

Appendix A:

Scoping Meeting Notes

HT#H17D002A
received 7/27/2021

Agenda for 2500 Carlisle Scoping Meeting

May 4, 2021

-Meeting Notes in Red-

Attendees:

Matt Grush – City of Albuquerque

~~Jeanne Wolfenbarger – City of Albuquerque~~

Brad Julian – NMDOT

~~Nancy Perea – NMDOT~~

Kent Beierle - Equiterra

Jonathon Kruse – Lee Engineering

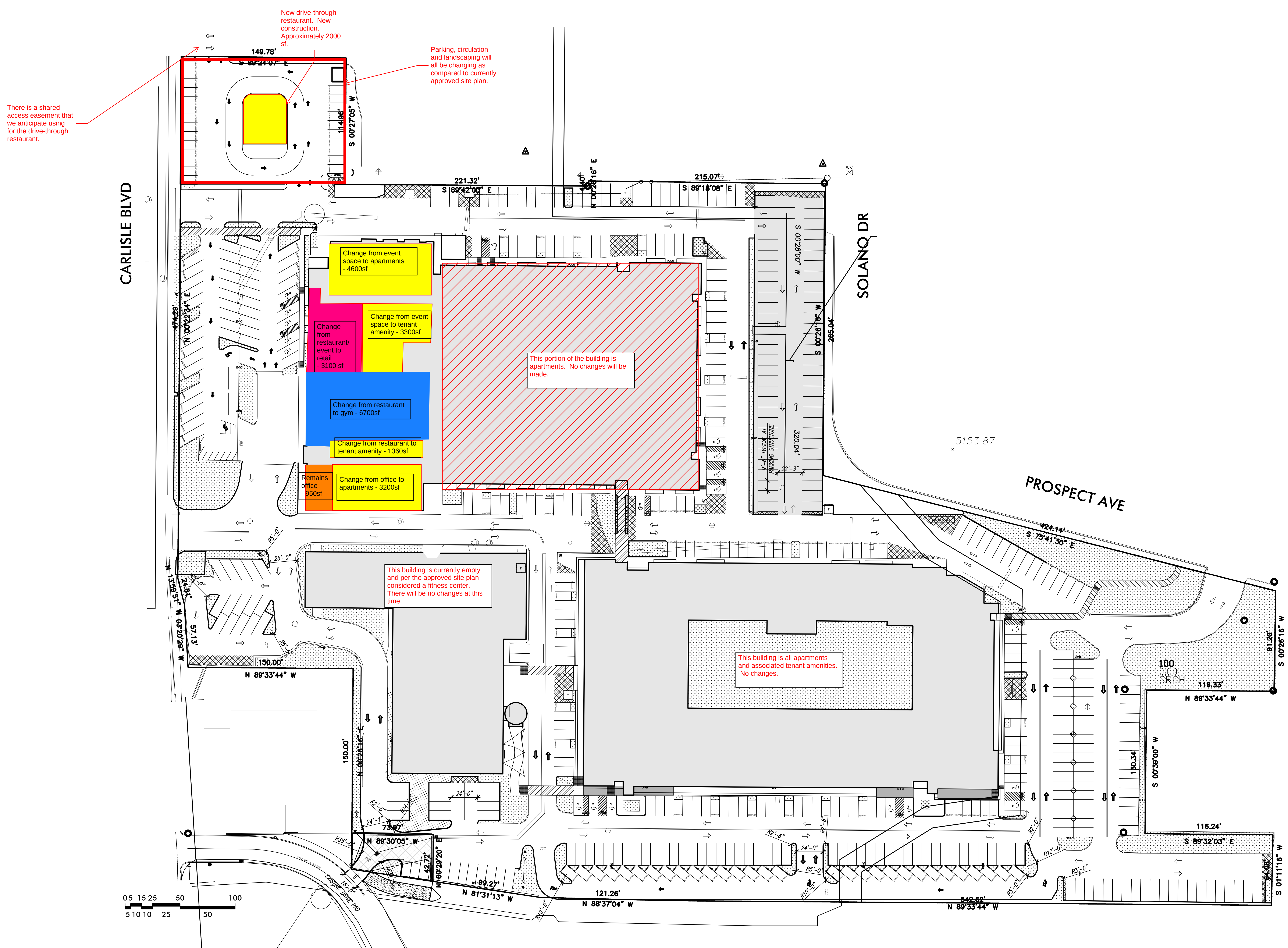
Marco Barraza – Lee Engineering

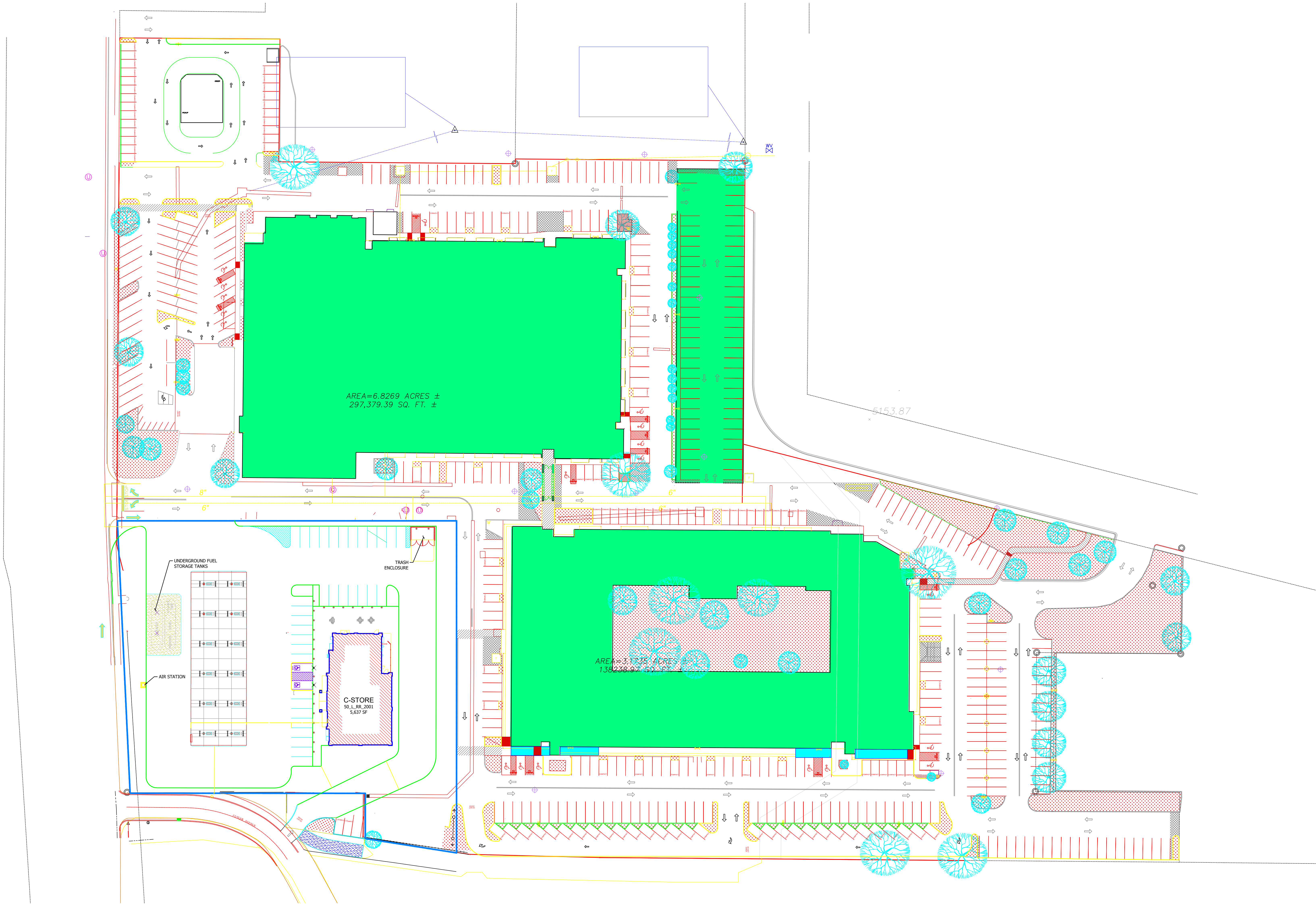
~~Margaret Haynes – Lee Engineering~~

Delcie Dobrovolsky – Equiterra

1. Introductions
2. Review of Site Plan
 - a. Site Plan & land Uses
3. Discussion of Scope for TIS
 - a. Study Intersections
 - i. Site Driveways
 - ii. Menaul Blvd & Carlisle Blvd
 - iii. Carlisle Blvd & Prospect Ave
 - iv. Carlisle Blvd & Cutler Ave
 - v. Carlisle Blvd & I-40 WB
 - vi. **Carlisle Blvd & I-40 EB**
 - vii. **Menaul Blvd & Solano**
 - viii. **Solano & Prospect**
 - b. Data Collection
 - i. Site Driveways
 1. **Prospect & Carlisle**
 - ii. Menaul Blvd & Carlisle Blvd
 - iii. Carlisle Blvd & Prospect Ave
 - iv. Carlisle Blvd & Cutler Ave
 - v. Carlisle Blvd & I-40 WB
 1. Use for COVID adjustment with 2019 LEE count data
 - vi. **Carlisle Blvd & I-40 EB**
 - vii. **Menaul Blvd & Solano**
 - viii. **Solano & Prospect**
 - c. Trip Generation, Pass By, & Internal Capture
 - i. Trip Generation Manual (10th Edition) Land Use – See attached spreadsheet
 1. Report to show 4 lane uses and distributions in separate figures
 - ii. Pass-by trips
 - iii. No Internal Capture
 - iv. Trips distributed based on existing traffic patterns of Carlisle Blvd & **Solano**
 - d. Known Developments or Pending Improvements in Area:

- i. **Kmart South of I-40 (Modulus Architects)**
- e. Build-out Year and Growth Rate
 - i. Build-Out Year (2022)
 - 1. Will look at MRCOG Model Projections and calculate growth rate (if any), otherwise will assume 1% growth per year.
- f. Analysis scenarios
 - i. Existing Conditions
 - ii. Opening Year Background (No Build)
 - iii. Opening Year Buildout (Full Build)
 - iv. Opening Year Buildout Optimized (if required)
 - 1. All scenarios with existing signal timings except opening year buildout optimized.
- g. Required Analysis & Methodology
 - i. LOS Capacity analysis based on HCM 6th Edition (HCS)
 - 1. Will use balanced volumes on Carlisle Blvd
 - ii. 95th Percentile Queue demands (HCS)
 - 1. Capacity & Queueing for network peak rather than individual intersection peaks
 - iii. **Interchange Methodology for I-40 Intersections**
 - iv. Auxiliary Lane Analysis
 - v. Sight Distance Analysis at Proposed Driveways
 - ~~vi. **No Safety (Crash) Summary-3 Year Summary**~~
 - 1. **Carlisle & Menaul**
 - 2. **I-40 EB & WB**
 - 3. **IHSDM Predictive Crash**
- 4. Agency Input (Comments & Issues)
- 5. Meeting Notes (distributed by Lee Engineering)





Appendix B:

Turning Movement Count Sheets



Lee Engineering, LLC
Phoenix, Arizona - Dallas, Texas
Oklahoma City, Oklahoma - San Antonio, Texas
Albuquerque, New Mexico, United States
jkruse@lee-eng.com

