ITE Data Collection Project

Trip Generation & Parking Demand

850 - Co-op Grocery Store

Prepared for:

ITE Western District

Prepared by:

Oregon State ITE Student Chapter

Kearney Hall, 1491 SW Campus Way | Corvallis, OR 97331

May 9, 2024

Letter of Submittal

May 9, 2024

Jeanne Acutanza
Technical Committee Chair
Western District ITE

SUBJECT: Letter of Submittal for ITE@OSU Student Chapter Data Collection Report

Dear Jeanne,

On behalf of the ITE@OSU Student Chapter, we are pleased to present our Trip Generation & Parking Demand Study. We collected and analyzed trips generated by a local co-op grocery store (land use 850) in Corvallis, OR on five separate days (Saturday, Sunday, Tuesday, Wednesday, and Thursday).

Attached is a summary of our data and results from this study. All trip generation & parking demand data forms are included in the appendix.

If you have any questions or concerns, please feel free to contact us at krausema@oregonstate.edu or kobaykei@oregonstate.edu.

Thank you,
Maximilian Krause & Keith Kobayashi
Co-Community Service Chairs | ITE@OSU

Table of Contents

1. Purpose

The purpose of this project was to collect trip generation and parking data for the land use of a co-op grocery store (land use 850). It provided both undergraduate and graduate students with technical experience in the transportation field.

1.1. Background

The site of this data collection project, a local Co-op Grocery Store (land use 850), is located in northwest Corvallis, Oregon as depicted in Figure 1. The operating hours of the store are 7:00 AM - 9:00 PM Monday through Sunday. This site was selected to see how the trip generation of a co-op differs from a regular supermarket. Co-ops are an alternative to conventional grocery stores, typically with a narrower selection of healthier foods at higher prices.

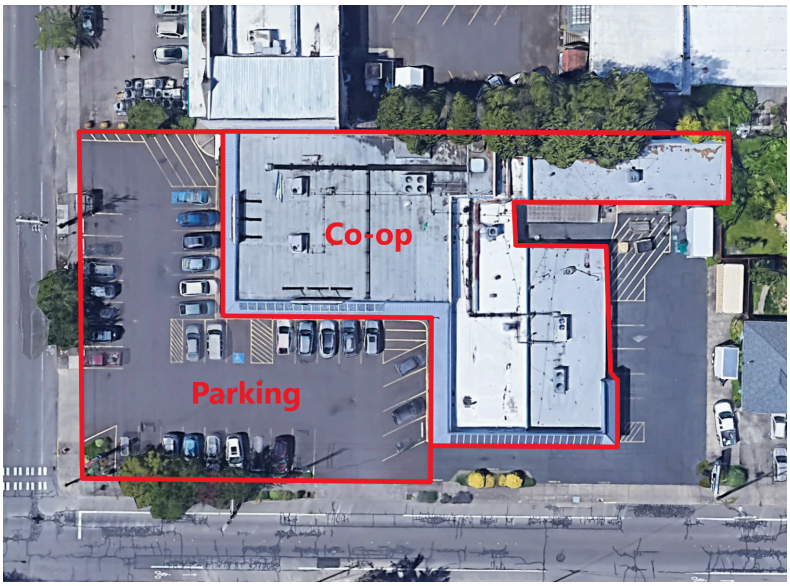


Figure 1 - Satellite View of the Co-op

Table 1: Land Use Information for Study Site

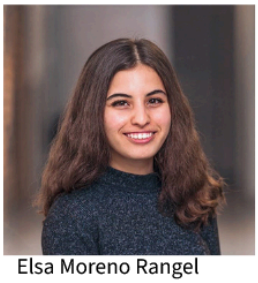
Site Name	Location	Access Points	Site Size (sq.ft)	Facility Types	Parking Spaces
Co-op Grocery Store	Corvallis, OR	3 Automotive	13,380	Grocery Store	32 +2 ADA

2. Project Team

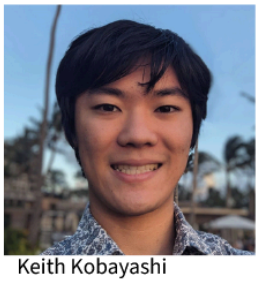
The students responsible for project management were Maximilian Krause and Keith Kobayashi, Co-Community Service Chairs (2024-25) for the Oregon State University ITE Student Chapter. They handled planning, outreach, and logistics. The project was handed over to them by the previous Community Service Chair, Elsa Moreno Rangel, (2023-24) in March 2024. This project was also possible thanks to the support and guidance from our professional mentor, Derek Moore, and our faculty advisor, Dr. David Hurwitz.

2.1 Student Team

The data collection team consisted of 16 student volunteers who contributed a total of 120 hours of data collection.


Elsa Moreno Rangel

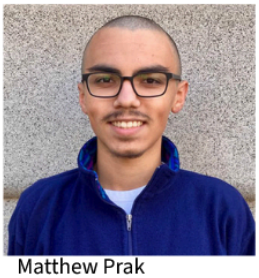

Max Krause


Keith Kobayashi

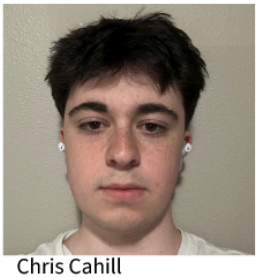

Alexa Baruela


Emily MacPherson

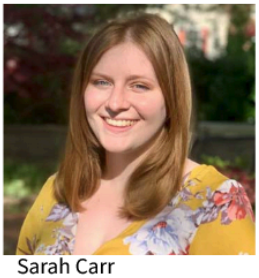

Emilio Calderon

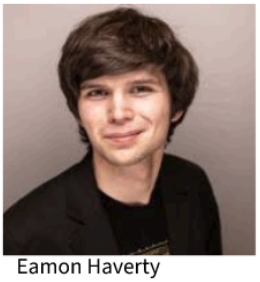

Matthew Prak

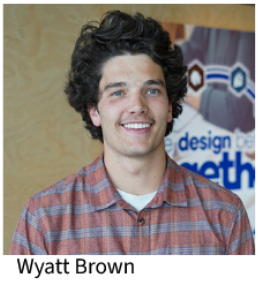

Charlie Tuckfield


Chris Cahill


Erica Bieber


Sarah Carr


Eamon Haverty


Wyatt Brown


Aiden Gray


Svea Berglund


Du Xinyang

2.2 Mentors

Derek Moore
Derek Moore is a Traffic Signal and Illumination Design Engineer with the Oregon Department of Transportation (ODOT). He served as the team's professional mentor and provided us with technical guidance for the data collection procedures and overall project success.

David Hurwitz
David Hurwitz is the ITE@OSU Faculty Advisor, Chair of the ITE Education Council, and an executive Committee Member of ITE. He provides us with guidance for data collection, as well as helped in recruiting and requesting volunteers.

3. Project Timeline

Table 2: Project Schedule

Task	April 23- 25	April 26 – Apr 29	April 29	April 29 - May 6	May 6-10	May 13	May 27	May 27 - 31	May 31	June 1
Data Collection										
Synthesis, Analysis & Writing										
Submit Draft to Mentors			◊							
Draft Report Mentor QA/QC										
Address QA/QC Comments										
Submit Draft Report						◊				
Receive Review Comments							◊			
Address Review Comments										
Submit Final Report									◊	
Upload data to ITE										◊

4. Methodology

Trip generation data for both the weekend and weekdays was collected. Data was collected from 7:00 AM - 7:00 PM on Saturday and Sunday to represent weekend demand and on Tuesday, Wednesday, and Thursday to represent weekday demand.

Student volunteers worked in pairs for 3 hour shifts counting the number of cars, bikes, pedestrians, and heavy vehicles entering and exiting the parking lot. Every 15 minutes, the number of cars and bikes parked in the main lot was recorded. Video equipment was not used due to privacy concerns.

5. Results

5.1. Trip Generation Results

The trip generation data for Saturday, Sunday, Tuesday, Wednesday and Thursday are summarized as shown in Table 3, 4, 5, 6 and 7 respectively. The tables include the trip totals for the passenger vehicles, the directional distribution, and trip rate for the 12-hour, AM peak, and PM peak periods.

Table 3: Trip Generation Summary for Saturday 4/20 (Weekend)

Data Collection Summary (4/20/24)			
Time Period	**12-hr Volume**	**AM Peak Hour**	**PM Peak Hour**
Peak Hour	-	10:45 - 11:45	4:30 - 5:30
Vehicles In	876	92	98
Vehicles Out	743	86	83
Total Vehicles	1,619	178	181
Directional Distribution	In: 54.1% Out: 45.9%	In: 51.7% Out: 48.3%	In: 54.1% Out: 45.9%
Trip Rate (Trips/ 1000 sq.ft)	121.00	13.30	13.53

Table 4: Trip Generation Summary for Sunday 4/21 (Weekend)

Data Collection Summary (4/21/24)			
Time Period	**12-hr Volume**	**AM Peak Hour**	**PM Peak Hour**
Peak Hour	-	9:30 - 10:30	4:30 - 5:30
Vehicles In	858	94	106
Vehicles Out	785	71	97
Total Vehicles	1,643	165	203
Directional Distribution	In: 52.2% Out: 47.8%	In: 57.0% Out: 43.0%	In: 52.2% Out: 47.8%
Trip Rate (Trips/ 1000 sq.ft)	122.80	12.33	15.17

Table 5: Trip Generation Summary for Tuesday 4/23 (Weekday)

Data Collection Summary (4/23/24)			
Time Period	**12-hr Volume**	**AM Peak Hour**	**PM Peak Hour**
Peak Hour	-	10:45 - 11:45	3:15 - 4:15
Vehicles In	762	87	97
Vehicles Out	728	82	91
Total Vehicles	1,490	169	188
Directional Distribution	In: 51.1% Out: 48.9%	In: 51.5% Out: 45.5%	In: 51.6% Out: 48.4%
Trip Rate (Trips/ 1000 sq.ft)	111.36	12.63	14.05

Table 6: Trip Generation Summary for Wednesday 4/24 (Weekday)

Data Collection Summary (4/24/24)			
Time Period	**12-hr Volume**	**AM Peak Hour**	**PM Peak Hour**
Peak Hour	-	10:45 - 11:45	4:45 - 5:45
Vehicles In	829	67	84
Vehicles Out	804	67	84
Total Vehicles	1,633	134	168
Directional Distribution	In: 50.8% Out: 49.2%	In: 50.0% Out: 50.0%	In: 50.0% Out: 50.0%
Trip Rate (Trips/ 1000 sq.ft)	122.05	10.01	12.56

Table 7: Trip Generation Summary for Thursday 4/25 (Weekday)

Data Collection Summary (4/25/24)			
Time Period	**12-hr Volume**	**AM Peak Hour**	**PM Peak Hour**
Peak Hour	-	8:00 - 9:00	3:00 - 4:00
Vehicles In	837	58	109
Vehicles Out	805	58	101
Total Vehicles	1,642	116	210
Directional Distribution	In: 51.0% Out: 49.0%	In: 50.0% Out: 50.0%	In: 51.9% Out: 48.1%
Trip Rate (Trips/ 1000 sq.ft)	122.72	8.67	15.70

Table 6 summarizes the parking generation data. The peak parking hours and highest parking demand for each day are shown.

