:15 - 4:30	19	
	4:30 - 4:45	24	
	4:45 - 5:00	25	
	5:00 - 5:15	25	
	5:15 - 5:30	26	
	5:30 - 5:45	26	
	5:45 - 6:00	30	
	6:00 - 6:15	31	
	6:15 - 6:30	27	
	6:30 - 6:45	24	
	6:45 - 7:00	20	

* COUNT RV AS TWO SPOTS *
* use tally marks or #
↳ Oversize Vehicles / Trailers

2023 Cal Poly ITE Data Collection Project - Parking Demand Tally

Site: Santa Rosa Park
Date: 2/8/2023
People:

Please tally up number of vehicles, bikes and pedestrians entering and exiting here. Fill out the ITE Trip Generation Data Form using by counting up the total number of tallies here.

COUNT RV / LARGE VEH / TRAILERS AS 2

	Time	Parking Demand	Notes
AM	7:00 - 7:15	20	
	7:15 - 7:30	24	
	7:30 - 7:45	26	
	7:45 - 8:00	24	
	8:00 - 8:15	25	
	8:15 - 8:30	28	
	8:30 - 8:45	31	
	8:45 - 9:00	27	
	9:00 - 9:15	31	
	9:15 - 9:30	30	
	9:30 - 9:45	33	
	9:45 - 10:00	33	
	10:00 - 10:15	34	
	10:15 - 10:30	35	
	10:30 - 10:45	43	
	10:45 - 11:00	42	
	11:00 - 11:15	50	
	11:15 - 11:30	43	
	11:30 - 11:45	41	
	11:45 - 12:00	32	
PM	12:00 - 12:15	41	
	12:15 - 12:30	42	
	12:30 - 12:45	45	
	12:45 - 1:00	52	
	1:00 - 1:15	50	
	1:15 - 1:30	43	
	1:30 - 1:45	43	
	1:45 - 2:00	34	
	2:00 - 2:15	31	
	2:15 - 2:30	33	
	2:30 - 2:45	29	
	2:45 - 3:00	28	
	3:00 - 3:15	31	
	3:15 - 3:30	28	
	3:30 - 3:45	38	
	3:45 - 4:00	38	
	4:00 - 4:15	37	
	4:15 - 4:30	36	
	4:30 - 4:45	39	
	4:45 - 5:00	34	16 acc. by la. pe truck
	5:00 - 5:15	37	16,,,,
	5:15 - 5:30	36	16,,,,
	5:30 - 5:45	34	
	5:45 - 6:00	32	
	6:00 - 6:15	26	
	6:15 - 6:30	29	
	6:30 - 6:45	24	
	6:45 - 7:00	20	

9 in side

* potential parking #s are college students // from neighboring businesses

2023 Cal Poly ITE Data Collection Project - Parking Demand Tally

Site: Santa Rosa Park
Date: 2/11/2023
People:

Please tally up number of vehicles, bikes and pedestrians entering and exiting here. Fill out the ITE Trip Generation Data Form using by counting up the total number of tallies here.

	Time	Parking Demand	Notes
AM	7:00 - 7:15	10	
	7:15 - 7:30	9	
	7:30 - 7:45	11	
	7:45 - 8:00	9	
	8:00 - 8:15	9	
	8:15 - 8:30	8	
	8:30 - 8:45	11	
	8:45 - 9:00	23	
	9:00 - 9:15	25	
	9:15 - 9:30	30	
	9:30 - 9:45	34	
	9:45 - 10:00	32	
	10:00 - 10:15	26	← parked bus / a few
	10:15 - 10:30	26	* lots of cars coming through parking lot
	10:30 - 10:45	27	
	10:45 - 11:00	35	
	11:00 - 11:15	31	
	11:15 - 11:30	36	
	11:30 - 11:45	28	← bus left
	11:45 - 12:00	16	started raining :(
PM	12:00 - 12:15	19	
	12:15 - 12:30	19	
	12:30 - 12:45	12	
	12:45 - 1:00	13	
	1:00 - 1:15	0	rain! :(
	1:15 - 1:30	4	
	1:30 - 1:45	9	
	1:45 - 2:00	9	
	2:00 - 2:15	16	
	2:15 - 2:30	13	
	2:30 - 2:45	17	
	2:45 - 3:00	19	
	3:00 - 3:15	16	
	3:15 - 3:30	17	
	3:30 - 3:45	13	
	3:45 - 4:00	18	
	4:00 - 4:15	22	
	4:15 - 4:30	19	
	4:30 - 4:45	16	
	4:45 - 5:00	17	
	5:00 - 5:15	19	
	5:15 - 5:30	23	
	5:30 - 5:45	20	
	5:45 - 6:00	22	
	6:00 - 6:15	16	
	6:15 - 6:30	15	
	6:30 - 6:45	16	
	6:45 - 7:00	17	

COUNT RVs / TRAILERS / LARGE VEH AS 2