Count Name: NM299.03
Site Code: SCUAWV
Start Date: 05/18/2021
Page No: 1

Turning Movement Data

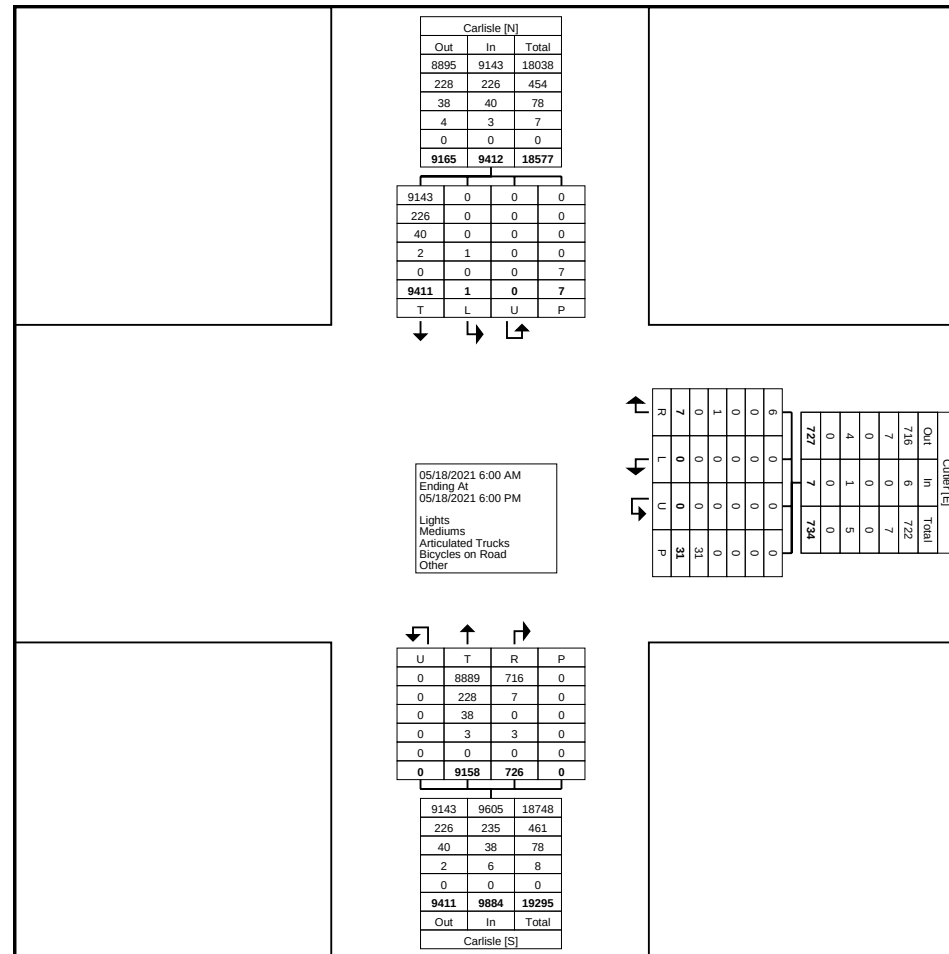
Start Time	Carlisle Southbound					Cutler Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
6:00 AM	69	0	0	0	69	0	0	0	0	0	4	87	0	0	91	160
6:15 AM	92	0	0	1	92	0	0	0	3	0	3	95	0	0	98	190
6:30 AM	118	0	0	0	118	0	0	0	0	0	5	139	0	0	144	262
6:45 AM	137	0	0	1	137	0	0	0	1	0	6	170	0	0	176	313
Hourly Total	416	0	0	2	416	0	0	0	4	0	18	491	0	0	509	925
7:00 AM	161	0	0	0	161	0	0	0	0	0	15	149	0	0	164	325
7:15 AM	166	0	0	0	166	0	0	0	1	0	15	176	0	0	191	357
7:30 AM	197	0	0	0	197	1	0	0	1	1	25	257	0	0	282	480
7:45 AM	232	0	0	0	232	0	0	0	1	0	42	285	0	0	327	559
Hourly Total	756	0	0	0	756	1	0	0	3	1	97	867	0	0	964	1721
8:00 AM	207	0	0	0	207	1	0	0	0	1	48	261	0	0	309	517
8:15 AM	183	0	0	0	183	0	0	0	0	0	16	212	0	0	228	411
8:30 AM	200	0	0	0	200	0	0	0	0	0	19	241	0	0	260	460
8:45 AM	200	0	0	0	200	0	0	0	0	0	8	258	0	0	266	466
Hourly Total	790	0	0	0	790	1	0	0	0	1	91	972	0	0	1063	1854
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	259	0	0	0	259	1	0	0	0	1	12	254	0	0	266	526
11:15 AM	237	0	0	0	237	0	0	0	0	0	19	242	0	0	261	498
11:30 AM	292	0	0	0	292	0	0	0	0	0	15	256	0	0	271	563
11:45 AM	278	0	0	0	278	0	0	0	1	0	19	295	0	0	314	592
Hourly Total	1066	0	0	0	1066	1	0	0	1	1	65	1047	0	0	1112	2179
12:00 PM	264	1	0	0	265	0	0	0	2	0	23	300	0	0	323	588
12:15 PM	316	0	0	0	316	0	0	0	1	0	17	283	0	0	300	616
12:30 PM	285	0	0	2	285	1	0	0	2	1	22	283	0	0	305	591
12:45 PM	324	0	0	0	324	1	0	0	0	1	17	293	0	0	310	635
Hourly Total	1189	1	0	2	1190	2	0	0	5	2	79	1159	0	0	1238	2430
1:00 PM	305	0	0	0	305	0	0	0	0	0	12	266	0	0	278	583
1:15 PM	274	0	0	0	274	0	0	0	2	0	19	272	0	0	291	565
1:30 PM	257	0	0	0	257	1	0	0	1	1	9	252	0	0	261	519
1:45 PM	290	0	0	0	290	0	0	0	0	0	16	240	0	0	256	546
Hourly Total	1126	0	0	0	1126	1	0	0	3	1	56	1030	0	0	1086	2213
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	322	0	0	0	322	0	0	0	3	0	28	332	0	0	360	682
3:15 PM	299	0	0	0	299	0	0	0	1	0	42	301	0	0	343	642
3:30 PM	313	0	0	0	313	0	0	0	1	0	32	319	0	0	351	664
3:45 PM	333	0	0	0	333	0	0	0	3	0	28	327	0	0	355	688

Hourly Total	1267	0	0	0	1267	0	0	0	8	0	130	1279	0	0	1409	2676
4:00 PM	350	0	0	1	350	0	0	0	1	0	19	345	0	0	364	714
4:15 PM	367	0	0	1	367	0	0	0	2	0	39	301	0	0	340	707
4:30 PM	383	0	0	0	383	0	0	0	1	0	21	323	0	0	344	727
4:45 PM	348	0	0	0	348	1	0	0	0	1	14	277	0	0	291	640
Hourly Total	1448	0	0	2	1448	1	0	0	4	1	93	1246	0	0	1339	2788
5:00 PM	405	0	0	0	405	0	0	0	2	0	19	291	0	0	310	715
5:15 PM	342	0	0	0	342	0	0	0	0	0	25	308	0	0	333	675
5:30 PM	343	0	0	1	343	0	0	0	1	0	27	253	0	0	280	623
5:45 PM	263	0	0	0	263	0	0	0	0	0	26	215	0	0	241	504
Hourly Total	1353	0	0	1	1353	0	0	0	3	0	97	1067	0	0	1164	2517
Grand Total	9411	1	0	7	9412	7	0	0	31	7	726	9158	0	0	9884	19303
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	7.3	92.7	0.0	-	-	-
Total %	48.8	0.0	0.0	-	48.8	0.0	0.0	0.0	-	0.0	3.8	47.4	0.0	-	51.2	-
Lights	9143	0	0	-	9143	6	0	0	-	6	716	8889	0	-	9605	18754
% Lights	97.2	0.0	-	-	97.1	85.7	-	-	-	85.7	98.6	97.1	-	-	97.2	97.2
Mediums	226	0	0	-	226	0	0	0	-	0	7	228	0	-	235	461
% Mediums	2.4	0.0	-	-	2.4	0.0	-	-	-	0.0	1.0	2.5	-	-	2.4	2.4
Articulated Trucks	40	0	0	-	40	0	0	0	-	0	0	38	0	-	38	78
% Articulated Trucks	0.4	0.0	-	-	0.4	0.0	-	-	-	0.0	0.0	0.4	-	-	0.4	0.4
Bicycles on Road	2	1	0	-	3	1	0	0	-	1	3	3	0	-	6	10
% Bicycles on Road	0.0	100.0	-	-	0.0	14.3	-	-	-	14.3	0.4	0.0	-	-	0.1	0.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	4	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	12.9	-	-	-	-	-	-	-
Pedestrians	-	-	-	7	-	-	-	-	27	-	-	-	-	0	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	87.1	-	-	-	-	-	-	-



Lee Engineering, LLC
 Phoenix, Arizona - Dallas, Texas
 Oklahoma City, Oklahoma - San Antonio, Texas
 Albuquerque, New Mexico, United States
 jkruse@lee-eng.com

Count Name: NM299.03
 Site Code: SCUAWV
 Start Date: 05/18/2021
 Page No: 3



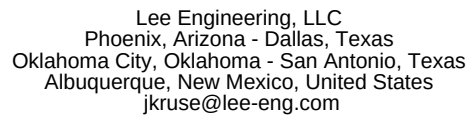


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 Page No: 4

Turning Movement Peak Hour Data (7:30 AM)

Start Time	Carlisle Southbound					Cutler Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
7:30 AM	197	0	0	0	197	1	0	0	1	1	25	257	0	0	282	480
7:45 AM	232	0	0	0	232	0	0	0	1	0	42	285	0	0	327	559
8:00 AM	207	0	0	0	207	1	0	0	0	1	48	261	0	0	309	517
8:15 AM	183	0	0	0	183	0	0	0	0	0	16	212	0	0	228	411
Total	819	0	0	0	819	2	0	0	2	2	131	1015	0	0	1146	1967
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	11.4	88.6	0.0	-	-	-
Total %	41.6	0.0	0.0	-	41.6	0.1	0.0	0.0	-	0.1	6.7	51.6	0.0	-	58.3	-
PHF	0.883	0.000	0.000	-	0.883	0.500	0.000	0.000	-	0.500	0.682	0.890	0.000	-	0.876	0.880
Lights	793	0	0	-	793	2	0	0	-	2	129	986	0	-	1115	1910
% Lights	96.8	-	-	-	96.8	100.0	-	-	-	100.0	98.5	97.1	-	-	97.3	97.1
Mediums	20	0	0	-	20	0	0	0	-	0	2	24	0	-	26	46
% Mediums	2.4	-	-	-	2.4	0.0	-	-	-	0.0	1.5	2.4	-	-	2.3	2.3
Articulated Trucks	6	0	0	-	6	0	0	0	-	0	0	4	0	-	4	10
% Articulated Trucks	0.7	-	-	-	0.7	0.0	-	-	-	0.0	0.0	0.4	-	-	0.3	0.5
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	1	0	-	1	1
% Bicycles on Road	0.0	-	-	-	0.0	0.0	-	-	-	0.0	0.0	0.1	-	-	0.1	0.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	2	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-



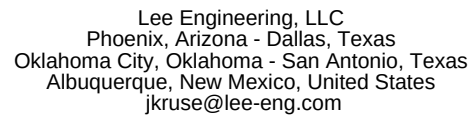


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Count Name: NM299.03
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 Page No: 6

Turning Movement Peak Hour Data (11:00 AM)

Start Time	Carlisle Southbound					Cutler Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
11:00 AM	259	0	0	0	259	1	0	0	0	1	12	254	0	0	266	526
11:15 AM	237	0	0	0	237	0	0	0	0	0	19	242	0	0	261	498
11:30 AM	292	0	0	0	292	0	0	0	0	0	15	256	0	0	271	563
11:45 AM	278	0	0	0	278	0	0	0	1	0	19	295	0	0	314	592
Total	1066	0	0	0	1066	1	0	0	1	1	65	1047	0	0	1112	2179
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	5.8	94.2	0.0	-	-	-
Total %	48.9	0.0	0.0	-	48.9	0.0	0.0	0.0	-	0.0	3.0	48.0	0.0	-	51.0	-
PHF	0.913	0.000	0.000	-	0.913	0.250	0.000	0.000	-	0.250	0.855	0.887	0.000	-	0.885	0.920
Lights	1036	0	0	-	1036	1	0	0	-	1	64	1013	0	-	1077	2114
% Lights	97.2	-	-	-	97.2	100.0	-	-	-	100.0	98.5	96.8	-	-	96.9	97.0
Mediums	25	0	0	-	25	0	0	0	-	0	0	26	0	-	26	51
% Mediums	2.3	-	-	-	2.3	0.0	-	-	-	0.0	0.0	2.5	-	-	2.3	2.3
Articulated Trucks	5	0	0	-	5	0	0	0	-	0	0	7	0	-	7	12
% Articulated Trucks	0.5	-	-	-	0.5	0.0	-	-	-	0.0	0.0	0.7	-	-	0.6	0.6
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	1	1	0	-	2	2
% Bicycles on Road	0.0	-	-	-	0.0	0.0	-	-	-	0.0	1.5	0.1	-	-	0.2	0.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	1	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-



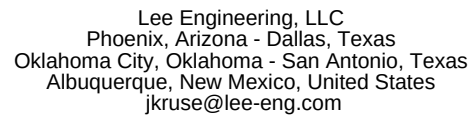


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Count Name: NM299.03
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 Page No: 8

Turning Movement Peak Hour Data (12:00 PM)

Start Time	Carlisle Southbound					Cutler Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
12:00 PM	264	1	0	0	265	0	0	0	2	0	23	300	0	0	323	588
12:15 PM	316	0	0	0	316	0	0	0	1	0	17	283	0	0	300	616
12:30 PM	285	0	0	2	285	1	0	0	2	1	22	283	0	0	305	591
12:45 PM	324	0	0	0	324	1	0	0	0	1	17	293	0	0	310	635
Total	1189	1	0	2	1190	2	0	0	5	2	79	1159	0	0	1238	2430
Approach %	99.9	0.1	0.0	-	-	100.0	0.0	0.0	-	-	6.4	93.6	0.0	-	-	-
Total %	48.9	0.0	0.0	-	49.0	0.1	0.0	0.0	-	0.1	3.3	47.7	0.0	-	50.9	-
PHF	0.917	0.250	0.000	-	0.918	0.500	0.000	0.000	-	0.500	0.859	0.966	0.000	-	0.958	0.957
Lights	1153	0	0	-	1153	2	0	0	-	2	78	1128	0	-	1206	2361
% Lights	97.0	0.0	-	-	96.9	100.0	-	-	-	100.0	98.7	97.3	-	-	97.4	97.2
Mediums	27	0	0	-	27	0	0	0	-	0	0	27	0	-	27	54
% Mediums	2.3	0.0	-	-	2.3	0.0	-	-	-	0.0	0.0	2.3	-	-	2.2	2.2
Articulated Trucks	8	0	0	-	8	0	0	0	-	0	0	4	0	-	4	12
% Articulated Trucks	0.7	0.0	-	-	0.7	0.0	-	-	-	0.0	0.0	0.3	-	-	0.3	0.5
Bicycles on Road	1	1	0	-	2	0	0	0	-	0	1	0	0	-	1	3
% Bicycles on Road	0.1	100.0	-	-	0.2	0.0	-	-	-	0.0	1.3	0.0	-	-	0.1	0.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	0.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	2	-	-	-	-	5	-	-	-	-	0	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	-	-	-