Table 8: Parking Generation Data Summary

Day	Saturday	Sunday	Tuesday	Wednesday	Thursday
Peak Hour	17:00 - 18:00	13:00 - 14:00	15:00 - 16:00	13:00 - 14:00	13:00 - 14:00
Peak Parking Demand	33	32	29	26	31
Parking Rate (Parking Demand/1000 sq.ft)	2.47	2.39	2.17	1.94	2.32

5.2. ITE Trip Generation Comparison

Table 9 compares the average trip rates from the 11th Edition ITE Trip Generation Manual and the trip rates measured at the Co-op Grocery Store. The results show that the trip rates measured at the Co-op are consistently higher than those given for the grocery story land use in the 11th Edition ITE Trip Generation Manual. It should be noted that the Co-op had an Earth Day sale on the Saturday and Sunday, so trip rates measured on those days may be higher than average. Weather may have played a role as conditions varied throughout the collection period. There was a high of 74 Fahrenheit on Tuesday April 23rd and a low of 51 Fahrenheit on Thursday April 25th. Additionally, scattered showers were observed throughout the week of data collection.

Table 9: Comparison Between Trip Rates on 11th Edition ITE Trip Generation Manual and Co-op Grocery Store Data

Time Period	11th Edition ITE Average Trip Rate (Trips/1000 sq.ft)	Trip Rate Generated by Co-op (Trips/1000 sq.ft)
Weekday	93.84	118.71
Weekday AM (7-9)	2.86	7.82
Weekday AM Peak	6.78	10.31
Weekday PM (4-6)	8.95	13.18
Weekday PM Peak	9.19	14.10
Saturday	112.76	121.00
Saturday Peak Hour	10.10	13.53
Sunday	102.42	122.80
Sunday Peak Hour	8.88	15.17

5.3. ITE Parking Generation Comparison

The ITE Parking Generation Manual consists of daily peak (24-hour) parking demand rates only. However, data was only collected at the Co-op from 7:00 AM to 7:00 PM. Table 8 shows the comparison between parking rates from the 3rd Edition ITE Parking Generation Manual and the Co-op. Measured parking rates at the Co-op are around half of those in ITE Parking Generation Manual. This is in part due to the size of the main lot, which during peak hours was often near or at capacity.

Table 10: Comparison Between Parking Rates on 3rd Edition ITE Parking Generation Manual and the Co-op Grocery Store Data

Time Period	3rd Edition Daily Parking Rate (Parking Demand/1000 sq.ft)	Parking Rate at Co-op (Parking Demand/1000 sq.ft)
Weekday	4.36	2.14
Saturday	4.75	2.47

6. Conclusion

This technical report describes data collected to support the development of trip generation and parking generation rates for the novel land use of a Co-op Grocery Store. The site chosen for assessment was the 13,380 sq.ft. local Co-op Grocery Store in Corvallis, Oregon. Measured rates were compared against the pre-existing land use rates in the 11th Edition of the ITE Trip Generation Manual and 3rd Edition ITE Parking Generation Manual (850).

7. Acknowledgements

The OSU ITE Student Chapter would like to thank both of our mentors, Derek Moore, and Dr. David Hurwitz. We would also like to thank ITE Western District for granting us an extension on the report. Thank you!

8. Appendices

Appendix A: Trip Generation Data

Saturday (4/20/24) Trip Data
Sunday (4/21/24) Trip Data
Tuesday (4/23/24) Trip Data
Wednesday (4/24/24) Trip Data
Thursday (4/24/24) Trip Data

Appendix B: Parking Generation Data

Saturday (4/20/24) Parking Data
Sunday (4/21/24) Parking Data
Tuesday (4/23/24) Parking Data
Wednesday (4/24/24) Parking Data
Thursday (4/24/24) Parking Data

Appendix C: Field Data Sheets

Saturday (4/20/24) Field Data
Sunday (4/21/24) Field Data
Tuesday (4/23/24) Field Data
Wednesday (4/24/24) Field Data
Thursday (4/24/24) Field Data

Appendix A

Trip Generation Data

Saturday

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Trip Generation Data Form (Part 1)

Land Use/Building Type:[1] **Co-op Grocery Store**			ITE Land Use Code: **850**
Source:			Source No. (*ITE use only*):
Name of Development:			Day of the Week: **Saturday**
City: **Corvallis**	State/Province: **Oregon**	Zip/Postal Code: **97330**	Day: **20** Month: **04** Year: **24**
Country: **USA**			Metropolitan Area:

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

Detailed Description of Development:[3]

Independent Variable: (include data for as many as possible) [2]	Actual	Estimated		Actual	Estimated
_____ (1) Employees (#)	☐	☐	**34** (9) Parking Spaces (% occupied: _____)	☑	☐
_____ (2) Persons (#)	☐	☐	_____ (10) Beds (% occupied: _____)	☐	☐
_____ (3) Total Units (#) (indicate unit:_____)	☐	☐	_____ (11) Seats (#)	☐	☐
_____ (4) Occupied Units (#) (indicate unit:_____)	☐	☐	_____ (12) Servicing Positions/Vehicle Fueling Positions	☐	☐
13,380 (5) Gross Floor Area (gross sq. ft.)	☐	☑			
(% of development occupied _____)			_____ (13) Shopping Center % Out-parcels/pads	☐	☐
_____ (6) Net Rentable Area (sq. ft.)	☐	☐	_____ (14) A.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
_____ (7) Gross Leasable Area (sq. ft.)	☐	☐	_____ (15) P.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
(% of development occupied _____)			_____ (16) Other _____	☐	☐
_____ (8) Total Acres (% developed: _____)	☐	☐	_____ (17) Other _____	☐	☐

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 **0** Daily **0**

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
24-Hour Volume																		
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*:																		
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): 4:30 - 5:30							98		83		181							

[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	80		83		163		3:00-4:00	89		60		149	
6:15-7:15							11:15-12:15	89		75		164		3:15-4:15	89		69		158	
6:30-7:30							11:30-12:30	86		80		166		3:30-4:30	87		70		157	
6:45-7:45							11:45-12:45	87		83		170		3:45-4:45	87		71		158	
7:00-8:00	28		20		48		12:00-1:00	82		71		153		4:00-5:00	101		74		175	
7:15-8:15	28		22		50		12:15-1:15	77		70		147		4:15-5:15	99		79		178	
7:30-8:30	38		31		69		12:30-1:30	77		72		149		4:30-5:30	98		83		181	
7:45-8:45	45		37		82		12:45-1:45	84		59		143		4:45-5:45	85		81		166	
8:00-9:00	45		44		89		1:00-2:00	97		73		170		5:00-6:00	66		75		141	

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

Survey conducted by: Name: Elsa, Max, Keith, Emily, Alexa, Emilio, Matt, Charlie
Organization: OSU ITE Student Chapter
Address:
City/State/Zip: Corvallis, OR 97330
Telephone #: Fax #: E-mail:

Please return to: Institute of Transportation Engineers
Technical Projects Division
1627 I ST NW, STE 550
Washington, DC, 20006, USA
Telephone: +1 202-289-0222

ITE on the Web: www.ite.org

Institute of Transportation Engineers

Trip Generation Data Form (Part 3)

Name/Organization: OSU ITE Student Chapter **City/State:** Corvallis, OR

Telephone Number: _____

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

Day of the week: Saturday ***(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	25	0	12	0	37	0
12:15-12:30							12:15-12:30	27	0	23	0	50	0
12:30-12:45							12:30-12:45	19	0	27	0	46	0
12:45-1:00							12:45-1:00	11	0	9	0	20	0
1:00-1:15							1:00-1:15	20	0	11	0	31	0
1:15-1:30							1:15-1:30	27	0	25	0	52	0
1:30-1:45							1:30-1:45	26	0	14	0	40	0
1:45-2:00							1:45-2:00	24	0	23	0	47	0
2:00-2:15							2:00-2:15	18	0	22	0	40	0
2:15-2:30							2:15-2:30	14	0	15	0	29	0
2:30-2:45							2:30-2:45	16	0	19	0	35	0
2:45-3:00							2:45-3:00	20	0	12	0	32	0
3:00-3:15							3:00-3:15	24	0	12	0	36	0
3:15-3:30							3:15-3:30	24	0	17	0	41	0
3:30-3:45							3:30-3:45	24	0	17	0	41	0
3:45-4:00							3:45-4:00	17	0	14	0	31	0
4:00-4:15							4:00-4:15	24	0	21	0	45	0
4:15-4:30							4:15-4:30	22	0	18	0	40	0
4:30-4:45							4:30-4:45	24	0	18	0	42	0
4:45-5:00							4:45-5:00	31	0	17	0	48	0
5:00-5:15							5:00-5:15	22	0	26	0	48	0
5:15-5:30							5:15-5:30	21	0	22	0	43	0
5:30-5:45							5:30-5:45	11	0	16	0	27	0
5:45-6:00							5:45-6:00	12	0	11	0	23	0
6:00-6:15							6:00-6:15	22	0	20	0	42	0
6:15-6:30							6:15-6:30	16	0	9	0	25	0
6:30-6:45							6:30-6:45	9	0	13	0	22	0
6:45-7:00							6:45-7:00	16	0	10	0	26	0
7:00-7:15	9	0	6	0	15	0	7:00-7:15						
7:15-7:30	4	0	3	0	7	0	7:15-7:30						
7:30-7:45	6	0	7	0	13	0	7:30-7:45						
7:45-8:00	9	0	4	0	13	0	7:45-8:00						
8:00-8:15	9	0	8	0	17	0	8:00-8:15						
8:15-8:30	14	0	12	0	26	0	8:15-8:30						
8:30-8:45	13	0	13	0	26	0	8:30-8:45						
8:45-9:00	9	0	11	0	20	0	8:45-9:00						
9:00-9:15	11	0	10	0	21	0	9:00-9:15						
9:15-9:30	15	0	6	0	21	0	9:15-9:30						
9:30-9:45	28	0	21	0	49	0	9:30-9:45						
9:45-10:00	14	0	17	0	31	0	9:45-10:00						
10:00-10:15	14	0	10	0	24	0	10:00-10:15						
10:15-10:30	27	0	14	0	41	0	10:15-10:30						
10:30-10:45	20	0	21	0	41	0	10:30-10:45						
10:45-11:00	28	0	24	0	52	0	10:45-11:00						
11:00-11:15	16	0	20	0	36	0	11:00-11:15						
11:15-11:30	30	0	18	0	48	0	11:15-11:30						
11:30-11:45	18	0	24	0	42	0	11:30-11:45						
11:45-12:00	16	0	21	0	37	0	11:45-12:00						