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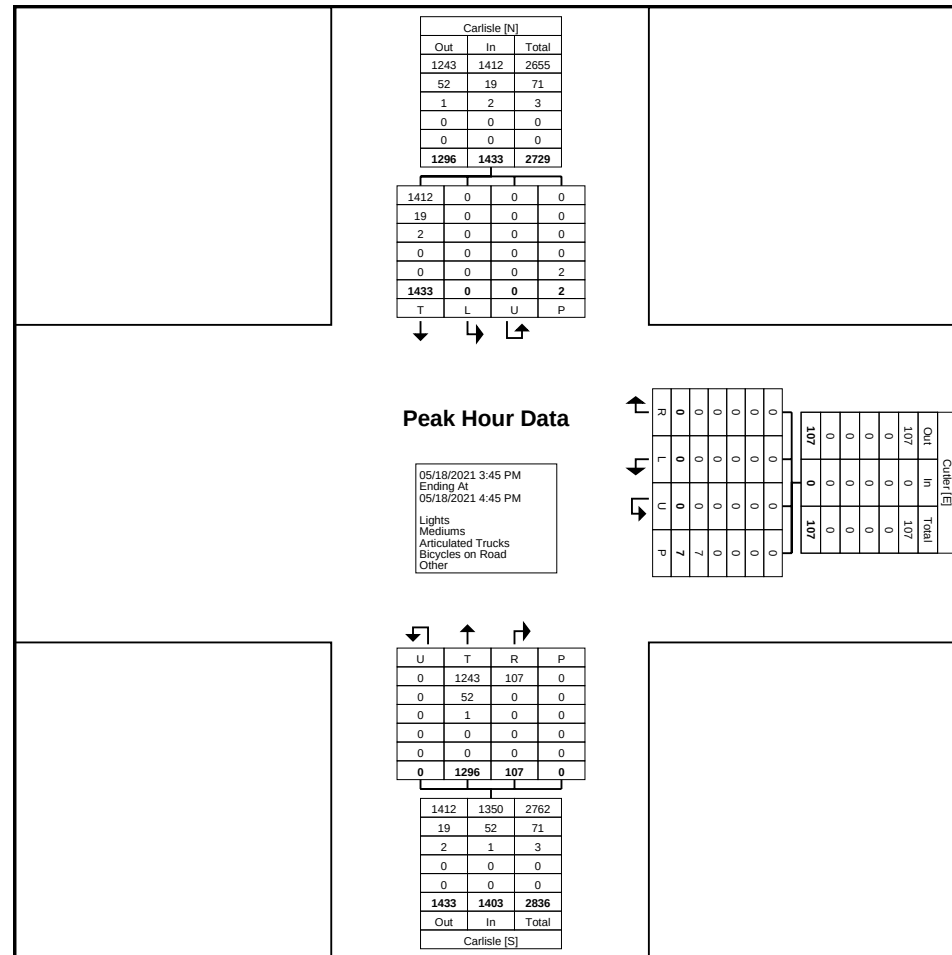
Turning Movement Peak Hour Data (3:45 PM)

Start Time	Carlisle Southbound					Cutler Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
3:45 PM	333	0	0	0	333	0	0	0	3	0	28	327	0	0	355	688
4:00 PM	350	0	0	1	350	0	0	0	1	0	19	345	0	0	364	714
4:15 PM	367	0	0	1	367	0	0	0	2	0	39	301	0	0	340	707
4:30 PM	383	0	0	0	383	0	0	0	1	0	21	323	0	0	344	727
Total	1433	0	0	2	1433	0	0	0	7	0	107	1296	0	0	1403	2836
Approach %	100.0	0.0	0.0	-	-	0.0	0.0	0.0	-	-	7.6	92.4	0.0	-	-	-
Total %	50.5	0.0	0.0	-	50.5	0.0	0.0	0.0	-	0.0	3.8	45.7	0.0	-	49.5	-
PHF	0.935	0.000	0.000	-	0.935	0.000	0.000	0.000	-	0.000	0.686	0.939	0.000	-	0.964	0.975
Lights	1412	0	0	-	1412	0	0	0	-	0	107	1243	0	-	1350	2762
% Lights	98.5	-	-	-	98.5	-	-	-	-	-	100.0	95.9	-	-	96.2	97.4
Mediums	19	0	0	-	19	0	0	0	-	0	0	52	0	-	52	71
% Mediums	1.3	-	-	-	1.3	-	-	-	-	-	0.0	4.0	-	-	3.7	2.5
Articulated Trucks	2	0	0	-	2	0	0	0	-	0	0	1	0	-	1	3
% Articulated Trucks	0.1	-	-	-	0.1	-	-	-	-	-	0.0	0.1	-	-	0.1	0.1
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	0.0	-	-	-	0.0	-	-	-	-	-	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	3	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	42.9	-	-	-	-	-	-	-
Pedestrians	-	-	-	2	-	-	-	-	4	-	-	-	-	0	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	57.1	-	-	-	-	-	-	-



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Count Name: NM299.03
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Start Date: 05/18/2021
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Turning Movement Peak Hour Data Plot (3:45 PM)



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Count Name: NM299.03
Site Code: SCU962
Start Date: 05/18/2021
Page No: 1

Turning Movement Data

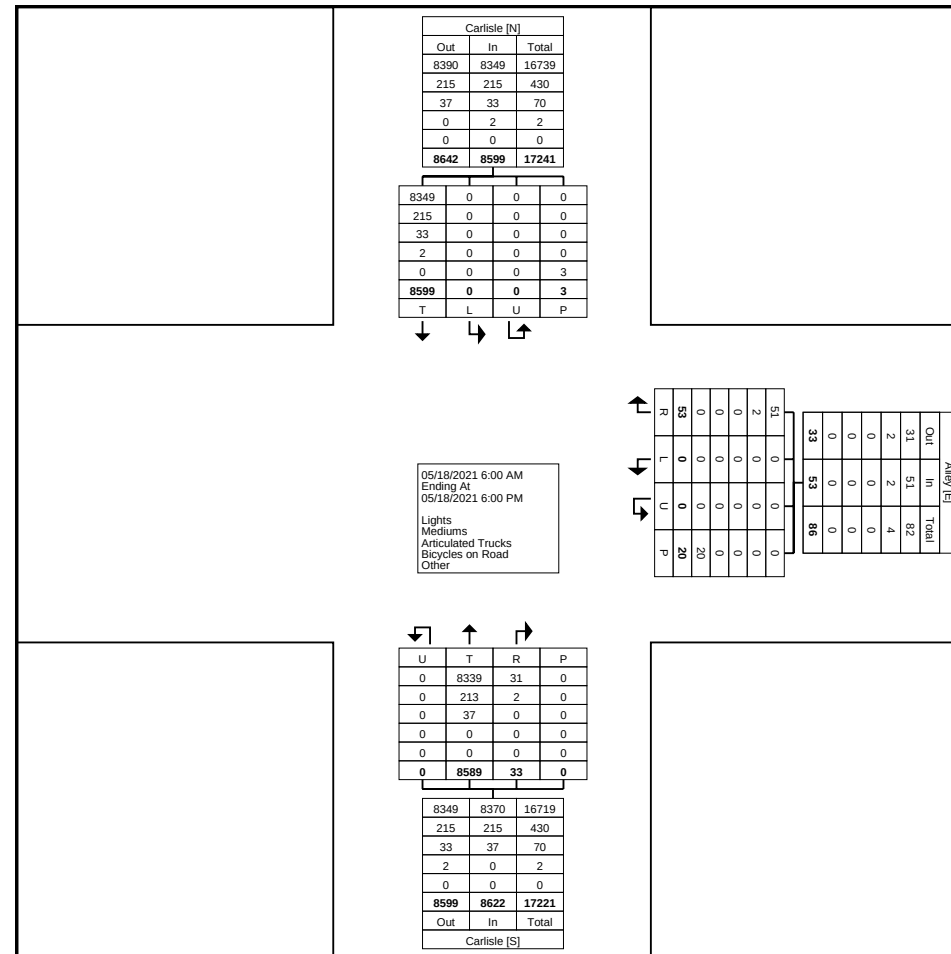
Start Time	Carlisle Southbound					Alley Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
6:00 AM	63	0	0	0	63	0	0	0	0	0	0	90	0	0	90	153
6:15 AM	79	0	0	0	79	0	0	0	0	0	0	79	0	0	79	158
6:30 AM	107	0	0	0	107	0	0	0	0	0	0	125	0	0	125	232
6:45 AM	96	0	0	0	96	0	0	0	1	0	0	152	0	0	152	248
Hourly Total	345	0	0	0	345	0	0	0	1	0	0	446	0	0	446	791
7:00 AM	143	0	0	0	143	0	0	0	0	0	0	129	0	0	129	272
7:15 AM	146	0	0	0	146	1	0	0	0	1	1	151	0	0	152	299
7:30 AM	163	0	0	0	163	0	0	0	0	0	0	229	0	0	229	392
7:45 AM	206	0	0	0	206	1	0	0	0	1	1	275	0	0	276	483
Hourly Total	658	0	0	0	658	2	0	0	0	2	2	784	0	0	786	1446
8:00 AM	190	0	0	0	190	0	0	0	0	0	0	247	0	0	247	437
8:15 AM	168	0	0	0	168	1	0	0	1	1	1	196	0	0	197	366
8:30 AM	182	0	0	1	182	1	0	0	0	1	1	213	0	0	214	397
8:45 AM	175	0	0	0	175	0	0	0	0	0	1	244	0	0	245	420
Hourly Total	715	0	0	1	715	2	0	0	1	2	3	900	0	0	903	1620
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	219	0	0	0	219	1	0	0	1	1	3	242	0	0	245	465
11:15 AM	235	0	0	0	235	4	0	0	0	4	0	231	0	0	231	470
11:30 AM	260	0	0	2	260	1	0	0	2	1	1	247	0	0	248	509
11:45 AM	262	0	0	0	262	1	0	0	1	1	1	275	0	0	276	539
Hourly Total	976	0	0	2	976	7	0	0	4	7	5	995	0	0	1000	1983
12:00 PM	236	0	0	0	236	0	0	0	1	0	3	247	0	0	250	486
12:15 PM	267	0	0	0	267	2	0	0	0	2	0	269	0	0	269	538
12:30 PM	251	0	0	0	251	1	0	0	0	1	0	269	0	0	269	521
12:45 PM	300	0	0	0	300	3	0	0	0	3	0	261	0	0	261	564
Hourly Total	1054	0	0	0	1054	6	0	0	1	6	3	1046	0	0	1049	2109
1:00 PM	265	0	0	0	265	1	0	0	1	1	1	268	0	0	269	535
1:15 PM	265	0	0	0	265	3	0	0	0	3	0	259	0	0	259	527
1:30 PM	225	0	0	0	225	2	0	0	0	2	2	245	0	0	247	474
1:45 PM	270	0	0	0	270	0	0	0	0	0	0	245	0	0	245	515
Hourly Total	1025	0	0	0	1025	6	0	0	1	6	3	1017	0	0	1020	2051
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	307	0	0	0	307	2	0	0	4	2	1	315	0	0	316	625
3:15 PM	305	0	0	0	305	4	0	0	1	4	3	278	0	0	281	590
3:30 PM	283	0	0	0	283	3	0	0	3	3	1	303	0	0	304	590
3:45 PM	339	0	0	0	339	3	0	0	1	3	1	295	0	0	296	638

Hourly Total	1234	0	0	0	1234	12	0	0	9	12	6	1191	0	0	1197	2443
4:00 PM	311	0	0	0	311	0	0	0	2	0	0	326	0	0	326	637
4:15 PM	337	0	0	0	337	4	0	0	1	4	0	301	0	0	301	642
4:30 PM	351	0	0	0	351	2	0	0	0	2	3	292	0	0	295	648
4:45 PM	330	0	0	0	330	3	0	0	0	3	1	290	0	0	291	624
Hourly Total	1329	0	0	0	1329	9	0	0	3	9	4	1209	0	0	1213	2551
5:00 PM	351	0	0	0	351	3	0	0	0	3	2	257	0	0	259	613
5:15 PM	343	0	0	0	343	2	0	0	0	2	0	269	0	0	269	614
5:30 PM	305	0	0	0	305	3	0	0	0	3	3	260	0	0	263	571
5:45 PM	264	0	0	0	264	1	0	0	0	1	2	215	0	0	217	482
Hourly Total	1263	0	0	0	1263	9	0	0	0	9	7	1001	0	0	1008	2280
Grand Total	8599	0	0	3	8599	53	0	0	20	53	33	8589	0	0	8622	17274
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	0.4	99.6	0.0	-	-	-
Total %	49.8	0.0	0.0	-	49.8	0.3	0.0	0.0	-	0.3	0.2	49.7	0.0	-	49.9	-
Lights	8349	0	0	-	8349	51	0	0	-	51	31	8339	0	-	8370	16770
% Lights	97.1	-	-	-	97.1	96.2	-	-	-	96.2	93.9	97.1	-	-	97.1	97.1
Mediums	215	0	0	-	215	2	0	0	-	2	2	213	0	-	215	432
% Mediums	2.5	-	-	-	2.5	3.8	-	-	-	3.8	6.1	2.5	-	-	2.5	2.5
Articulated Trucks	33	0	0	-	33	0	0	0	-	0	0	37	0	-	37	70
% Articulated Trucks	0.4	-	-	-	0.4	0.0	-	-	-	0.0	0.0	0.4	-	-	0.4	0.4
Bicycles on Road	2	0	0	-	2	0	0	0	-	0	0	0	0	-	0	2
% Bicycles on Road	0.0	-	-	-	0.0	0.0	-	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	4	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	20.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	3	-	-	-	-	16	-	-	-	-	0	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	80.0	-	-	-	-	-	-	-



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Count Name: NM299.03
 Site Code: SCU962
 Start Date: 05/18/2021
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Turning Movement Data Plot

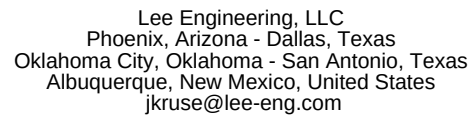


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Count Name: NM299.03
 Site Code: SCU962
 Start Date: 05/18/2021
 Page No: 4

Turning Movement Peak Hour Data (7:45 AM)

Start Time	Carlisle Southbound					Alley Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
7:45 AM	206	0	0	0	206	1	0	0	0	1	1	275	0	0	276	483
8:00 AM	190	0	0	0	190	0	0	0	0	0	0	247	0	0	247	437
8:15 AM	168	0	0	0	168	1	0	0	1	1	1	196	0	0	197	366
8:30 AM	182	0	0	1	182	1	0	0	0	1	1	213	0	0	214	397
Total	746	0	0	1	746	3	0	0	1	3	3	931	0	0	934	1683
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	0.3	99.7	0.0	-	-	-
Total %	44.3	0.0	0.0	-	44.3	0.2	0.0	0.0	-	0.2	0.2	55.3	0.0	-	55.5	-
PHF	0.905	0.000	0.000	-	0.905	0.750	0.000	0.000	-	0.750	0.750	0.846	0.000	-	0.846	0.871
Lights	725	0	0	-	725	3	0	0	-	3	3	900	0	-	903	1631
% Lights	97.2	-	-	-	97.2	100.0	-	-	-	100.0	100.0	96.7	-	-	96.7	96.9
Mediums	18	0	0	-	18	0	0	0	-	0	0	29	0	-	29	47
% Mediums	2.4	-	-	-	2.4	0.0	-	-	-	0.0	0.0	3.1	-	-	3.1	2.8
Articulated Trucks	3	0	0	-	3	0	0	0	-	0	0	2	0	-	2	5
% Articulated Trucks	0.4	-	-	-	0.4	0.0	-	-	-	0.0	0.0	0.2	-	-	0.2	0.3
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	0.0	-	-	-	0.0	0.0	-	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	0.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	1	-	-	-	-	1	-	-	-	-	0	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	-	-	-



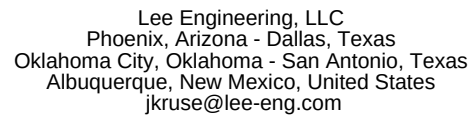


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Count Name: NM299.03
 Site Code: SCU962
 Start Date: 05/18/2021
 Page No: 6

Turning Movement Peak Hour Data (11:00 AM)

Start Time	Carlisle Southbound					Alley Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
11:00 AM	219	0	0	0	219	1	0	0	1	1	3	242	0	0	245	465
11:15 AM	235	0	0	0	235	4	0	0	0	4	0	231	0	0	231	470
11:30 AM	260	0	0	2	260	1	0	0	2	1	1	247	0	0	248	509
11:45 AM	262	0	0	0	262	1	0	0	1	1	1	275	0	0	276	539
Total	976	0	0	2	976	7	0	0	4	7	5	995	0	0	1000	1983
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	0.5	99.5	0.0	-	-	-
Total %	49.2	0.0	0.0	-	49.2	0.4	0.0	0.0	-	0.4	0.3	50.2	0.0	-	50.4	-
PHF	0.931	0.000	0.000	-	0.931	0.438	0.000	0.000	-	0.438	0.417	0.905	0.000	-	0.906	0.920
Lights	950	0	0	-	950	7	0	0	-	7	5	965	0	-	970	1927
% Lights	97.3	-	-	-	97.3	100.0	-	-	-	100.0	100.0	97.0	-	-	97.0	97.2
Mediums	22	0	0	-	22	0	0	0	-	0	0	23	0	-	23	45
% Mediums	2.3	-	-	-	2.3	0.0	-	-	-	0.0	0.0	2.3	-	-	2.3	2.3
Articulated Trucks	4	0	0	-	4	0	0	0	-	0	0	7	0	-	7	11
% Articulated Trucks	0.4	-	-	-	0.4	0.0	-	-	-	0.0	0.0	0.7	-	-	0.7	0.6
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	0.0	-	-	-	0.0	0.0	-	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	3	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	75.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	2	-	-	-	-	1	-	-	-	-	0	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	25.0	-	-	-	-	-	-	-



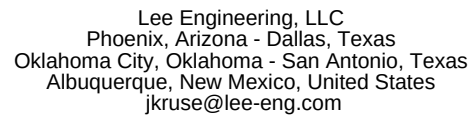


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Count Name: NM299.03
 Site Code: SCU962
 Start Date: 05/18/2021
 Page No: 8

Turning Movement Peak Hour Data (12:15 PM)

Start Time	Carlisle Southbound					Alley Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
12:15 PM	267	0	0	0	267	2	0	0	0	2	0	269	0	0	269	538
12:30 PM	251	0	0	0	251	1	0	0	0	1	0	269	0	0	269	521
12:45 PM	300	0	0	0	300	3	0	0	0	3	0	261	0	0	261	564
1:00 PM	265	0	0	0	265	1	0	0	1	1	1	268	0	0	269	535
Total	1083	0	0	0	1083	7	0	0	1	7	1	1067	0	0	1068	2158
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	0.1	99.9	0.0	-	-	-
Total %	50.2	0.0	0.0	-	50.2	0.3	0.0	0.0	-	0.3	0.0	49.4	0.0	-	49.5	-
PHF	0.903	0.000	0.000	-	0.903	0.583	0.000	0.000	-	0.583	0.250	0.992	0.000	-	0.993	0.957
Lights	1042	0	0	-	1042	5	0	0	-	5	1	1037	0	-	1038	2085
% Lights	96.2	-	-	-	96.2	71.4	-	-	-	71.4	100.0	97.2	-	-	97.2	96.6
Mediums	35	0	0	-	35	2	0	0	-	2	0	27	0	-	27	64
% Mediums	3.2	-	-	-	3.2	28.6	-	-	-	28.6	0.0	2.5	-	-	2.5	3.0
Articulated Trucks	5	0	0	-	5	0	0	0	-	0	0	3	0	-	3	8
% Articulated Trucks	0.5	-	-	-	0.5	0.0	-	-	-	0.0	0.0	0.3	-	-	0.3	0.4
Bicycles on Road	1	0	0	-	1	0	0	0	-	0	0	0	0	-	0	1
% Bicycles on Road	0.1	-	-	-	0.1	0.0	-	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	1	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-





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Count Name: NM299.03
 Site Code: SCU962
 Start Date: 05/18/2021
 Page No: 10

Turning Movement Peak Hour Data (3:45 PM)

Start Time	Carlisle Southbound					Alley Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
3:45 PM	339	0	0	0	339	3	0	0	1	3	1	295	0	0	296	638
4:00 PM	311	0	0	0	311	0	0	0	2	0	0	326	0	0	326	637
4:15 PM	337	0	0	0	337	4	0	0	1	4	0	301	0	0	301	642
4:30 PM	351	0	0	0	351	2	0	0	0	2	3	292	0	0	295	648
Total	1338	0	0	0	1338	9	0	0	4	9	4	1214	0	0	1218	2565
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	0.3	99.7	0.0	-	-	-
Total %	52.2	0.0	0.0	-	52.2	0.4	0.0	0.0	-	0.4	0.2	47.3	0.0	-	47.5	-
PHF	0.953	0.000	0.000	-	0.953	0.563	0.000	0.000	-	0.563	0.333	0.931	0.000	-	0.934	0.990
Lights	1318	0	0	-	1318	9	0	0	-	9	4	1159	0	-	1163	2490
% Lights	98.5	-	-	-	98.5	100.0	-	-	-	100.0	100.0	95.5	-	-	95.5	97.1
Mediums	19	0	0	-	19	0	0	0	-	0	0	54	0	-	54	73
% Mediums	1.4	-	-	-	1.4	0.0	-	-	-	0.0	0.0	4.4	-	-	4.4	2.8
Articulated Trucks	1	0	0	-	1	0	0	0	-	0	0	1	0	-	1	2
% Articulated Trucks	0.1	-	-	-	0.1	0.0	-	-	-	0.0	0.0	0.1	-	-	0.1	0.1
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	0.0	-	-	-	0.0	0.0	-	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	4	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-



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Count Name: NM299.03
Site Code: SCU45V
Start Date: 05/20/2021
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Turning Movement Data

Start Time	Carlisle Southbound							I40 Westbound							Carlisle Northbound							Eastbound Approach Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	
6:00 AM	0	0	48	17	1	0	66	0	0	0	0	0	0	0	6	1	40	0	0	1	47	21	5	1	35	0	0	62	175
6:15 AM	0	0	41	29	0	0	70	0	0	0	0	0	0	0	7	2	62	0	0	0	71	28	2	0	33	0	0	63	204
6:30 AM	0	0	80	20	0	0	100	0	0	0	0	0	0	0	8	6	84	0	0	0	98	32	6	1	57	0	0	96	294
6:45 AM	0	0	94	29	1	0	124	0	0	0	0	0	0	0	14	3	94	0	0	0	111	62	12	1	95	0	0	170	405
Hourly Total	0	0	263	95	2	0	360	0	0	0	0	0	0	0	35	12	280	0	0	1	327	143	25	3	220	0	0	391	1078
7:00 AM	0	0	96	28	0	0	124	0	0	0	0	0	0	0	14	8	119	0	1	0	142	63	3	0	83	0	1	149	415
7:15 AM	0	0	120	23	0	0	143	0	0	0	0	0	0	0	26	12	114	0	0	0	152	92	5	0	80	0	0	177	472
7:30 AM	0	0	130	45	1	0	176	0	0	0	0	0	0	0	23	27	180	0	0	0	230	101	3	0	87	0	0	191	597
7:45 AM	0	0	186	42	0	0	228	0	0	0	0	0	0	0	27	23	187	0	0	0	237	125	7	0	132	0	0	264	729
Hourly Total	0	0	532	138	1	0	671	0	0	0	0	0	0	0	90	70	600	0	1	0	761	381	18	0	382	0	1	781	2213
8:00 AM	0	0	161	43	0	0	204	0	0	0	0	0	0	0	32	26	166	0	0	0	224	137	6	0	146	0	0	289	717
8:15 AM	0	0	170	40	0	0	210	0	0	0	0	0	0	0	24	13	172	0	0	1	209	105	5	2	116	0	0	228	647
8:30 AM	0	0	158	49	0	0	207	0	0	0	0	0	1	0	26	22	189	0	0	0	237	103	14	1	113	0	0	231	675
8:45 AM	0	0	170	43	0	0	213	0	0	0	0	0	0	0	20	32	178	0	0	0	230	113	15	0	112	0	0	240	683
Hourly Total	0	0	659	175	0	0	834	0	0	0	0	0	1	0	102	93	705	0	0	1	900	458	40	3	487	0	0	988	2722
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	0	0	141	46	1	0	188	0	0	0	0	0	0	0	36	22	199	0	0	0	257	79	9	2	115	0	0	205	650
11:15 AM	0	0	153	69	1	0	223	0	0	0	0	0	0	0	39	22	213	0	0	0	274	97	1	4	114	0	2	216	713
11:30 AM	0	0	161	56	2	0	219	0	0	0	0	0	0	0	21	16	208	0	0	0	245	74	8	1	97	0	1	180	644
11:45 AM	0	0	185	65	1	0	251	0	0	0	0	0	0	0	27	24	197	0	0	0	248	115	10	4	127	0	1	256	755
Hourly Total	0	0	640	236	5	0	881	0	0	0	0	0	0	0	123	84	817	0	0	0	1024	365	28	11	453	0	4	857	2762
12:00 PM	0	0	194	58	1	0	253	0	0	0	0	0	0	0	35	27	226	0	0	0	288	84	2	0	116	0	1	202	743
12:15 PM	0	0	199	56	4	0	259	0	0	0	0	0	0	0	43	24	247	0	1	0	315	94	8	1	126	0	4	229	803
12:30 PM	0	0	188	52	1	0	241	0	0	0	0	0	0	0	31	27	187	0	0	0	245	115	3	1	119	0	2	238	724
12:45 PM	0	0	194	67	0	0	261	0	0	0	0	0	0	0	24	24	198	0	0	0	246	125	5	0	111	0	3	241	748
Hourly Total	0	0	775	233	6	0	1014	0	0	0	0	0	0	0	133	102	858	0	1	0	1094	418	18	2	472	0	10	910	3018
1:00 PM	0	0	160	61	1	0	222	0	0	0	0	0	0	0	35	35	217	0	1	0	288	99	10	2	117	0	0	228	738
1:15 PM	0	0	149	58	0	0	207	0	0	0	0	0	0	0	39	27	222	0	0	0	288	93	7	2	101	0	2	203	698
1:30 PM	0	0	173	49	0	0	222	0	0	0	0	0	1	0	26	32	207	0	0	0	265	103	7	1	120	0	0	231	718
1:45 PM	0	0	192	48	1	0	241	0	0	0	0	0	0	0	41	23	220	0	0	0	284	107	7	2	124	0	2	240	765
Hourly Total	0	0	674	216	2	0	892	0	0	0	0	0	1	0	141	117	866	0	1	0	1125	402	31	7	462	0	4	902	2919
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	0	0	198	62	0	0	260	0	0	0	0	0	2	0	42	29	239	0	1	0	311	106	10	4	113	0	2	233	804
3:15 PM	0	0	230	60	2	0	292	0	0	0	0	0	0	0	38	33	268	0	0	0	339	124	4	2	129	0	5	259	890
3:30 PM	0	0	226	59	2	0	287	0	0	0	0	0	1	0	41	36	258	0	0	0	335	124	4	5	141	0	3	274	896