Institute of Transportation Engineers

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*
24-Hour Volume									
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*:									
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): 10:30 - 11:30				8	7	15			

[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*
24-Hour Volume									
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*:									
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): 4:15 - 5:15				12	14	26			

Survey conducted by: Name: Elsa, Max, Keith, Emily, Alexa, Emilio, Matt, Charlie
Organization: OSU ITE Student Chapter
Address:
City/State/Zip: Corvallis, OR 97330
Telephone #: Fax #: E-mail:

Please return to: Institute of Transportation Engineers
Technical Projects Division
1627 I ST NW, STE 550
Washington, DC, 20006, USA
Telephone: +1 202-289-0222

ITE on the Web: www.ite.org

Trip Generation Data

Sunday

Institute of Transportation Engineers

Trip Generation Data Form (Part 1)

Land Use/Building Type:[1] **Co-op Grocery Store**			ITE Land Use Code: **850**
Source:			Source No. (*ITE use only*):
Name of Development:			Day of the Week: **Sunday**
City: **Corvallis**	State/Province: **Oregon**	Zip/Postal Code: **97330**	Day: **21** Month: **04** Year: **24**
Country: **USA**			Metropolitan Area:

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

Detailed Description of Development:[3]

Independent Variable: (include data for as many as possible)[2]	Actual	Estimated		Actual	Estimated
_____ (1) Employees (#)	☐	☐	**34** (9) Parking Spaces (% occupied: _____)	☑	☐
_____ (2) Persons (#)	☐	☐	_____ (10) Beds (% occupied: _____)	☐	☐
_____ (3) Total Units (#) (indicate unit:_____)	☐	☐	_____ (11) Seats (#)	☐	☐
_____ (4) Occupied Units (#) (indicate unit:_____)	☐	☐	_____ (12) Servicing Positions/Vehicle Fueling Positions	☐	☐
13,380 (5) Gross Floor Area (gross sq. ft.)	☐	☑			
(% of development occupied _____)			_____ (13) Shopping Center % Out-parcels/pads	☐	☐
_____ (6) Net Rentable Area (sq. ft.)	☐	☐	_____ (14) A.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
_____ (7) Gross Leasable Area (sq. ft.)	☐	☐	_____ (15) P.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
(% of development occupied _____)			_____ (16) Other _____	☐	☐
_____ (8) Total Acres (% developed: _____)	☐	☐	_____ (17) Other _____	☐	☐

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 **0** Daily **0**

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
24-Hour Volume																		
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*:																		
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): 4:30 - 5:30													106		97		203	

[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	74		76		150		3:00-4:00	83		71		154	
6:15-7:15							11:15-12:15	71		73		144		3:15-4:15	93		77		170	
6:30-7:30							11:30-12:30	85		79		164		3:30-4:30	102		77		179	
6:45-7:45							11:45-12:45	83		84		167		3:45-4:45	112		89		201	
7:00-8:00	18		14		32		12:00-1:00	85		87		172		4:00-5:00	103		91		194	
7:15-8:15	30		23		53		12:15-1:15	86		89		175		4:15-5:15	108		95		203	
7:30-8:30	41		30		71		12:30-1:30	79		85		164		4:30-5:30	106		97		203	
7:45-8:45	41		34		75		12:45-1:45	82		85		167		4:45-5:45	99		100		199	
8:00-9:00	48		38		86		1:00-2:00	77		72		149		5:00-6:00	92		95		187	

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

Survey conducted by: Name: Max, Keith, Chris, Matt, Erica, Jenny
Organization: OSU ITE Student Chapter
Address:
City/State/Zip: Corvallis, OR 97330
Telephone #: Fax #: E-mail:

Please return to: Institute of Transportation Engineers
Technical Projects Division
1627 I ST NW, STE 550
Washington, DC, 20006, USA
Telephone: +1 202-289-0222

ITE on the Web: www.ite.org

Institute of Transportation Engineers

Trip Generation Data Form (Part 3)

Name/Organization: OSU ITE Student Chapter **City/State:** Corvallis, OR

Telephone Number: _____

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	20	0	19	0	39	0
12:15-12:30							12:15-12:30	24	0	21	0	45	0
12:30-12:45							12:30-12:45	19	0	22	0	41	0
12:45-1:00							12:45-1:00	22	0	25	0	47	0
1:00-1:15							1:00-1:15	21	0	21	0	42	0
1:15-1:30							1:15-1:30	17	0	17	0	34	0
1:30-1:45							1:30-1:45	22	0	22	0	44	0
1:45-2:00							1:45-2:00	17	0	12	0	29	0
2:00-2:15							2:00-2:15	14	0	25	0	39	0
2:15-2:30							2:15-2:30	18	0	10	0	28	0
2:30-2:45							2:30-2:45	19	0	17	0	36	0
2:45-3:00							2:45-3:00	23	0	16	0	39	0
3:00-3:15							3:00-3:15	21	0	20	0	41	0
3:15-3:30							3:15-3:30	17	0	20	0	37	0
3:30-3:45							3:30-3:45	15	0	13	0	28	0
3:45-4:00							3:45-4:00	30	0	18	0	48	0
4:00-4:15							4:00-4:15	31	0	26	0	57	0
4:15-4:30							4:15-4:30	26	0	20	0	46	0
4:30-4:45							4:30-4:45	25	0	25	0	50	0
4:45-5:00							4:45-5:00	21	0	20	0	41	0
5:00-5:15							5:00-5:15	36	0	30	0	66	0
5:15-5:30							5:15-5:30	24	0	22	0	46	0
5:30-5:45							5:30-5:45	18	0	28	0	46	0
5:45-6:00							5:45-6:00	14	0	15	0	29	0
6:00-6:15							6:00-6:15	16	0	15	0	31	0
6:15-6:30							6:15-6:30	10	0	16	0	26	0
6:30-6:45							6:30-6:45	11	0	8	0	19	0
6:45-7:00							6:45-7:00	10	0	12	0	22	0
7:00-7:15	4	0	1	0	5	0	7:00-7:15						
7:15-7:30	4	0	4	0	8	0	7:15-7:30						
7:30-7:45	5	0	4	0	9	0	7:30-7:45						
7:45-8:00	5	0	5	0	10	0	7:45-8:00						
8:00-8:15	16	0	10	0	26	0	8:00-8:15						
8:15-8:30	15	0	11	0	26	0	8:15-8:30						
8:30-8:45	5	0	8	0	13	0	8:30-8:45						
8:45-9:00	12	0	9	0	21	0	8:45-9:00						
9:00-9:15	11	0	7	0	18	0	9:00-9:15						
9:15-9:30	14	0	10	0	24	0	9:15-9:30						
9:30-9:45	19	0	16	0	35	0	9:30-9:45						
9:45-10:00	24	0	15	0	39	0	9:45-10:00						
10:00-10:15	25	0	21	0	46	0	10:00-10:15						
10:15-10:30	26	0	19	0	45	0	10:15-10:30						
10:30-10:45	16	0	17	0	33	0	10:30-10:45						
10:45-11:00	22	0	17	0	39	0	10:45-11:00						
11:00-11:15	23	0	22	0	45	0	11:00-11:15						
11:15-11:30	10	0	15	0	25	0	11:15-11:30						
11:30-11:45	21	0	17	0	38	0	11:30-11:45						
11:45-12:00	20	0	22	0	42	0	11:45-12:00						

Institute of Transportation Engineers

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*
24-Hour Volume									
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*:									
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): 3:15 - 4:15				13	11	24			

[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*
24-Hour Volume									
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*:									
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): 5:15 - 6:15				18	23	41			

Survey conducted by: Name: Max, Keith, Chris, Matt, Erica, Jenny
Organization: OSU ITE Student Chapter
Address:
City/State/Zip: Corvallis, OR 97330
Telephone #: Fax #: E-mail:

Please return to: Institute of Transportation Engineers
Technical Projects Division
1627 I ST NW, STE 550
Washington, DC, 20006, USA
Telephone: +1 202-289-0222

ITE on the Web: www.ite.org

Trip Generation Data

Tuesday

Institute of Transportation Engineers

Trip Generation Data Form (Part 1)

Land Use/Building Type:[1] **Co-op Grocery Store**			ITE Land Use Code: **850**		
Source:			Source No. (*ITE use only*):		
Name of Development:			Day of the Week: **Tuesday**		
City: **Corvallis**	State/Province: **Oregon**	Zip/Postal Code: **97330**	Day: **23**	Month: **04**	Year: **24**
Country: **USA**			Metropolitan Area:		

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

Detailed Description of Development:[3]

Independent Variable: (include data for as many as possible) [2]	Actual	Estimated		Actual	Estimated
_____ (1) Employees (#)	☐	☐	**34** (9) Parking Spaces (% occupied: _____)	☒	☐
_____ (2) Persons (#)	☐	☐	_____ (10) Beds (% occupied: _____)	☐	☐
_____ (3) Total Units (#) (indicate unit:_____)	☐	☐	_____ (11) Seats (#)	☐	☐
_____ (4) Occupied Units (#) (indicate unit:_____)	☐	☐	_____ (12) Servicing Positions/Vehicle Fueling Positions	☐	☐
13,380 (5) Gross Floor Area (gross sq. ft.)	☐	☒			
(% of development occupied _____)			_____ (13) Shopping Center % Out-parcels/pads	☐	☐
_____ (6) Net Rentable Area (sq. ft.)	☐	☐	_____ (14) A.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
_____ (7) Gross Leasable Area (sq. ft.)	☐	☐	_____ (15) P.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
(% of development occupied _____)			_____ (16) Other _____	☐	☐
_____ (8) Total Acres (% developed: _____)	☐	☐	_____ (17) Other _____	☐	☐