3:45 PM	0	0	201	74	1	0	276	0	0	0	0	0	0	0	36	34	291	0	0	0	361	114	8	4	135	0	0	261	898
Hourly Total	0	0	855	255	5	0	1115	0	0	0	0	0	3	0	157	132	1056	0	1	0	1346	468	26	15	518	0	10	1027	3488
4:00 PM	0	0	219	76	0	0	295	0	0	0	0	0	0	0	49	38	261	0	0	0	348	122	3	5	117	0	2	247	890
4:15 PM	0	0	183	58	0	0	241	0	0	0	0	0	0	0	38	34	240	0	0	0	312	101	7	3	142	0	2	253	806
4:30 PM	0	0	229	76	0	0	305	0	0	0	0	0	0	0	42	30	225	0	0	1	297	129	5	8	111	0	5	253	855
4:45 PM	0	0	200	73	0	0	273	0	0	0	0	0	0	0	44	39	250	0	0	0	333	112	6	1	107	0	3	226	832
Hourly Total	0	0	831	283	0	0	1114	0	0	0	0	0	0	0	173	141	976	0	0	1	1290	464	21	17	477	0	12	979	3383
5:00 PM	0	0	217	80	0	0	297	0	0	0	0	0	0	0	49	30	272	0	0	1	351	128	2	3	129	0	1	262	910
5:15 PM	0	0	237	90	0	0	327	0	0	0	0	0	0	0	63	38	265	0	0	0	366	119	7	4	120	0	0	250	943
5:30 PM	0	0	182	51	2	0	235	0	0	0	0	0	0	0	57	26	253	0	0	0	336	118	6	2	111	0	2	237	808
5:45 PM	0	0	194	60	1	0	255	0	0	0	0	0	0	0	44	25	225	0	0	0	294	127	2	4	86	0	3	219	768
Hourly Total	0	0	830	281	3	0	1114	0	0	0	0	0	0	0	213	119	1015	0	0	1	1347	492	17	13	446	0	6	968	3429
Grand Total	0	0	6059	1912	24	0	7995	0	0	0	0	0	5	0	1167	870	7173	0	4	4	9214	3591	224	71	3917	0	47	7803	25012
Approach %	0.0	0.0	75.8	23.9	0.3	-	-	0.0	0.0	0.0	0.0	0.0	-	-	12.7	9.4	77.8	0.0	0.0	-	-	46.0	2.9	0.9	50.2	0.0	-	-	-
Total %	0.0	0.0	24.2	7.6	0.1	-	32.0	0.0	0.0	0.0	0.0	0.0	-	0.0	4.7	3.5	28.7	0.0	0.0	-	36.8	14.4	0.9	0.3	15.7	0.0	-	31.2	-
Lights	0	0	5958	1836	24	-	7818	0	0	0	0	0	-	0	1152	860	7010	0	4	-	9026	3522	220	69	3785	0	-	7596	24440
% Lights	-	-	98.3	96.0	100.0	-	97.8	-	-	-	-	-	-	-	98.7	98.9	97.7	-	100.0	-	98.0	98.1	98.2	97.2	96.6	-	-	97.3	97.7
Mediums	0	0	95	69	0	-	164	0	0	0	0	0	-	0	12	9	147	0	0	-	168	59	3	2	98	0	-	162	494
% Mediums	-	-	1.6	3.6	0.0	-	2.1	-	-	-	-	-	-	-	1.0	1.0	2.0	-	0.0	-	1.8	1.6	1.3	2.8	2.5	-	-	2.1	2.0
Articulated Trucks	0	0	4	7	0	-	11	0	0	0	0	0	-	0	3	1	12	0	0	-	16	10	1	0	34	0	-	45	72
% Articulated Trucks	-	-	0.1	0.4	0.0	-	0.1	-	-	-	-	-	-	-	0.3	0.1	0.2	-	0.0	-	0.2	0.3	0.4	0.0	0.9	-	-	0.6	0.3
Bicycles on Road	0	0	2	0	0	-	2	0	0	0	0	0	-	0	0	0	4	0	0	-	4	0	0	0	0	0	-	0	6
% Bicycles on Road	-	-	0.0	0.0	0.0	-	0.0	-	-	-	-	-	-	-	0.0	0.0	0.1	-	0.0	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	-	3	-	-	-	-	-	-	2	-	-	-	-	-	-	8	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	60.0	-	-	-	-	-	-	50.0	-	-	-	-	-	-	17.0	-	-
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	-	2	-	-	-	-	-	-	2	-	-	-	-	-	-	39	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	40.0	-	-	-	-	-	-	50.0	-	-	-	-	-	-	83.0	-	-



Lee Engineering, LLC

Phoenix, Arizona - Dallas, Texas

Oklahoma City, Oklahoma - San Antonio, Texas

Albuquerque, New Mexico, United States

jkruise@lee-eng.com

Count Name: NM299.03

Site Code: SCU45V

Start Date: 05/20/2021

Page No: 4

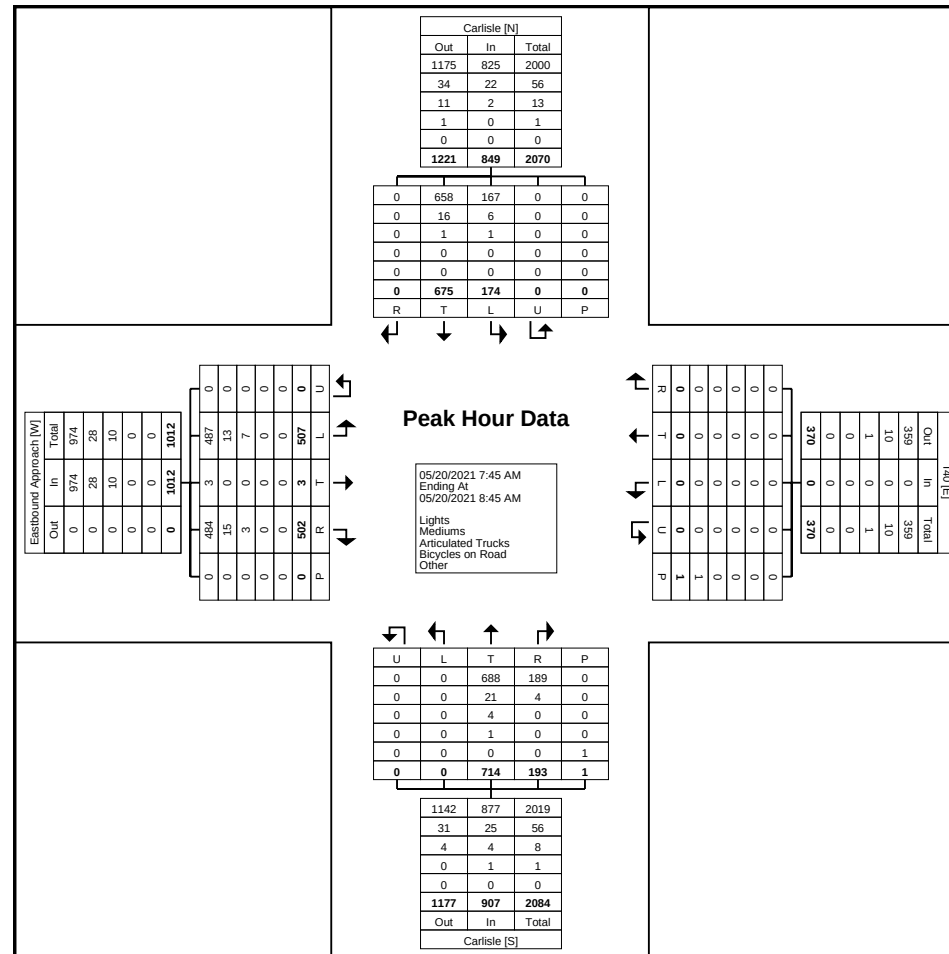
Turning Movement Peak Hour Data (7:45 AM)

Start Time	Carlisle Southbound							I40 Westbound							Carlisle Northbound							Eastbound Approach Eastbound							Int. Total	
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total		
7:45 AM	0	0	186	42	0	0	228	0	0	0	0	0	0	0	27	23	187	0	0	0	237	125	7	0	132	0	0	264	729	
8:00 AM	0	0	161	43	0	0	204	0	0	0	0	0	0	0	32	26	166	0	0	0	224	137	6	0	146	0	0	289	717	
8:15 AM	0	0	170	40	0	0	210	0	0	0	0	0	0	0	24	13	172	0	0	1	209	105	5	2	116	0	0	228	647	
8:30 AM	0	0	158	49	0	0	207	0	0	0	0	0	1	0	26	22	189	0	0	0	237	103	14	1	113	0	0	231	675	
Total	0	0	675	174	0	0	849	0	0	0	0	0	1	0	109	84	714	0	0	1	907	470	32	3	507	0	0	1012	2768	
Approach %	0.0	0.0	79.5	20.5	0.0	-	-	0.0	0.0	0.0	0.0	0.0	-	-	12.0	9.3	78.7	0.0	0.0	-	-	46.4	3.2	0.3	50.1	0.0	-	-	-	-
Total %	0.0	0.0	24.4	6.3	0.0	-	30.7	0.0	0.0	0.0	0.0	0.0	-	0.0	3.9	3.0	25.8	0.0	0.0	-	32.8	17.0	1.2	0.1	18.3	0.0	-	36.6	-	
PHF	0.000	0.000	0.907	0.888	0.000	-	0.931	0.000	0.000	0.000	0.000	0.000	-	0.000	0.852	0.808	0.944	0.000	0.000	-	0.957	0.858	0.571	0.375	0.868	0.000	-	0.875	0.949	
Lights	0	0	658	167	0	-	825	0	0	0	0	0	-	0	108	81	688	0	0	-	877	453	31	3	487	0	-	974	2676	
% Lights	-	-	97.5	96.0	-	-	97.2	-	-	-	-	-	-	-	99.1	96.4	96.4	-	-	-	96.7	96.4	96.9	100.0	96.1	-	-	96.2	96.7	
Mediums	0	0	16	6	0	-	22	0	0	0	0	0	-	0	1	3	21	0	0	-	25	14	1	0	13	0	-	28	75	
% Mediums	-	-	2.4	3.4	-	-	2.6	-	-	-	-	-	-	-	0.9	3.6	2.9	-	-	-	2.8	3.0	3.1	0.0	2.6	-	-	2.8	2.7	
Articulated Trucks	0	0	1	1	0	-	2	0	0	0	0	0	-	0	0	0	4	0	0	-	4	3	0	0	7	0	-	10	16	
% Articulated Trucks	-	-	0.1	0.6	-	-	0.2	-	-	-	-	-	-	-	0.0	0.0	0.6	-	-	-	0.4	0.6	0.0	0.0	1.4	-	-	1.0	0.6	
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	1	0	0	-	1	0	0	0	0	0	-	0	1	
% Bicycles on Road	-	-	0.0	0.0	-	-	0.0	-	-	-	-	-	-	-	0.0	0.0	0.1	-	-	-	0.1	0.0	0.0	0.0	0.0	-	-	0.0	0.0	
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-	
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-	-	



Lee Engineering, LLC
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Count Name: NM299.03
Site Code: SCU45V
Start Date: 05/20/2021
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Turning Movement Peak Hour Data Plot (7:45 AM)



Lee Engineering, LLC
Phoenix, Arizona - Dallas, Texas
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jkruse@lee-eng.com

Count Name: NM299.03
Site Code: SCU45V
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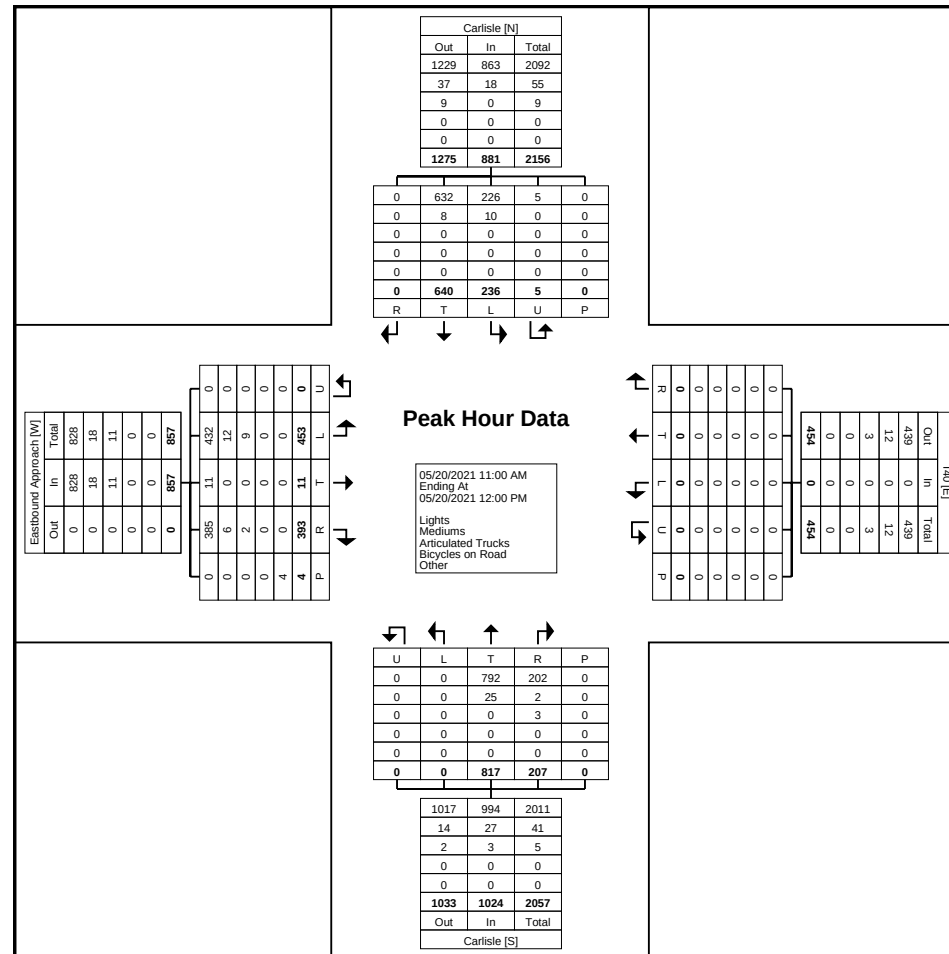
Turning Movement Peak Hour Data (11:00 AM)

Start Time	Carlisle Southbound							I40 Westbound							Carlisle Northbound							Eastbound Approach Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	
11:00 AM	0	0	141	46	1	0	188	0	0	0	0	0	0	0	36	22	199	0	0	0	257	79	9	2	115	0	0	205	650
11:15 AM	0	0	153	69	1	0	223	0	0	0	0	0	0	0	39	22	213	0	0	0	274	97	1	4	114	0	2	216	713
11:30 AM	0	0	161	56	2	0	219	0	0	0	0	0	0	0	21	16	208	0	0	0	245	74	8	1	97	0	1	180	644
11:45 AM	0	0	185	65	1	0	251	0	0	0	0	0	0	0	27	24	197	0	0	0	248	115	10	4	127	0	1	256	755
Total	0	0	640	236	5	0	881	0	0	0	0	0	0	0	123	84	817	0	0	0	1024	365	28	11	453	0	4	857	2762
Approach %	0.0	0.0	72.6	26.8	0.6	-	-	0.0	0.0	0.0	0.0	0.0	-	-	12.0	8.2	79.8	0.0	0.0	-	-	42.6	3.3	1.3	52.9	0.0	-	-	-
Total %	0.0	0.0	23.2	8.5	0.2	-	31.9	0.0	0.0	0.0	0.0	0.0	-	0.0	4.5	3.0	29.6	0.0	0.0	-	37.1	13.2	1.0	0.4	16.4	0.0	-	31.0	-
PHF	0.000	0.000	0.865	0.855	0.625	-	0.877	0.000	0.000	0.000	0.000	0.000	-	0.000	0.788	0.875	0.959	0.000	0.000	-	0.934	0.793	0.700	0.688	0.892	0.000	-	0.837	0.915
Lights	0	0	632	226	5	-	863	0	0	0	0	0	-	0	120	82	792	0	0	-	994	357	28	11	432	0	-	828	2685
% Lights	-	-	98.8	95.8	100.0	-	98.0	-	-	-	-	-	-	-	97.6	97.6	96.9	-	-	-	97.1	97.8	100.0	100.0	95.4	-	-	96.6	97.2
Mediums	0	0	8	10	0	-	18	0	0	0	0	0	-	0	1	1	25	0	0	-	27	6	0	0	12	0	-	18	63
% Mediums	-	-	1.3	4.2	0.0	-	2.0	-	-	-	-	-	-	-	0.8	1.2	3.1	-	-	-	2.6	1.6	0.0	0.0	2.6	-	-	2.1	2.3
Articulated Trucks	0	0	0	0	0	-	0	0	0	0	0	0	-	0	2	1	0	0	0	-	3	2	0	0	9	0	-	11	14
% Articulated Trucks	-	-	0.0	0.0	0.0	-	0.0	-	-	-	-	-	-	-	1.6	1.2	0.0	-	-	-	0.3	0.5	0.0	0.0	2.0	-	-	1.3	0.5
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0
% Bicycles on Road	-	-	0.0	0.0	0.0	-	0.0	-	-	-	-	-	-	-	0.0	0.0	0.0	-	-	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	4	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	



Lee Engineering, LLC
Phoenix, Arizona - Dallas, Texas
Oklahoma City, Oklahoma - San Antonio, Texas
Albuquerque, New Mexico, United States
jkruse@lee-eng.com

Count Name: NM299.03
Site Code: SCU45V
Start Date: 05/20/2021
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Turning Movement Peak Hour Data Plot (11:00 AM)



Lee Engineering, LLC

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Count Name: NM299.03

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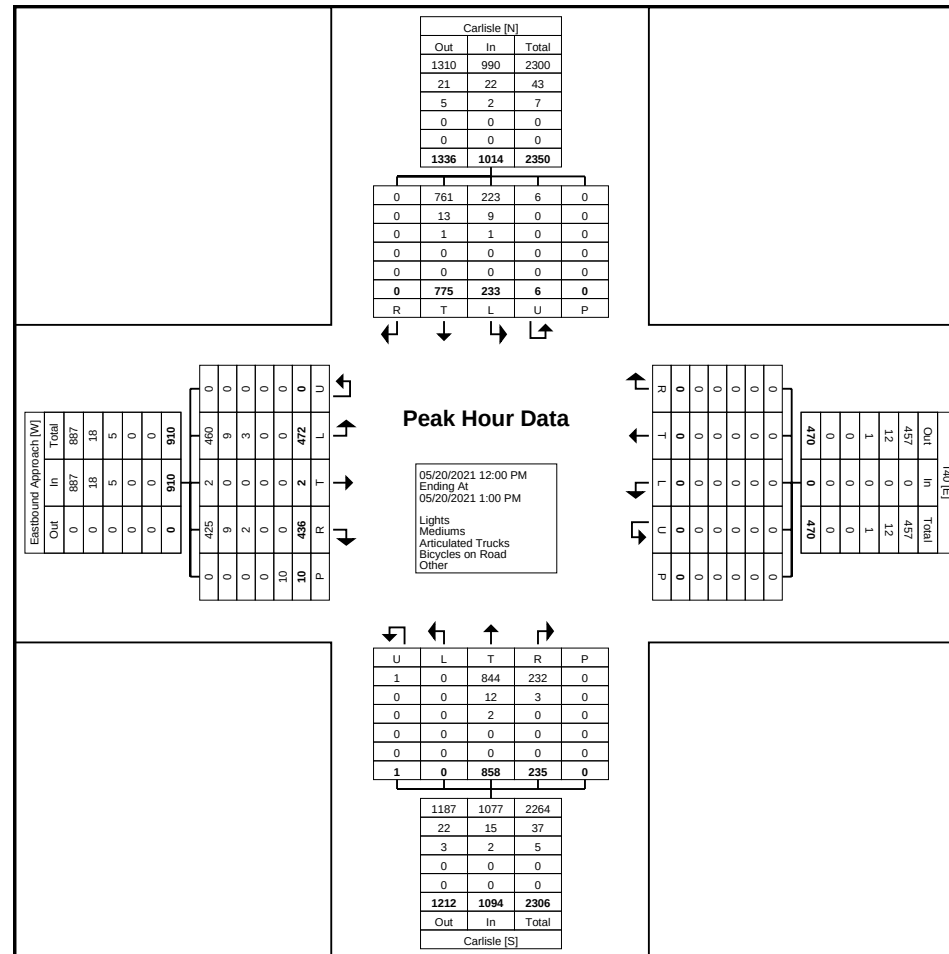
Turning Movement Peak Hour Data (12:00 PM)

Start Time	Carlisle Southbound							I40 Westbound							Carlisle Northbound							Eastbound Approach Eastbound							Int. Total	
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total		
12:00 PM	0	0	194	58	1	0	253	0	0	0	0	0	0	0	35	27	226	0	0	0	0	288	84	2	0	116	0	1	202	743
12:15 PM	0	0	199	56	4	0	259	0	0	0	0	0	0	0	43	24	247	0	1	0	315	94	8	1	126	0	4	229	803	
12:30 PM	0	0	188	52	1	0	241	0	0	0	0	0	0	0	31	27	187	0	0	0	245	115	3	1	119	0	2	238	724	
12:45 PM	0	0	194	67	0	0	261	0	0	0	0	0	0	0	24	24	198	0	0	0	246	125	5	0	111	0	3	241	748	
Total	0	0	775	233	6	0	1014	0	0	0	0	0	0	0	133	102	858	0	1	0	1094	418	18	2	472	0	10	910	3018	
Approach %	0.0	0.0	76.4	23.0	0.6	-	-	0.0	0.0	0.0	0.0	0.0	-	-	12.2	9.3	78.4	0.0	0.1	-	-	45.9	2.0	0.2	51.9	0.0	-	-	-	
Total %	0.0	0.0	25.7	7.7	0.2	-	33.6	0.0	0.0	0.0	0.0	0.0	-	0.0	4.4	3.4	28.4	0.0	0.0	-	36.2	13.9	0.6	0.1	15.6	0.0	-	30.2	-	
PHF	0.000	0.000	0.974	0.869	0.375	-	0.971	0.000	0.000	0.000	0.000	0.000	-	0.000	0.773	0.944	0.868	0.000	0.250	-	0.868	0.836	0.563	0.500	0.937	0.000	-	0.944	0.940	
Lights	0	0	761	223	6	-	990	0	0	0	0	0	-	0	132	100	844	0	1	-	1077	408	17	2	460	0	-	887	2954	
% Lights	-	-	98.2	95.7	100.0	-	97.6	-	-	-	-	-	-	-	99.2	98.0	98.4	-	100.0	-	98.4	97.6	94.4	100.0	97.5	-	-	97.5	97.9	
Mediums	0	0	13	9	0	-	22	0	0	0	0	0	-	0	1	2	12	0	0	-	15	9	0	0	9	0	-	18	55	
% Mediums	-	-	1.7	3.9	0.0	-	2.2	-	-	-	-	-	-	-	0.8	2.0	1.4	-	0.0	-	1.4	2.2	0.0	0.0	1.9	-	-	2.0	1.8	
Articulated Trucks	0	0	1	1	0	-	2	0	0	0	0	0	-	0	0	0	2	0	0	-	2	1	1	0	3	0	-	5	9	
% Articulated Trucks	-	-	0.1	0.4	0.0	-	0.2	-	-	-	-	-	-	-	0.0	0.0	0.2	-	0.0	-	0.2	0.2	5.6	0.0	0.6	-	-	0.5	0.3	
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	
% Bicycles on Road	-	-	0.0	0.0	0.0	-	0.0	-	-	-	-	-	-	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	2	-	-	
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.0	-	-	
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	8	-	-	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80.0	-	-	



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Count Name: NM299.03
Site Code: SCU45V
Start Date: 05/20/2021
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Turning Movement Peak Hour Data Plot (12:00 PM)

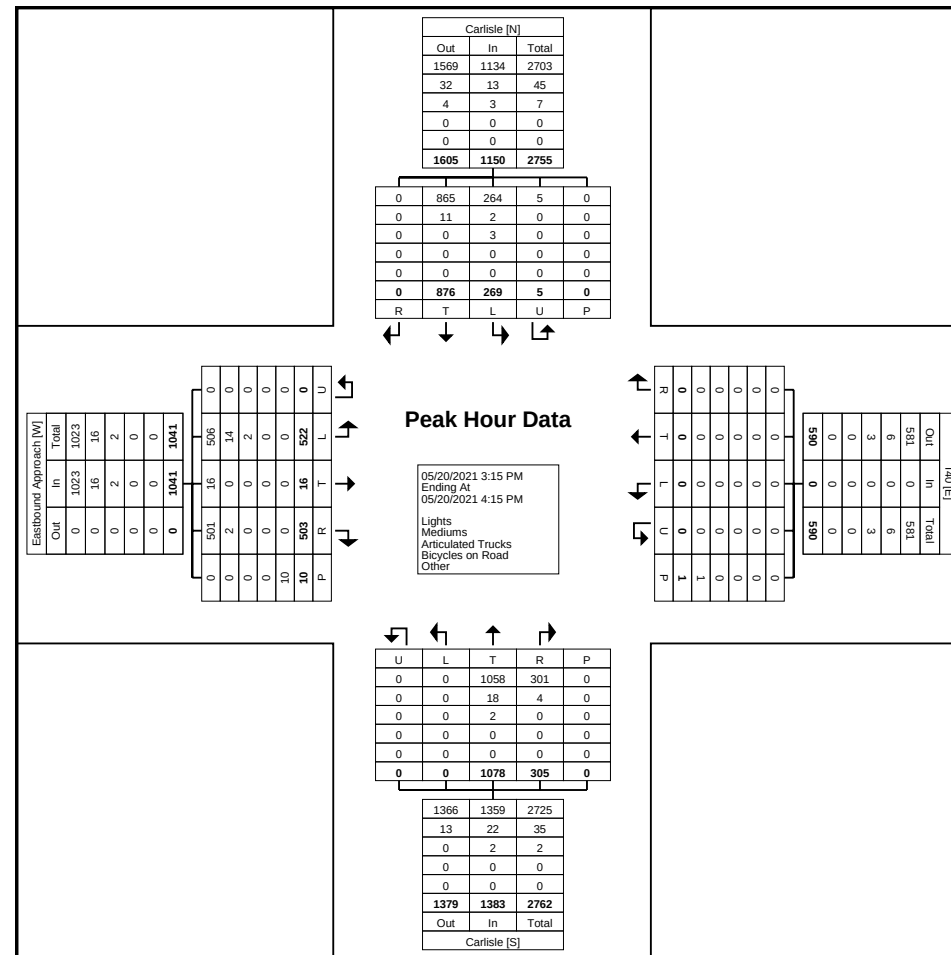


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Count Name: NM299.03
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Start Date: 05/20/2021
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Turning Movement Peak Hour Data (3:15 PM)