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 **0** Daily **0**

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
24-Hour Volume																		
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*: **8:00 - 9:00**	48		51		99													
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time: **4:45 - 5:45**	91		76		167													
A.M. Peak Hour Generator[2] Time: **10:45 - 11:45**	87		82		169													
P.M. Peak Hour Generator[2] Time: **3:15 - 4:15**	97		91		188													
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	74		74		148		3:00-4:00	94		90		184	
6:15-7:15							11:15-12:15	79		79		158		3:15-4:15	97		91		188	
6:30-7:30							11:30-12:30	71		74		145		3:30-4:30	92		87		179	
6:45-7:45							11:45-12:45	61		77		138		3:45-4:45	91		88		179	
7:00-8:00	29		25		54		12:00-1:00	63		82		145		4:00-5:00	88		79		167	
7:15-8:15	44		33		77		12:15-1:15	58		75		133		4:15-5:15	83		78		161	
7:30-8:30	47		39		86		12:30-1:30	59		74		133		4:30-5:30	79		80		159	
7:45-8:45	47		51		98		12:45-1:45	61		57		118		4:45-5:45	91		76		167	
8:00-9:00	48		51		99		1:00-2:00	57		48		105		5:00-6:00	89		73		162	

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

Survey conducted by: Name: **Sarah, Alexa, Eamon, Matt, Max, Wyatt**
Organization: **OSU ITE Student Chapter**
Address:
City/State/Zip: **Corvallis, OR 97330**
Telephone #: Fax #: E-mail:

Please return to: Institute of Transportation Engineers
Technical Projects Division
1627 I ST NW, STE 550
Washington, DC, 20006, USA
Telephone: +1 202-289-0222

ITE on the Web: www.ite.org

Institute of Transportation Engineers

Trip Generation Data Form (Part 3)

Name/Organization: OSU ITE Student Chapter **City/State:** Corvallis, OR

Telephone Number: _____

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

Day of the week: Tuesday ***(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	22	0	22	0	44	0
12:15-12:30							12:15-12:30	12	0	16	0	28	0
12:30-12:45							12:30-12:45	15	0	25	0	40	0
12:45-1:00							12:45-1:00	14	0	19	0	33	0
1:00-1:15							1:00-1:15	17	0	15	0	32	0
1:15-1:30							1:15-1:30	13	0	15	0	28	0
1:30-1:45							1:30-1:45	17	0	8	0	25	0
1:45-2:00							1:45-2:00	10	0	10	0	20	0
2:00-2:15							2:00-2:15	14	0	13	0	27	0
2:15-2:30							2:15-2:30	23	0	26	0	49	0
2:30-2:45							2:30-2:45	25	0	21	0	46	0
2:45-3:00							2:45-3:00	18	0	21	0	39	0
3:00-3:15							3:00-3:15	21	0	18	0	39	0
3:15-3:30							3:15-3:30	28	0	23	0	51	0
3:30-3:45							3:30-3:45	21	0	21	0	42	0
3:45-4:00							3:45-4:00	24	0	28	0	52	0
4:00-4:15							4:00-4:15	24	0	19	0	43	0
4:15-4:30							4:15-4:30	23	0	19	0	42	0
4:30-4:45							4:30-4:45	20	0	22	0	42	0
4:45-5:00							4:45-5:00	21	0	19	0	40	0
5:00-5:15							5:00-5:15	19	0	18	0	37	0
5:15-5:30							5:15-5:30	19	0	21	0	40	0
5:30-5:45							5:30-5:45	32	0	18	0	50	0
5:45-6:00							5:45-6:00	19	0	16	0	35	0
6:00-6:15							6:00-6:15	27	0	22	0	49	0
6:15-6:30							6:15-6:30	13	0	20	0	33	0
6:30-6:45							6:30-6:45	18	0	18	0	36	0
6:45-7:00							6:45-7:00	20	0	22	0	42	0
7:00-7:15	3	0	4	0	7	0	7:00-7:15						
7:15-7:30	7	0	7	0	14	0	7:15-7:30						
7:30-7:45	10	0	8	0	18	0	7:30-7:45						
7:45-8:00	9	0	6	0	15	0	7:45-8:00						
8:00-8:15	18	0	12	0	30	0	8:00-8:15						
8:15-8:30	10	0	13	0	23	0	8:15-8:30						
8:30-8:45	10	0	20	0	30	0	8:30-8:45						
8:45-9:00	10	0	6	0	16	0	8:45-9:00						
9:00-9:15	12	0	13	0	25	0	9:00-9:15						
9:15-9:30	8	0	11	0	19	0	9:15-9:30						
9:30-9:45	15	0	10	0	25	0	9:30-9:45						
9:45-10:00	15	0	14	0	29	0	9:45-10:00						
10:00-10:15	19	0	15	0	34	0	10:00-10:15						
10:15-10:30	21	0	18	0	39	0	10:15-10:30						
10:30-10:45	14	0	16	0	30	0	10:30-10:45						
10:45-11:00	25	0	22	0	47	0	10:45-11:00						
11:00-11:15	17	0	17	0	34	0	11:00-11:15						
11:15-11:30	20	0	21	0	41	0	11:15-11:30						
11:30-11:45	25	0	22	0	47	0	11:30-11:45						
11:45-12:00	12	0	14	0	26	0	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*
24-Hour Volume									
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) **7:00 -** Time *(ex.: 7:15 - 8:15)*: **8:00**	**2**	**3**	**5**						
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time: **4:45 - 5:45**	**9**	**4**	**13**						
A.M. Peak Hour Generator[2] Time: **10:00 - 11:00**	**5**	**2**	**7**						
P.M. Peak Hour Generator[2] Time: **5:30 - 6:30**	**9**	**7**	**16**						
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*
24-Hour Volume									
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) **7:00 -** Time *(ex.: 7:15 - 8:15)*: **8:00**	**4**	**4**	**8**						
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time: **4:45 - 5:45**	**11**	**7**	**18**						
A.M. Peak Hour Generator[2] Time: **11:00 - 12:00**	**14**	**12**	**26**						
P.M. Peak Hour Generator[2] Time: **2:15 - 3:50**	**14**	**13**	**27**						
Peak Hour Generator[3] Time (Weekend):									

Survey conducted by: Name: **Sarah, Alexa, Eamon, Matt, Max, Wyatt**
Organization: **OSU ITE Student Chapter**
Address:
City/State/Zip: **Corvallis, OR 97330**
Telephone #: Fax #: E-mail:

Please return to: Institute of Transportation Engineers
Technical Projects Division
1627 I ST NW, STE 550
Washington, DC, 20006, USA
Telephone: +1 202-289-0222

ITE on the Web: www.ite.org

Trip Generation Data

Wednesday

Institute of Transportation Engineers

Trip Generation Data Form (Part 1)

Land Use/Building Type:[1] **Co-op Grocery Store**			ITE Land Use Code: **850**
Source:			Source No. (*ITE use only*):
Name of Development:			Day of the Week: **Wednesday**
City: **Corvallis**	State/Province: **Oregon**	Zip/Postal Code: **97330**	Day: **24** Month: **04** Year: **24**
Country: **USA**			Metropolitan Area:

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

Detailed Description of Development:[3]

Independent Variable: (include data for as many as possible) [2]	Actual	Estimated		Actual	Estimated
_____ (1) Employees (#)	☐	☐	**34** (9) Parking Spaces (% occupied: _____)	☑	☐
_____ (2) Persons (#)	☐	☐	_____ (10) Beds (% occupied: _____)	☐	☐
_____ (3) Total Units (#) (indicate unit:_____)	☐	☐	_____ (11) Seats (#)	☐	☐
_____ (4) Occupied Units (#) (indicate unit:_____)	☐	☐	_____ (12) Servicing Positions/Vehicle Fueling Positions	☐	☐
13,380 (5) Gross Floor Area (gross sq. ft.) (% of development occupied _____)	☐	☑	_____ (13) Shopping Center % Out-parcels/pads	☐	☐
_____ (6) Net Rentable Area (sq. ft.)	☐	☐	_____ (14) A.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
_____ (7) Gross Leasable Area (sq. ft.) (% of development occupied _____)	☐	☐	_____ (15) P.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
			_____ (16) Other _____	☐	☐
_____ (8) Total Acres (% developed: _____)	☐	☐	_____ (17) Other _____	☐	☐

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 **0** Daily **0**

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
24-Hour Volume																		
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*: **8:00 - 9:00**	59	1	59	1	118	2												
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time: **4:45 - 5:45**	84		84		168													
A.M. Peak Hour Generator[2] Time: **10:45 - 11:45**	67		67		134													
P.M. Peak Hour Generator[2] Time: **4:45 - 5:45**	84		84		168													
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	57		66		123		3:00-4:00	67		66		133	
6:15-7:15							11:15-12:15	73		71		144		3:15-4:15	60		67		127	
6:30-7:30							11:30-12:30	71		79		150		3:30-4:30	69		69		138	
6:45-7:45							11:45-12:45	68		65		133		3:45-4:45	82		78		160	
7:00-8:00	38		31		69		12:00-1:00	63		67		130		4:00-5:00	85		82		167	
7:15-8:15	50		35		85		12:15-1:15	54		59		113		4:15-5:15	89		77		166	
7:30-8:30	56		46		102		12:30-1:30	55		51		106		4:30-5:30	82		75		157	
7:45-8:45	58	1	43		101		12:45-1:45	69		51		120		4:45-5:45	84		84		168	
8:00-9:00	59	1	59	1	118		1:00-2:00	84		62		146		5:00-6:00	81		79		160	

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

Survey conducted by: Name: **Alexa, Erica, Emily, Matt, Keith, Aiden**
Organization: **OSU ITE Student Chapter**
Address:
City/State/Zip: **Corvallis, OR 97330**
Telephone #: Fax #: E-mail:

Please return to: Institute of Transportation Engineers
Technical Projects Division
1627 I ST NW, STE 550
Washington, DC, 20006, USA
Telephone: +1 202-289-0222

ITE on the Web: www.ite.org

Institute of Transportation Engineers

Trip Generation Data Form (Part 3)

Name/Organization: OSU ITE Student Chapter **City/State:** Corvallis, OR

Telephone Number: _____

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	27	0	19	0	46	0
12:15-12:30							12:15-12:30	17	0	20	0	37	0
12:30-12:45							12:30-12:45	9	0	11	0	20	0
12:45-1:00							12:45-1:00	10	0	17	0	27	0
1:00-1:15							1:00-1:15	18	0	11	0	29	0
1:15-1:30							1:15-1:30	18	0	12	0	30	0
1:30-1:45							1:30-1:45	23	0	11	0	34	0
1:45-2:00							1:45-2:00	25	0	28	0	53	0
2:00-2:15							2:00-2:15	9	0	13	0	22	0
2:15-2:30							2:15-2:30	12	0	15	0	27	0
2:30-2:45							2:30-2:45	19	0	13	0	32	0
2:45-3:00							2:45-3:00	16	0	17	0	33	0
3:00-3:15							3:00-3:15	22	0	19	0	41	0
3:15-3:30							3:15-3:30	18	0	18	0	36	0
3:30-3:45							3:30-3:45	9	0	13	0	22	0
3:45-4:00							3:45-4:00	18	0	16	0	34	0
4:00-4:15							4:00-4:15	15	0	20	0	35	0
4:15-4:30							4:15-4:30	27	0	20	0	47	0
4:30-4:45							4:30-4:45	22	0	22	0	44	0
4:45-5:00							4:45-5:00	21	0	20	0	41	0
5:00-5:15							5:00-5:15	19	0	15	0	34	0
5:15-5:30							5:15-5:30	20	0	18	0	38	0
5:30-5:45							5:30-5:45	24	0	31	0	55	0
5:45-6:00							5:45-6:00	18	0	15	0	33	0
6:00-6:15							6:00-6:15	9	0	16	0	25	0
6:15-6:30							6:15-6:30	24	0	8	0	32	0
6:30-6:45							6:30-6:45	14	0	29	0	43	0
6:45-7:00							6:45-7:00	6	0	7	0	13	0
7:00-7:15	11	0	10	0	21	0	7:00-7:15						
7:15-7:30	6	0	9	0	15	0	7:15-7:30						
7:30-7:45	11	0	8	0	19	0	7:30-7:45						
7:45-8:00	10	0	4	0	14	0	7:45-8:00						
8:00-8:15	23	0	14	0	37	0	8:00-8:15						
8:15-8:30	12	0	20	0	32	0	8:15-8:30						
8:30-8:45	13	1	5	0	18	0	8:30-8:45						
8:45-9:00	11	0	20	1	31	0	8:45-9:00						
9:00-9:15	17	0	10	0	27	0	9:00-9:15						
9:15-9:30	16	0	20	0	36	0	9:15-9:30						
9:30-9:45	14	0	14	0	28	0	9:30-9:45						
9:45-10:00	11	0	11	0	22	0	9:45-10:00						
10:00-10:15	12	0	8	0	20	0	10:00-10:15						
10:15-10:30	12	0	11	0	23	0	10:15-10:30						
10:30-10:45	13	0	9	0	22	0	10:30-10:45						
10:45-11:00	25	0	16	0	41	0	10:45-11:00						
11:00-11:15	11	0	14	0	25	0	11:00-11:15						
11:15-11:30	19	0	12	0	31	0	11:15-11:30						
11:30-11:45	12	0	25	0	37	0	11:30-11:45						
11:45-12:00	15	0	15	0	30	0	11:45-12:00						

Institute of Transportation Engineers

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*
24-Hour Volume									
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*: **8:00 - 9:00**	**4**	**5**	**9**						
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time: **4:30 - 5:30**	**9**	**6**	**15**						
A.M. Peak Hour Generator[2] Time: **8:00 - 9:00**	**4**	**5**	**9**						
P.M. Peak Hour Generator[2] Time: **4:30 - 5:30**	**9**	**6**	**15**						
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*
24-Hour Volume									
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*: **8:00 - 9:00**	**12**	**6**	**18**						
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time: **4:00 - 5:00**	**11**	**6**	**17**						
A.M. Peak Hour Generator[2] Time: **8:30 - 9:30**	**13**	**6**	**19**						
P.M. Peak Hour Generator[2] Time: **5:30 - 6:30**	**7**	**14**	**21**						
Peak Hour Generator[3] Time (Weekend):									

Survey conducted by: Name: **Max, Keith, Chris, Matt, Erica, Emilio**
Organization: **OSU ITE Student Chapter**
Address:
City/State/Zip: **Corvallis, OR 97330**
Telephone #: Fax #: E-mail:

Please return to: Institute of Transportation Engineers
Technical Projects Division
1627 I ST NW, STE 550
Washington, DC, 20006, USA
Telephone: +1 202-289-0222

ITE on the Web: www.ite.org

Trip Generation Data

Thursday

Institute of Transportation Engineers

Trip Generation Data Form (Part 1)

Land Use/Building Type:[1] **Co-op Grocery Store**			ITE Land Use Code: **850**
Source:			Source No. (*ITE use only*):
Name of Development:			Day of the Week: **Thursday**
City: **Corvallis**	State/Province: **Oregon**	Zip/Postal Code: **97330**	Day: **25** Month: **04** Year: **24**
Country: **USA**			Metropolitan Area:

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

Detailed Description of Development:[3]

Independent Variable: (include data for as many as possible)[2]	Actual	Estimated		Actual	Estimated
_____ (1) Employees (#)	☐	☐	**34** (9) Parking Spaces (% occupied: _____)	☒	☐
_____ (2) Persons (#)	☐	☐	_____ (10) Beds (% occupied: _____)	☐	☐
_____ (3) Total Units (#) (indicate unit:_____)	☐	☐	_____ (11) Seats (#)	☐	☐
_____ (4) Occupied Units (#) (indicate unit:_____)	☐	☐	_____ (12) Servicing Positions/Vehicle Fueling Positions	☐	☐
13,380 (5) Gross Floor Area (gross sq. ft.) (% of development occupied _____)	☐	☒	_____ (13) Shopping Center % Out-parcels/pads	☐	☐
_____ (6) Net Rentable Area (sq. ft.)	☐	☐	_____ (14) A.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
_____ (7) Gross Leasable Area (sq. ft.) (% of development occupied _____)	☐	☐	_____ (15) P.M. Peak Hour Volume of Adjacent Street Traffic	☐	☐
			_____ (16) Other _____	☐	☐
_____ (8) Total Acres (% developed: _____)	☐	☐	_____ (17) Other _____	☐	☐

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 **0** Daily **0**

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
24-Hour Volume																		
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) 8:00 - Time *(ex.: 7:15 - 8:15)*: 9:00	53		44		97													
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time: 4:45 - 5:45	102		92		194													
A.M. Peak Hour Generator[2] Time: 10:00 - 11:00	53		58		111													
P.M. Peak Hour Generator[2] Time: 3:00 - 4:00	109		101		210													
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	52		74		105		3:00-4:00	109		101		210	
6:15-7:15							11:15-12:15	56		71		110		3:15-4:15	107		98		205	
6:30-7:30							11:30-12:30	54		85		112		3:30-4:30	94		95		189	
6:45-7:45							11:45-12:45	57		83		123		3:45-4:45	93		94		187	
7:00-8:00	44		45		89		12:00-1:00	61		85		123		4:00-5:00	95		88		183	
7:15-8:15	43		47		90		12:15-1:15	74		86		141		4:15-5:15	100		89		189	
7:30-8:30	42		38		80		12:30-1:30	75		79		148		4:30-5:30	100		92		192	
7:45-8:45	49		42		91		12:45-1:45	74		82		145		4:45-5:45	102		92		194	
8:00-9:00	53		44		97		1:00-2:00	82		77		166		5:00-6:00	94		91		185	

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

Survey conducted by: Name: Alexa, Eamon, Max, Sarah, Matt, Jenny, Svea, Keith, Du

Organization: OSU ITE Student Chapter

Address:

City/State/Zip: Corvallis, OR 97330

Telephone #: Fax #: E-mail:

Please return to: Institute of Transportation Engineers
Technical Projects Division
1627 I ST NW, STE 550
Washington, DC, 20006, USA
Telephone: +1 202-289-0222

ITE on the Web: www.ite.org

Institute of Transportation Engineers

Trip Generation Data Form (Part 3)

Name/Organization: OSU ITE Student Chapter **City/State:** Corvallis, OR

Telephone Number: _____

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

Day of the week: Thursday ***(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	17	0	14	0	31	0
12:15-12:30							12:15-12:30	12	0	21	0	33	0
12:30-12:45							12:30-12:45	20	0	19	0	39	0
12:45-1:00							12:45-1:00	12	0	8	0	20	0
1:00-1:15							1:00-1:15	30	0	19	0	49	0
1:15-1:30							1:15-1:30	13	0	27	0	40	0
1:30-1:45							1:30-1:45	19	0	17	0	36	0
1:45-2:00							1:45-2:00	20	0	21	0	41	0
2:00-2:15							2:00-2:15	14	0	20	0	34	0
2:15-2:30							2:15-2:30	15	0	13	0	28	0
2:30-2:45							2:30-2:45	24	0	15	0	39	0
2:45-3:00							2:45-3:00	16	0	14	0	30	0
3:00-3:15							3:00-3:15	22	0	27	0	49	0
3:15-3:30							3:15-3:30	35	0	25	0	60	0
3:30-3:45							3:30-3:45	25	0	20	0	45	0
3:45-4:00							3:45-4:00	27	0	29	0	56	0
4:00-4:15							4:00-4:15	20	0	24	0	44	0
4:15-4:30							4:15-4:30	22	0	22	0	44	0
4:30-4:45							4:30-4:45	24	0	19	0	43	0
4:45-5:00							4:45-5:00	29	0	23	0	52	0
5:00-5:15							5:00-5:15	25	0	25	0	50	0
5:15-5:30							5:15-5:30	22	0	25	0	47	0
5:30-5:45							5:30-5:45	26	0	19	0	45	0
5:45-6:00							5:45-6:00	21	0	22	0	43	0
6:00-6:15							6:00-6:15	16	0	22	0	38	0
6:15-6:30							6:15-6:30	20	0	13	0	33	0
6:30-6:45							6:30-6:45	15	0	20	0	35	0
6:45-7:00							6:45-7:00	16	0	17	0	33	0
7:00-7:15	10	0	5	0	15	0	7:00-7:15						
7:15-7:30	14	0	16	0	30	0	7:15-7:30						
7:30-7:45	10	0	14	0	24	0	7:30-7:45						
7:45-8:00	10	0	10	0	20	0	7:45-8:00						
8:00-8:15	9	0	7	0	16	0	8:00-8:15						
8:15-8:30	13	0	7	0	20	0	8:15-8:30						
8:30-8:45	17	0	18	0	35	0	8:30-8:45						
8:45-9:00	14	0	12	0	26	0	8:45-9:00						
9:00-9:15	10	0	15	0	25	0	9:00-9:15						
9:15-9:30	15	0	7	0	22	0	9:15-9:30						
9:30-9:45	14	0	13	0	27	0	9:30-9:45						
9:45-10:00	7	0	4	0	11	0	9:45-10:00						
10:00-10:15	19	0	14	0	33	0	10:00-10:15						
10:15-10:30	11	0	19	0	30	0	10:15-10:30						
10:30-10:45	14	0	13	0	27	0	10:30-10:45						
10:45-11:00	9	0	12	0	21	0	10:45-11:00						
11:00-11:15	13	0	13	0	26	0	11:00-11:15						
11:15-11:30	14	0	17	0	31	0	11:15-11:30						
11:30-11:45	17	0	11	0	28	0	11:30-11:45						
11:45-12:00	8	0	12	0	20	0	11:45-12:00						