Start Time	Carlisle Southbound							I40 Westbound							Carlisle Northbound							Eastbound Approach Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	
3:15 PM	0	0	230	60	2	0	292	0	0	0	0	0	0	0	38	33	268	0	0	0	339	124	4	2	129	0	5	259	890
3:30 PM	0	0	226	59	2	0	287	0	0	0	0	0	1	0	41	36	258	0	0	0	335	124	4	5	141	0	3	274	896
3:45 PM	0	0	201	74	1	0	276	0	0	0	0	0	0	0	36	34	291	0	0	0	361	114	8	4	135	0	0	261	898
4:00 PM	0	0	219	76	0	0	295	0	0	0	0	0	0	0	49	38	261	0	0	0	348	122	3	5	117	0	2	247	890
Total	0	0	876	269	5	0	1150	0	0	0	0	0	1	0	164	141	1078	0	0	0	1383	484	19	16	522	0	10	1041	3574
Approach %	0.0	0.0	76.2	23.4	0.4	-	-	0.0	0.0	0.0	0.0	0.0	-	-	11.9	10.2	77.9	0.0	0.0	-	-	46.5	1.8	1.5	50.1	0.0	-	-	-
Total %	0.0	0.0	24.5	7.5	0.1	-	32.2	0.0	0.0	0.0	0.0	0.0	-	0.0	4.6	3.9	30.2	0.0	0.0	-	38.7	13.5	0.5	0.4	14.6	0.0	-	29.1	-
PHF	0.000	0.000	0.952	0.885	0.625	-	0.975	0.000	0.000	0.000	0.000	0.000	-	0.000	0.837	0.928	0.926	0.000	0.000	-	0.958	0.976	0.594	0.800	0.926	0.000	-	0.950	0.995
Lights	0	0	865	264	5	-	1134	0	0	0	0	0	-	0	161	140	1058	0	0	-	1359	482	19	16	506	0	-	1023	3516
% Lights	-	-	98.7	98.1	100.0	-	98.6	-	-	-	-	-	-	-	98.2	99.3	98.1	-	-	-	98.3	99.6	100.0	100.0	96.9	-	-	98.3	98.4
Mediums	0	0	11	2	0	-	13	0	0	0	0	0	-	0	3	1	18	0	0	-	22	2	0	0	14	0	-	16	51
% Mediums	-	-	1.3	0.7	0.0	-	1.1	-	-	-	-	-	-	-	1.8	0.7	1.7	-	-	-	1.6	0.4	0.0	0.0	2.7	-	-	1.5	1.4
Articulated Trucks	0	0	0	3	0	-	3	0	0	0	0	0	-	0	0	0	2	0	0	-	2	0	0	0	2	0	-	2	7
% Articulated Trucks	-	-	0.0	1.1	0.0	-	0.3	-	-	-	-	-	-	-	0.0	0.0	0.2	-	-	-	0.1	0.0	0.0	0.0	0.4	-	-	0.2	0.2
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0
% Bicycles on Road	-	-	0.0	0.0	0.0	-	0.0	-	-	-	-	-	-	-	0.0	0.0	0.0	-	-	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	20.0	-	-	-
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	-	1	-	-	-	-	-	-	0	-	-	-	-	-	8	-	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-	-	-	-	-	80.0	-	-	-



Turning Movement Peak Hour Data Plot (3:15 PM)



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Count Name: NM299.03
Site Code: SCUAX6
Start Date: 05/20/2021
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Turning Movement Data

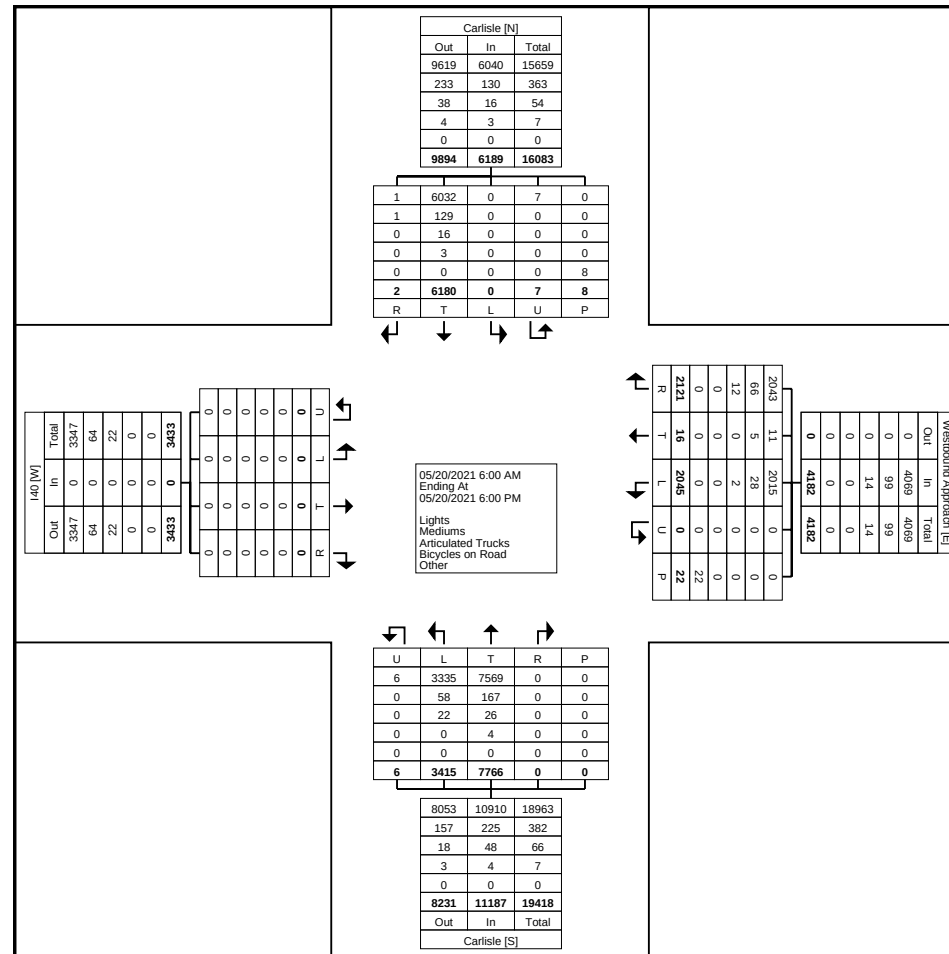
Start Time	Carlisle Southbound							Westbound Approach Westbound							Carlisle Northbound							I40 Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App.Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App.Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App.Total	Right	Right on Red	Thru	Left	U-Turn	App.Total		
6:00 AM	0	0	42	0	0	0	42	29	10	0	22	0	0	61	0	0	46	28	0	0	74	0	0	0	0	0	0	177	
6:15 AM	0	0	45	0	0	0	45	30	2	0	21	0	0	53	0	0	66	35	0	0	101	0	0	0	0	0	0	199	
6:30 AM	0	0	59	0	0	0	59	18	8	0	44	0	0	70	0	0	81	45	0	0	126	0	0	0	0	0	0	255	
6:45 AM	0	0	87	0	0	0	87	39	11	1	42	0	0	93	0	0	142	72	0	0	214	0	0	0	0	0	0	394	
Hourly Total	0	0	233	0	0	0	233	116	31	1	129	0	0	277	0	0	335	180	0	0	515	0	0	0	0	0	0	1025	
7:00 AM	0	0	90	0	0	0	90	36	12	0	39	0	1	87	0	0	142	66	0	0	208	0	0	0	0	0	0	385	
7:15 AM	0	0	99	0	0	0	99	56	9	0	50	0	1	115	0	0	130	77	0	0	207	0	0	0	0	0	0	421	
7:30 AM	0	0	131	0	0	2	131	48	11	1	48	0	3	108	0	0	176	102	0	0	278	0	0	0	0	0	0	517	
7:45 AM	0	0	169	0	0	0	169	51	10	3	91	0	0	155	0	0	215	116	0	0	331	0	0	0	0	0	0	655	
Hourly Total	0	0	489	0	0	2	489	191	42	4	228	0	5	465	0	0	663	361	0	0	1024	0	0	0	0	0	0	1978	
8:00 AM	0	0	146	0	0	0	146	84	3	0	67	0	0	154	0	0	223	76	0	0	299	0	0	0	0	0	0	599	
8:15 AM	0	0	138	0	0	0	138	36	20	1	58	0	1	115	0	0	215	79	0	0	294	0	0	0	0	0	0	547	
8:30 AM	0	0	169	0	0	2	169	52	5	1	67	0	3	125	0	0	213	84	0	0	297	0	0	0	0	0	0	591	
8:45 AM	0	0	140	0	0	0	140	62	2	0	84	0	1	148	0	0	197	92	0	0	289	0	0	0	0	0	0	577	
Hourly Total	0	0	593	0	0	2	593	234	30	2	276	0	5	542	0	0	848	331	0	0	1179	0	0	0	0	0	0	2314	
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11:00 AM	0	0	165	0	1	2	166	35	11	2	20	0	0	68	0	0	206	85	0	0	291	0	0	0	0	0	0	525	
11:15 AM	0	0	170	0	0	0	170	43	7	0	46	0	0	96	0	0	241	94	0	0	335	0	0	0	0	0	0	601	
11:30 AM	0	0	173	0	3	0	176	35	16	0	50	0	0	101	0	0	216	91	1	0	308	0	0	0	0	0	0	585	
11:45 AM	0	0	191	0	0	0	191	48	12	1	69	0	0	130	0	0	220	90	0	0	310	0	0	0	0	0	0	631	
Hourly Total	0	0	699	0	4	2	703	161	46	3	185	0	0	395	0	0	883	360	1	0	1244	0	0	0	0	0	0	2342	
12:00 PM	0	0	206	0	0	0	206	42	9	1	57	0	0	109	0	0	259	93	1	0	353	0	0	0	0	0	0	668	
12:15 PM	0	0	198	0	0	0	198	56	4	0	56	0	0	116	0	0	247	100	0	0	347	0	0	0	0	0	0	661	
12:30 PM	0	0	205	0	1	0	206	54	3	2	55	0	0	114	0	0	214	92	0	0	306	0	0	0	0	0	0	626	
12:45 PM	0	0	189	0	0	0	189	59	3	1	68	0	1	131	0	0	224	79	0	0	303	0	0	0	0	0	0	623	
Hourly Total	0	0	798	0	1	0	799	211	19	4	236	0	1	470	0	0	944	364	1	0	1309	0	0	0	0	0	0	2578	
1:00 PM	0	0	195	0	0	0	195	44	5	0	54	0	0	103	0	0	226	100	0	0	326	0	0	0	0	0	0	624	
1:15 PM	0	0	152	0	0	0	152	50	5	0	60	0	0	115	0	0	227	96	0	0	323	0	0	0	0	0	0	590	
1:30 PM	0	0	185	0	1	0	186	51	12	0	55	0	1	118	0	0	231	111	0	0	342	0	0	0	0	0	0	646	
1:45 PM	0	0	201	0	0	0	201	32	13	0	64	0	0	109	0	0	235	109	0	0	344	0	0	0	0	0	0	654	
Hourly Total	0	0	733	0	1	0	734	177	35	0	233	0	1	445	0	0	919	416	0	0	1335	0	0	0	0	0	0	2514	
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3:00 PM	1	0	192	0	0	0	193	44	5	0	59	0	2	108	0	0	226	110	0	0	336	0	0	0	0	0	0	637	
3:15 PM	0	0	213	0	0	0	213	91	9	0	71	0	0	171	0	0	289	124	0	0	413	0	0	0	0	0	0	797	
3:30 PM	0	0	215	0	1	0	216	65	14	0	78	0	0	157	0	0	283	106	0	0	389	0	0	0	0	0	0	762	