Institute of Transportation Engineers

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*
24-Hour Volume									
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*: **8:00 - 9:00**	**4**	**5**	**9**						
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time: **5:00 - 6:00**	**10**	**12**	**22**						
A.M. Peak Hour Generator[2] Time: **8:00 - 9:00**	**4**	**5**	**9**						
P.M. Peak Hour Generator[2] Time: **5:00 - 6:00**	**10**	**12**	**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*
24-Hour Volume									
A.M. Peak Hour of Adjacent[1] Street Traffic (7 – 9) Time *(ex.: 7:15 - 8:15)*: **8:00 - 9:00**	**13**	**6**	**19**						
P.M. Peak Hour of Adjacent[1] Street Traffic (4 – 6) Time: **4:45 - 5:45**	**17**	**15**	**32**						
A.M. Peak Hour Generator[2] Time: **8:30 - 9:30**	**14**	**6**	**20**						
P.M. Peak Hour Generator[2] Time: **4:45 - 5:45**	**17**	**15**	**32**						
Peak Hour Generator[3] Time (Weekend):									

Survey conducted by: Name: **Alexa, Eamon, Max, Sarah, Matt, Jenny, Svea, Keith, Du**
Organization: **OSU ITE Student Chapter**
Address:
City/State/Zip: **Corvallis, OR 97330**
Telephone #: Fax #: E-mail:

Please return to: Institute of Transportation Engineers
Technical Projects Division
1627 I ST NW, STE 550
Washington, DC, 20006, USA
Telephone: +1 202-289-0222

ITE on the Web: www.ite.org

Appendix B

Parking Demand Survey Form

Institute of Transportation Engineers

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

Land Use Code*	850				
Name of Site	Co-op Grocery Store				
Brief Description of Site	Co-op Grocery Store				
Transit*	Yes				
Area*	Non-CBD	**City**			
TMP*	No	**State**		**Country**	
Parking Price*	$ 0 Daily Rate	$	Hourly Rate		

Site Size*	13,380	**Units***	sq. ft	**Occupancy***	100%	**Land Use**
Site Size		**Units**		**Occupancy**		
Site Size		**Units**		**Occupancy**		
Site Size		**Units**		**Occupancy**		

Number of Parking Spaces Provided at Site

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

Date	4/20/24	4/21/24	4/23/24	4/24/24	4/25/24		
Day	Saturday	Sunday	Tuesday	Wednesday	Thursday		
12 Mid							
1:00 AM							
2:00 AM							
3:00 AM							
4:00 AM							
5:00 AM							
6:00 AM							
7:00 AM	4	5	5	5	7		
8:00 AM	12	14	16	14	13		
9:00 AM	25	24	16	15	15		
10:00 AM	28	26	24	18	20		
11:00 AM	29	24	27	25	25		
12 Noon	27	27	22	23	26		
1:00 PM	31	32	17	26	31		
2:00 PM	32	28	23	25	23		
3:00 PM	30	29	29	17	24		
4:00 PM	28	30	27	21	25		
5:00 PM	33	30	24	22	26		
6:00 PM	16	19	28	22	15		
7:00 PM							
8:00 PM							
9:00 PM							
10:00 PM							
11:00 PM							

Person	Max Krause	**Organization**	OSU ITE Student Chapter
Phone			
Fax			
Email	krausema@oregonstate.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

Appendix C

FIELD DATA SHEET | SATURDAY (4/20/24)

TABLE #1 - TRIP GENERATION DATA

TIME	PARKING LOT							
	CARS IN	CARS OUT	TRUCKS IN	TRUCKS OUT	BIKES IN	BIKES OUT	PEDS IN	PEDS OUT
7:00 AM - 7:15 AM	9	6	0	0	3	1	2	0
7:15 AM - 7:30 AM	4	3	0	0	0	0	1	0
7:30 AM - 7:45 AM	6	7	0	0	0	0	0	1
7:45 AM - 8:00 AM	9	4	0	0	1	1	3	3
8:00 AM - 8:15 AM	9	8	0	0	2	1	1	1
8:15 AM - 8:30 AM	14	12	0	0	1	2	0	1
8:30 AM - 8:45 AM	13	13	0	0	0	0	1	0
8:45 AM - 9:00 AM	9	11	0	0	0	0	2	0
9:00 AM - 9:15 AM	11	10	0	0	1	1	1	1
9:15 AM - 9:30 AM	15	6	0	0	0	0	2	0
9:30 AM - 9:45 AM	28	21	0	0	0	0	3	0
9:45 AM - 10:00 AM	14	17	0	0	1	0	3	3
10:00 AM - 10:15 AM	14	10	0	0	2	2	9	2
10:15 AM - 10:30 AM	27	14	0	0	0	1	0	4
10:30 AM - 10:45 AM	20	21	0	0	2	0	3	1
10:45 AM - 11:00 AM	28	24	0	0	1	1	3	1
11:00 AM - 11:15 AM	16	20	0	0	1	1	0	1
11:15 AM - 11:30 AM	30	18	0	0	4	5	0	0
11:30 AM - 11:45 AM	18	24	0	0	1	1	0	0
11:45 AM - 12:00 PM	16	21	0	0	0	1	2	2
12:00 PM - 12:15 PM	25	12	0	0	0	0	4	0
12:15 PM - 12:30 PM	27	23	0	0	1	1	1	1
12:30 PM - 12:45 PM	19	27	0	0	3	2	5	3
12:45 PM - 1:00 PM	11	9	0	0	1	1	1	1
1:00 PM - 1:15 PM	20	11	0	0	0	1	0	0
1:15 PM - 1:30 PM	27	25	0	0	0	0	1	0
1:30 PM - 1:45 PM	26	14	0	0	0	0	0	0
1:45 PM - 2:00 PM	24	23	0	0	1	0	4	1
2:00 PM - 2:15 PM	18	22	0	0	0	1	5	5
2:15 PM - 2:30 PM	14	15	0	0	1	2	2	0
2:30 PM - 2:45 PM	16	19	0	0	0	1	0	1
2:45 PM - 3:00 PM	20	12	0	0	0	0	1	0
3:00 PM - 3:15 PM	24	12	0	0	1	0	1	0
3:15 PM - 3:30 PM	24	17	0	0	0	0	3	0
3:30 PM - 3:45 PM	24	17	0	0	1	2	0	0
3:45 PM - 4:00 PM	17	14	0	0	0	0	0	0
4:00 PM - 4:15 PM	24	21	0	0	1	0	0	0
4:15 PM - 4:30 PM	22	18	0	0	2	1	1	3
4:30 PM - 4:45 PM	24	18	0	0	2	1	5	4
4:45 PM - 5:00 PM	31	17	0	0	1	3	6	3
5:00 PM - 5:15 PM	22	26	0	0	1	0	0	4
5:15 PM - 5:30 PM	21	22	0	0	1	0	2	0
5:30 PM - 5:45 PM	11	16	0	0	0	0	0	0
5:45 PM - 6:00 PM	12	11	0	0	2	1	3	1
6:00 PM - 6:15 PM	22	20	0	0	1	0	2	3
6:15 PM - 6:30 PM	16	9	0	0	0	1	0	0
6:30 PM - 6:45 PM	9	13	0	0	0	0	6	4
6:45 PM - 7:00 PM	16	10	0	0	0	1	4	2

TABLE #2 - PARKING DATA

TIME	PARKING LOT	PARKING LOT
	# OF CARS PARKED	# OF BIKES PARKED
7:00 AM	1	2
7:15 AM	3	2
7:30 AM	4	2
7:45 AM	3	2
8:00 AM	9	1
8:15 AM	8	2
8:30 AM	12	0
8:45 AM	9	0
9:00 AM	9	0
9:15 AM	9	0
9:30 AM	15	0
9:45 AM	25	0
10:00 AM	15	1
10:15 AM	19	2
10:30 AM	28	1
10:45 AM	27	1
11:00 AM	27	1
11:15 AM	22	1
11:30 AM	29	1
11:45 AM	23	1
12:00 PM	19	0
12:15 PM	22	0
12:30 PM	27	0
12:45 PM	20	0
1:00 PM	21	2
1:15 PM	24	1
1:30 PM	28	3
1:45 PM	31	1
2:00 PM	32	3
2:15 PM	26	2
2:30 PM	24	1
2:45 PM	20	0
3:00 PM	24	0
3:15 PM	30	0
3:30 PM	29	1
3:45 PM	28	2
4:00 PM	28	1
4:15 PM	23	2
4:30 PM	24	3
4:45 PM	26	4
5:00 PM	33	2
5:15 PM	24	3
5:30 PM	17	3
5:45 PM	14	1
6:00 PM	12	2
6:15 PM	16	2
6:30 PM	14	1
6:45 PM	8	2
7:00 PM	12	1

FIELD DATA SHEET | SUNDAY (4/21/24)

TABLE #1 - TRIP GENERATION DATA

TIME	PARKING LOT							
	CARS IN	CARS OUT	TRUCKS IN	TRUCKS OUT	BIKES IN	BIKES OUT	PEDS IN	PEDS OUT
7:00 AM - 7:15 AM	4	1	0	0	0	0	1	1
7:15 AM - 7:30 AM	4	4	0	0	1	0	1	0
7:30 AM - 7:45 AM	5	4	0	0	0	1	0	0
7:45 AM - 8:00 AM	5	5	0	0	0	0	0	0
8:00 AM - 8:15 AM	16	10	0	0	1	0	2	0
8:15 AM - 8:30 AM	15	11	0	0	1	1	1	1
8:30 AM - 8:45 AM	5	8	0	0	0	1	0	0
8:45 AM - 9:00 AM	12	9	0	0	0	0	7	0
9:00 AM - 9:15 AM	11	7	0	0	3	0	2	3
9:15 AM - 9:30 AM	14	10	0	0	1	1	0	2
9:30 AM - 9:45 AM	19	16	0	0	0	1	3	1
9:45 AM - 10:00 AM	24	15	0	0	0	0	0	0
10:00 AM - 10:15 AM	25	21	0	0	0	0	1	0
10:15 AM - 10:30 AM	26	19	0	0	0	1	6	0
10:30 AM - 10:45 AM	16	17	0	0	0	0	1	5
10:45 AM - 11:00 AM	22	17	0	0	0	0	3	1
11:00 AM - 11:15 AM	23	22	0	0	0	0	7	4
11:15 AM - 11:30 AM	10	15	0	0	0	1	2	2
11:30 AM - 11:45 AM	21	17	0	0	1	0	1	1
11:45 AM - 12:00 PM	20	22	0	0	1	1	9	5
12:00 PM - 12:15 PM	20	19	0	0	0	1	6	3
12:15 PM - 12:30 PM	24	21	0	0	1	1	0	1
12:30 PM - 12:45 PM	19	22	0	0	1	1	4	1
12:45 PM - 1:00 PM	22	25	0	0	3	1	5	0
1:00 PM - 1:15 PM	21	21	0	0	3	2	0	1
1:15 PM - 1:30 PM	17	17	0	0	1	0	1	0
1:30 PM - 1:45 PM	22	22	0	0	2	2	2	2
1:45 PM - 2:00 PM	17	12	0	0	0	4	6	6
2:00 PM - 2:15 PM	14	25	0	0	2	2	2	0
2:15 PM - 2:30 PM	18	10	0	0	5	1	5	6
2:30 PM - 2:45 PM	19	17	0	0	0	2	2	0
2:45 PM - 3:00 PM	23	16	0	0	2	1	0	0
3:00 PM - 3:15 PM	21	20	0	0	0	2	2	1
3:15 PM - 3:30 PM	17	20	0	0	6	4	5	4
3:30 PM - 3:45 PM	15	13	0	0	0	4	1	3
3:45 PM - 4:00 PM	30	18	0	0	3	0	5	4
4:00 PM - 4:15 PM	31	26	0	0	4	3	3	0
4:15 PM - 4:30 PM	26	20	0	0	2	2	5	5
4:30 PM - 4:45 PM	25	25	0	0	1	5	1	4
4:45 PM - 5:00 PM	21	20	0	0	4	1	6	1
5:00 PM - 5:15 PM	36	30	0	0	2	3	4	1
5:15 PM - 5:30 PM	24	22	0	0	1	3	6	3
5:30 PM - 5:45 PM	18	28	0	0	0	0	6	12
5:45 PM - 6:00 PM	14	15	0	0	1	1	4	3
6:00 PM - 6:15 PM	16	15	0	0	0	3	2	5
6:15 PM - 6:30 PM	10	16	0	0	0	0	1	4
6:30 PM - 6:45 PM	11	8	0	0	1	1	2	2
6:45 PM - 7:00 PM	10	12	0	0	0	0	4	1

TABLE #2 - PARKING DATA

TIME	PARKING LOT	PARKING LOT
	# OF CARS PARKED	# OF BIKES PARKED
7:00 AM	1	0
7:15 AM	4	0
7:30 AM	3	0
7:45 AM	5	0
8:00 AM	5	0
8:15 AM	14	0
8:30 AM	13	1
8:45 AM	11	0
9:00 AM	14	0
9:15 AM	15	1
9:30 AM	20	2
9:45 AM	24	2
10:00 AM	26	2
10:15 AM	20	2
10:30 AM	21	1
10:45 AM	23*	1
11:00 AM	24	1
11:15 AM	21	1
11:30 AM	15	0
11:45 AM	24	1
12:00 PM	23	0
12:15 PM	26	0
12:30 PM	27	2
12:45 PM	25	1
1:00 PM	32	3
1:15 PM	26	3
1:30 PM	27	5
1:45 PM	27	3
2:00 PM	28	3
2:15 PM	16	2
2:30 PM	26	6
2:45 PM	25	4
3:00 PM	29	3
3:15 PM	29	2
3:30 PM	20	4
3:45 PM	18	1
4:00 PM	26	5
4:15 PM	27	8
4:30 PM	30	8
4:45 PM	23	2
5:00 PM	24	5
5:15 PM	29	3
5:30 PM	30	1
5:45 PM	19	1
6:00 PM	18	3
6:15 PM	19	0
6:30 PM	13	0
6:45 PM	17	0
7:00 PM	15	0

FIELD DATA SHEET | TUESDAY (4/23/24)

TABLE #1 - TRIP GENERATION DATA

TIME	PARKING LOT							
	CARS IN	CARS OUT	TRUCKS IN	TRUCKS OUT	BIKES IN	BIKES OUT	PEDS IN	PEDS OUT
7:00 AM - 7:15 AM	3	4	0	0	0	0	2	3
7:15 AM - 7:30 AM	7	7	0	0	1	1	2	0
7:30 AM - 7:45 AM	10	8	0	0	0	0	0	1
7:45 AM - 8:00 AM	9	6	0	0	1	2	0	0
8:00 AM - 8:15 AM	18	12	0	0	0	0	0	0
8:15 AM - 8:30 AM	10	13	0	0	0	0	2	1
8:30 AM - 8:45 AM	10	20	0	0	0	0	1	0
8:45 AM - 9:00 AM	10	6	0	0	0	2	2	1
9:00 AM - 9:15 AM	12	13	0	0	0	0	2	1
9:15 AM - 9:30 AM	8	11	0	0	0	0	1	2
9:30 AM - 9:45 AM	15	10	0	0	0	0	3	1
9:45 AM - 10:00 AM	15	14	0	0	1	1	1	2
10:00 AM - 10:15 AM	19	15	0	0	2	0	1	2
10:15 AM - 10:30 AM	21	18	0	0	0	1	0	0
10:30 AM - 10:45 AM	14	16	0	0	1	0	1	0
10:45 AM - 11:00 AM	25	22	0	0	2	1	1	1
11:00 AM - 11:15 AM	17	17	0	0	1	0	2	2
11:15 AM - 11:30 AM	20	21	0	0	0	1	3	2
11:30 AM - 11:45 AM	25	22	0	0	0	2	7	7
11:45 AM - 12:00 PM	12	14	0	0	1	1	2	1
12:00 PM - 12:15 PM	22	22	0	0	1	0	5	2
12:15 PM - 12:30 PM	12	16	0	0	0	2	1	0
12:30 PM - 12:45 PM	15	25	0	0	0	0	4	4
12:45 PM - 1:00 PM	14	19	0	0	0	0	1	5
1:00 PM - 1:15 PM	17	15	0	0	1	0	2	1
1:15 PM - 1:30 PM	13	15	0	0	0	0	2	1
1:30 PM - 1:45 PM	17	8	0	0	1	0	5	1
1:45 PM - 2:00 PM	10	10	0	0	0	1	6	2
2:00 PM - 2:15 PM	14	13	0	0	0	1	2	2
2:15 PM - 2:30 PM	23	26	0	0	0	0	0	4
2:30 PM - 2:45 PM	25	21	0	0	1	2	8	2
2:45 PM - 3:00 PM	18	21	0	0	3	1	4	4
3:00 PM - 3:15 PM	21	18	0	0	0	3	2	3
3:15 PM - 3:30 PM	28	23	0	0	3	1	0	0
3:30 PM - 3:45 PM	21	21	0	0	0	0	3	0
3:45 PM - 4:00 PM	24	28	0	0	1	0	2	2
4:00 PM - 4:15 PM	24	19	0	0	2	0	3	2
4:15 PM - 4:30 PM	23	19	0	0	1	1	2	0
4:30 PM - 4:45 PM	20	22	0	0	0	0	2	3
4:45 PM - 5:00 PM	21	19	0	0	1	0	2	1
5:00 PM - 5:15 PM	19	18	0	0	2	2	6	1
5:15 PM - 5:30 PM	19	21	0	0	2	0	2	4
5:30 PM - 5:45 PM	32	18	0	0	4	2	1	1
5:45 PM - 6:00 PM	19	16	0	0	1	3	0	0
6:00 PM - 6:15 PM	27	22	0	0	3	0	3	0
6:15 PM - 6:30 PM	13	20	0	0	1	2	2	4
6:30 PM - 6:45 PM	18	18	0	0	2	2	3	0
6:45 PM - 7:00 PM	20	22	0	0	1	0	1	1

TABLE #2 - PARKING DATA

TIME	PARKING LOT	PARKING LOT
	# OF CARS PARKED	# OF BIKES PARKED
7:00 AM	5	0
7:15 AM	3	0
7:30 AM	3	0
7:45 AM	5	0
8:00 AM	9	0
8:15 AM	16	0
8:30 AM	13	0
8:45 AM	9	1
9:00 AM	12	0
9:15 AM	14	1
9:30 AM	12	0
9:45 AM	16	0
10:00 AM	19	1
10:15 AM	21	2
10:30 AM	24	0
10:45 AM	22	1
11:00 AM	21	2
11:15 AM	25	3
11:30 AM	21	2
11:45 AM	27	1
12:00 PM	22	1
12:15 PM	22	1
12:30 PM	18	0
12:45 PM	15	0
1:00 PM	12	0
1:15 PM	11	0
1:30 PM	9	0
1:45 PM	17	1
2:00 PM	18	0
2:15 PM	23	0
2:30 PM	17	0
2:45 PM	23	1
3:00 PM	19	3
3:15 PM	24	0
3:30 PM	25	2
3:45 PM	29	0
4:00 PM	27	0
4:15 PM	23	2
4:30 PM	24	0
4:45 PM	17	0
5:00 PM	17	1
5:15 PM	17	0
5:30 PM	10	3
5:45 PM	24	4
6:00 PM	21	2
6:15 PM	28	4
6:30 PM	13	3
6:45 PM	18	3
7:00 PM	18	3

FIELD DATA SHEET | WEDNESDAY (4/24/24)

TABLE #1 - TRIP GENERATION DATA

TIME	PARKING LOT							
	CARS IN	CARS OUT	TRUCKS IN	TRUCKS OUT	BIKES IN	BIKES OUT	PEDS IN	PEDS OUT
7:00 AM - 7:15 AM	11	10	0	0	0	0	0	0
7:15 AM - 7:30 AM	6	9	0	0	1	1	0	0
7:30 AM - 7:45 AM	11	8	0	0	1	0	1	0
7:45 AM - 8:00 AM	10	4	0	0	1	2	2	0
8:00 AM - 8:15 AM	23	14	0	0	1	1	3	3
8:15 AM - 8:30 AM	12	20	0	0	0	0	1	1
8:30 AM - 8:45 AM	12	5	1	0	2	0	3	1
8:45 AM - 9:00 AM	11	19	0	1	1	4	5	1
9:00 AM - 9:15 AM	17	10	0	0	0	0	5	2
9:15 AM - 9:30 AM	16	20	0	0	0	0	0	2
9:30 AM - 9:45 AM	14	14	0	0	0	0	2	1
9:45 AM - 10:00 AM	11	11	0	0	0	0	2	1
10:00 AM - 10:15 AM	12	8	0	0	0	0	0	0
10:15 AM - 10:30 AM	12	11	0	0	1	0	0	3
10:30 AM - 10:45 AM	13	9	0	0	2	1	1	0
10:45 AM - 11:00 AM	25	16	0	0	0	2	2	1
11:00 AM - 11:15 AM	11	14	0	0	2	1	2	4
11:15 AM - 11:30 AM	19	12	0	0	0	0	2	2
11:30 AM - 11:45 AM	12	25	0	0	1	0	0	2
11:45 AM - 12:00 PM	15	15	0	0	2	0	0	0
12:00 PM - 12:15 PM	27	19	0	0	2	2	1	0
12:15 PM - 12:30 PM	17	20	0	0	1	1	2	1
12:30 PM - 12:45 PM	9	11	0	0	0	2	5	2
12:45 PM - 1:00 PM	10	17	0	0	0	0	4	3
1:00 PM - 1:15 PM	18	11	0	0	2	1	2	0
1:15 PM - 1:30 PM	18	12	0	0	1	0	0	1
1:30 PM - 1:45 PM	23	11	0	0	0	0	1	0
1:45 PM - 2:00 PM	25	28	0	0	0	0	0	1
2:00 PM - 2:15 PM	9	13	0	0	4	2	1	0
2:15 PM - 2:30 PM	12	15	0	0	0	1	0	0
2:30 PM - 2:45 PM	19	13	0	0	1	0	6	2
2:45 PM - 3:00 PM	16	17	0	0	0	1	2	0
3:00 PM - 3:15 PM	22	19	0	0	0	0	1	2
3:15 PM - 3:30 PM	18	18	0	0	1	1	0	0
3:30 PM - 3:45 PM	9	13	0	0	0	0	2	0
3:45 PM - 4:00 PM	18	16	0	0	1	2	3	2
4:00 PM - 4:15 PM	15	20	0	0	2	1	5	2
4:15 PM - 4:30 PM	27	20	0	0	4	0	4	2
4:30 PM - 4:45 PM	22	22	0	0	2	3	1	1
4:45 PM - 5:00 PM	21	20	0	0	1	0	1	1
5:00 PM - 5:15 PM	19	15	0	0	1	1	0	0
5:15 PM - 5:30 PM	20	18	0	0	5	2	0	0
5:30 PM - 5:45 PM	24	31	0	0	0	2	3	4
5:45 PM - 6:00 PM	18	15	0	0	0	0	1	4
6:00 PM - 6:15 PM	9	16	0	0	0	1	3	3
6:15 PM - 6:30 PM	24	8	0	0	1	0	0	3
6:30 PM - 6:45 PM	14	29	0	0	0	0	1	1
6:45 PM - 7:00 PM	6	7	0	0	0	0	0	0

TABLE #2 - PARKING DATA

TIME	PARKING LOT	PARKING LOT
	# OF CARS PARKED	# OF BIKES PARKED
7:00 AM	5	0
7:15 AM	4	0
7:30 AM	3	0
7:45 AM	4	1
8:00 AM	10	0
8:15 AM	14	0
8:30 AM	6	0
8:45 AM	14	2
9:00 AM	15	0
9:15 AM	13	0
9:30 AM	14*	0*
9:45 AM	13	0
10:00 AM	8	0
10:15 AM	11	0
10:30 AM	13	0
10:45 AM	18	2
11:00 AM	25	2
11:15 AM	22	1
11:30 AM	21	1
11:45 AM	13	2
12:00 PM	14	3
12:15 PM	23	3
12:30 PM	18	3
12:45 PM	17	1
1:00 PM	18*	2*
1:15 PM	18	2
1:30 PM	20	1
1:45 PM	26	1
2:00 PM	25	1
2:15 PM	23	3
2:30 PM	13	1
2:45 PM	16	2
3:00 PM	13	1
3:15 PM	17	1
3:30 PM	17	1
3:45 PM	12	1
4:00 PM	16	0
4:15 PM	16	1
4:30 PM	17	3
4:45 PM	21	1
5:00 PM	17	1
5:15 PM	21	0
5:30 PM	22	3
5:45 PM	14	2
6:00 PM	20	1
6:15 PM	10	0
6:30 PM	22	0
6:45 PM	10	1
7:00 PM	6	0

FIELD DATA SHEET | THURSDAY (4/25/24)

TABLE #1 - TRIP GENERATION DATA

TIME	PARKING LOT							
	CARS IN	CARS OUT	TRUCKS IN	TRUCKS OUT	BIKES IN	BIKES OUT	PEDS IN	PEDS OUT
7:00 AM - 7:15 AM	10	5	0	0	0	0	0	0
7:15 AM - 7:30 AM	14	16	0	0	1	1	0	0
7:30 AM - 7:45 AM	10	14	0	0	1	0	1	0
7:45 AM - 8:00 AM	10	10	0	0	1	2	2	0
8:00 AM - 8:15 AM	9	7	0	0	1	1	3	3
8:15 AM - 8:30 AM	13	7	0	0	0	0	1	1
8:30 AM - 8:45 AM	17	18	0	0	2	0	3	1
8:45 AM - 9:00 AM	14	12	0	0	1	4	6	1
9:00 AM - 9:15 AM	10	15	0	0	0	0	5	2
9:15 AM - 9:30 AM	15	7	0	0	0	0	0	2
9:30 AM - 9:45 AM	14	13	0	0	0	0	2	1
9:45 AM - 10:00 AM	7	4	0	0	0	0	2	1
10:00 AM - 10:15 AM	19	14	0	0	1	0	0	0
10:15 AM - 10:30 AM	11	19	0	0	1	1	1	0
10:30 AM - 10:45 AM	14	13	1	1	0	0	0	0
10:45 AM - 11:00 AM	9	12	0	0	0	0	0	0
11:00 AM - 11:15 AM	13	13	0	0	1	0	0	0
11:15 AM - 11:30 AM	14	17	0	0	0	0	2	0
11:30 AM - 11:45 AM	17	11	0	0	0	0	1	0
11:45 AM - 12:00 PM	8	12	0	0	1	1	1	1
12:00 PM - 12:15 PM	17	14	0	0	0	0	0	1
12:15 PM - 12:30 PM	12	21	0	0	0	0	0	0
12:30 PM - 12:45 PM	20	19	0	0	0	0	0	0
12:45 PM - 1:00 PM	12	8	0	0	0	0	1	0
1:00 PM - 1:15 PM	30	19	0	0	0	0	1	0
1:15 PM - 1:30 PM	13	27	0	0	0	0	1	0
1:30 PM - 1:45 PM	19	17	0	0	0	0	2	1
1:45 PM - 2:00 PM	20	21	0	0	0	0	1	3
2:00 PM - 2:15 PM	14	20	0	0	0	0	1	1
2:15 PM - 2:30 PM	15	13	0	0	0	0	5	4
2:30 PM - 2:45 PM	24	15	0	0	0	0	5	0
2:45 PM - 3:00 PM	16	14	0	0	0	0	0	0
3:00 PM - 3:15 PM	22	27	0	0	0	0	1	2
3:15 PM - 3:30 PM	35	25	0	0	0	0	0	0
3:30 PM - 3:45 PM	25	20	0	0	0	0	3	0
3:45 PM - 4:00 PM	27	29	0	0	0	0	0	0
4:00 PM - 4:15 PM	20	24	0	0	0	1	5	1
4:15 PM - 4:30 PM	22	22	0	0	1	0	2	5
4:30 PM - 4:45 PM	24	19	0	0	2	1	3	0
4:45 PM - 5:00 PM	29	23	0	0	0	0	5	7
5:00 PM - 5:15 PM	25	25	0	0	1	3	2	2
5:15 PM - 5:30 PM	22	25	0	0	4	2	6	4
5:30 PM - 5:45 PM	26	19	0	0	1	3	4	2
5:45 PM - 6:00 PM	21	22	0	0	4	4	0	2
6:00 PM - 6:15 PM	16	22	0	0	2	0	3	3
6:15 PM - 6:30 PM	20	13	0	0	0	0	6	3
6:30 PM - 6:45 PM	15	20	0	0	0	0	0	2
6:45 PM - 7:00 PM	16	17	0	0	0	0	3	3

TABLE #2 - PARKING DATA

TIME	PARKING LOT	PARKING LOT
	# OF CARS PARKED	# OF BIKES PARKED
7:00 AM	2	0
7:15 AM	6	0
7:30 AM	7	0
7:45 AM	5	0
8:00 AM	6	0
8:15 AM	7	1
8:30 AM	13	1
8:45 AM	10	1
9:00 AM	14	0
9:15 AM	3	0
9:30 AM	15	0
9:45 AM	12	0
10:00 AM	13	0
10:15 AM	12*	1*
10:30 AM	13	0
10:45 AM	20	1
11:00 AM	13	1
11:15 AM	18	1
11:30 AM	17	1
11:45 AM	25	2
12:00 PM	22	1
12:15 PM	26	1
12:30 PM	22	1
12:45 PM	18	1
1:00 PM	25	1
1:15 PM	31	1
1:30 PM	20	1
1:45 PM	21	1
2:00 PM	17	0
2:15 PM	23	0
2:30 PM	23*	0*
2:45 PM	23	0
3:00 PM	20	0
3:15 PM	17	1
3:30 PM	23	1
3:45 PM	24	1
4:00 PM	22	1
4:15 PM	22	0
4:30 PM	21	1
4:45 PM	25	0
5:00 PM	26	0
5:15 PM	23	1
5:30 PM	18	3
5:45 PM	21	1
6:00 PM	15	1
6:15 PM	9	1
6:30 PM	13	1
6:45 PM	15	1
7:00 PM	13	1