3:45 PM	0	0	199	0	0	0	199	79	8	0	63	0	0	150	0	0	300	118	0	0	418	0	0	0	0	0	0	767
Hourly Total	1	0	819	0	1	0	821	279	36	0	271	0	2	586	0	0	1098	458	0	0	1556	0	0	0	0	0	0	2963
4:00 PM	0	0	231	0	0	0	231	69	10	2	61	0	1	142	0	0	291	122	0	0	413	0	0	0	0	0	0	786
4:15 PM	0	0	197	0	0	0	197	63	2	0	62	0	0	127	0	0	283	115	3	0	401	0	0	0	0	0	0	725
4:30 PM	0	0	243	0	0	0	243	59	8	0	74	0	2	141	0	0	237	123	0	0	360	0	0	0	0	0	0	744
4:45 PM	0	0	235	0	0	0	235	60	9	0	51	0	2	120	0	0	262	118	1	0	381	0	0	0	0	0	0	736
Hourly Total	0	0	906	0	0	0	906	251	29	2	248	0	5	530	0	0	1073	478	4	0	1555	0	0	0	0	0	0	2991
5:00 PM	1	0	226	0	0	0	227	48	8	0	64	0	0	120	0	0	263	127	0	0	390	0	0	0	0	0	0	737
5:15 PM	0	0	272	0	0	1	272	62	3	0	70	0	1	135	0	0	278	115	0	0	393	0	0	0	0	0	0	800
5:30 PM	0	0	201	0	0	0	201	55	10	0	57	0	2	122	0	0	236	111	0	0	347	0	0	0	0	0	0	670
5:45 PM	0	0	211	0	0	1	211	39	8	0	48	0	0	95	0	0	226	114	0	0	340	0	0	0	0	0	0	646
Hourly Total	1	0	910	0	0	2	911	204	29	0	239	0	3	472	0	0	1003	467	0	0	1470	0	0	0	0	0	0	2853
Grand Total	2	0	6180	0	7	8	6189	1824	297	16	2045	0	22	4182	0	0	7766	3415	6	0	11187	0	0	0	0	0	0	21558
Approach %	0.0	0.0	99.9	0.0	0.1	-	-	43.6	7.1	0.4	48.9	0.0	-	-	0.0	0.0	69.4	30.5	0.1	-	-	0.0	0.0	0.0	0.0	0.0	-	-
Total %	0.0	0.0	28.7	0.0	0.0	-	28.7	8.5	1.4	0.1	9.5	0.0	-	19.4	0.0	0.0	36.0	15.8	0.0	-	51.9	0.0	0.0	0.0	0.0	0.0	0.0	-
Lights	1	0	6032	0	7	-	6040	1747	296	11	2015	0	-	4069	0	0	7569	3335	6	-	10910	0	0	0	0	0	0	21019
% Lights	50.0	-	97.6	-	100.0	-	97.6	95.8	99.7	68.8	98.5	-	-	97.3	-	-	97.5	97.7	100.0	-	97.5	-	-	-	-	-	-	97.5
Mediums	1	0	129	0	0	-	130	66	0	5	28	0	-	99	0	0	167	58	0	-	225	0	0	0	0	0	0	454
% Mediums	50.0	-	2.1	-	0.0	-	2.1	3.6	0.0	31.3	1.4	-	-	2.4	-	-	2.2	1.7	0.0	-	2.0	-	-	-	-	-	-	2.1
Articulated Trucks	0	0	16	0	0	-	16	11	1	0	2	0	-	14	0	0	26	22	0	-	48	0	0	0	0	0	0	78
% Articulated Trucks	0.0	-	0.3	-	0.0	-	0.3	0.6	0.3	0.0	0.1	-	-	0.3	-	-	0.3	0.6	0.0	-	0.4	-	-	-	-	-	-	0.4
Bicycles on Road	0	0	3	0	0	-	3	0	0	0	0	0	-	0	0	0	4	0	0	-	4	0	0	0	0	0	0	7
% Bicycles on Road	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	-	0.1	0.0	0.0	-	0.0	-	-	-	-	-	-	0.0
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	-	4	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-
% Bicycles on Crosswalk	-	-	-	-	-	0.0	-	-	-	-	-	-	18.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	-	8	-	-	-	-	-	-	18	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-
% Pedestrians	-	-	-	-	-	100.0	-	-	-	-	-	-	81.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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Turning Movement Data Plot



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Count Name: NM299.03

Site Code: SCUAX6

Start Date: 05/20/2021

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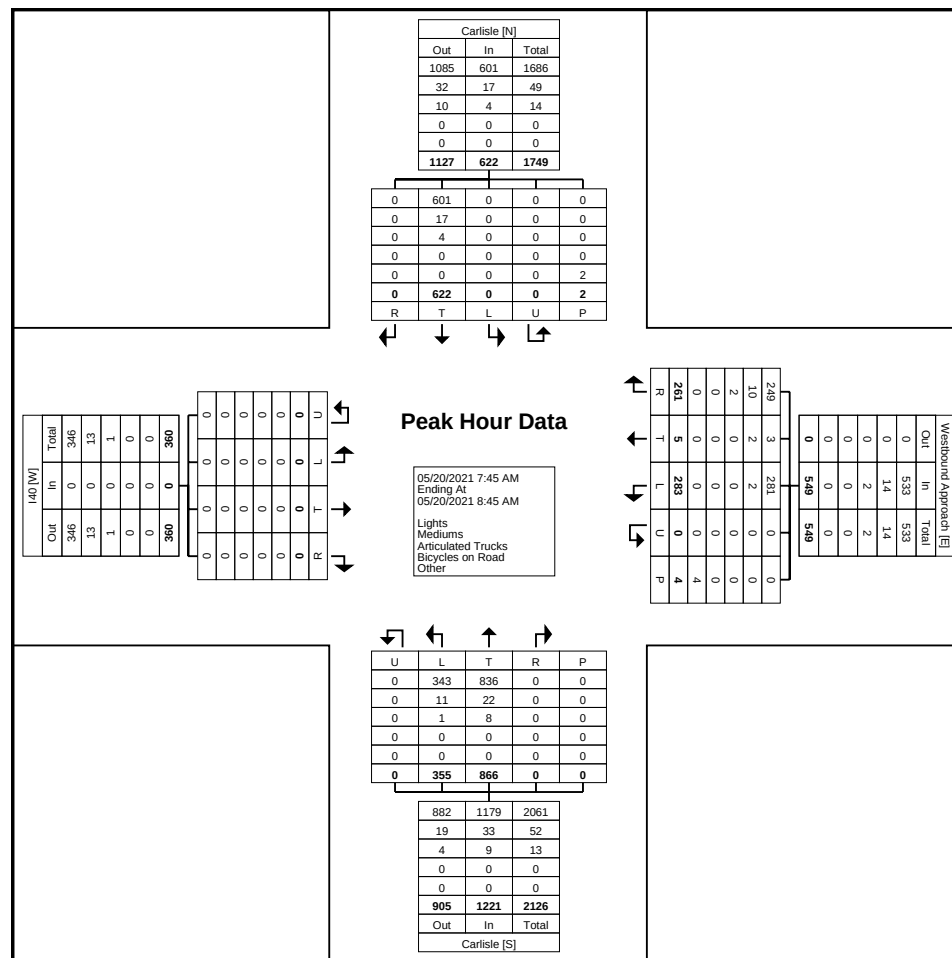
Turning Movement Peak Hour Data (7:45 AM)

Start Time	Carlisle Southbound							Westbound Approach Westbound							Carlisle Northbound							I40 Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	App. Total		
7:45 AM	0	0	169	0	0	0	169	51	10	3	91	0	0	155	0	0	215	116	0	0	331	0	0	0	0	0	0	655	
8:00 AM	0	0	146	0	0	0	146	84	3	0	67	0	0	154	0	0	223	76	0	0	299	0	0	0	0	0	0	599	
8:15 AM	0	0	138	0	0	0	138	36	20	1	58	0	1	115	0	0	215	79	0	0	294	0	0	0	0	0	0	547	
8:30 AM	0	0	169	0	0	2	169	52	5	1	67	0	3	125	0	0	213	84	0	0	297	0	0	0	0	0	0	591	
Total	0	0	622	0	0	2	622	223	38	5	283	0	4	549	0	0	866	355	0	0	1221	0	0	0	0	0	0	2392	
Approach %	0.0	0.0	100.0	0.0	0.0	-	-	40.6	6.9	0.9	51.5	0.0	-	-	0.0	0.0	70.9	29.1	0.0	-	-	0.0	0.0	0.0	0.0	0.0	-	-	
Total %	0.0	0.0	26.0	0.0	0.0	-	26.0	9.3	1.6	0.2	11.8	0.0	-	23.0	0.0	0.0	36.2	14.8	0.0	-	51.0	0.0	0.0	0.0	0.0	0.0	0.0	-	
PHF	0.000	0.000	0.920	0.000	0.000	-	0.920	0.664	0.475	0.417	0.777	0.000	-	0.885	0.000	0.000	0.971	0.765	0.000	-	0.922	0.000	0.000	0.000	0.000	0.000	0.000	0.913	
Lights	0	0	601	0	0	-	601	211	38	3	281	0	-	533	0	0	836	343	0	-	1179	0	0	0	0	0	0	2313	
% Lights	-	-	96.6	-	-	-	96.6	94.6	100.0	60.0	99.3	-	-	97.1	-	-	96.5	96.6	-	-	96.6	-	-	-	-	-	-	96.7	
Mediums	0	0	17	0	0	-	17	10	0	2	2	0	-	14	0	0	22	11	0	-	33	0	0	0	0	0	0	64	
% Mediums	-	-	2.7	-	-	-	2.7	4.5	0.0	40.0	0.7	-	-	2.6	-	-	2.5	3.1	-	-	2.7	-	-	-	-	-	-	2.7	
Articulated Trucks	0	0	4	0	0	-	4	2	0	0	0	0	-	2	0	0	8	1	0	-	9	0	0	0	0	0	0	15	
% Articulated Trucks	-	-	0.6	-	-	-	0.6	0.9	0.0	0.0	0.0	-	-	0.4	-	-	0.9	0.3	-	-	0.7	-	-	-	-	-	-	0.6	
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	
% Bicycles on Road	-	-	0.0	-	-	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	-	0.0	0.0	-	-	0.0	-	-	-	-	-	-	0.0	
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	
% Bicycles on Crosswalk	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pedestrians	-	-	-	-	-	2	-	-	-	-	-	-	4	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	
% Pedestrians	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

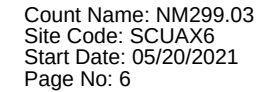


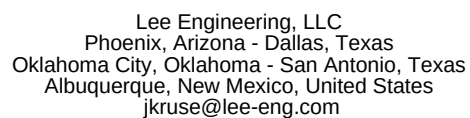
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Turning Movement Peak Hour Data Plot (7:45 AM)

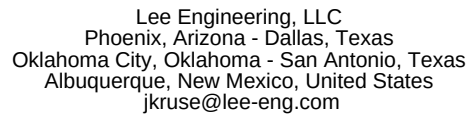


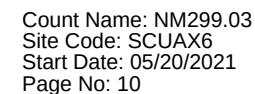


Count Name: NM299.03
Site Code: SCUAX6
Start Date: 05/20/2021
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Turning Movement Peak Hour Data (12:00 PM)

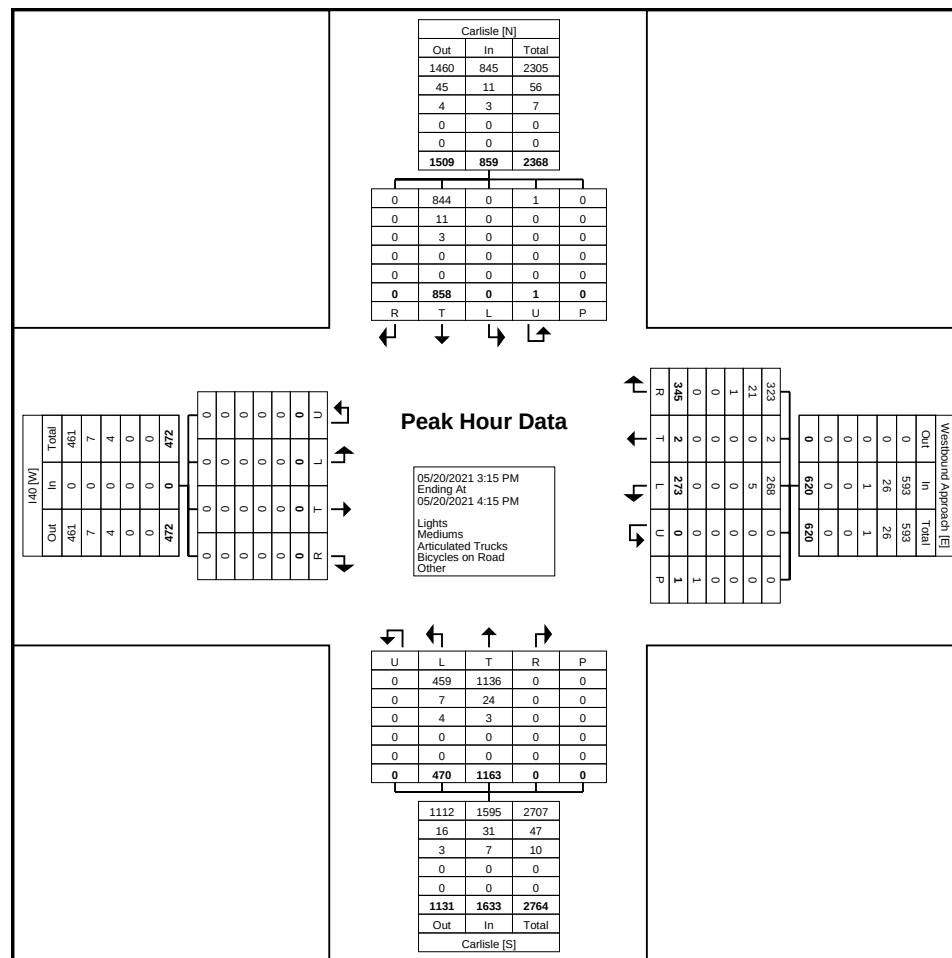






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Count Name: NM299.03
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Turning Movement Peak Hour Data Plot (3:15 PM)



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Count Name: NM299.03
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Turning Movement Data

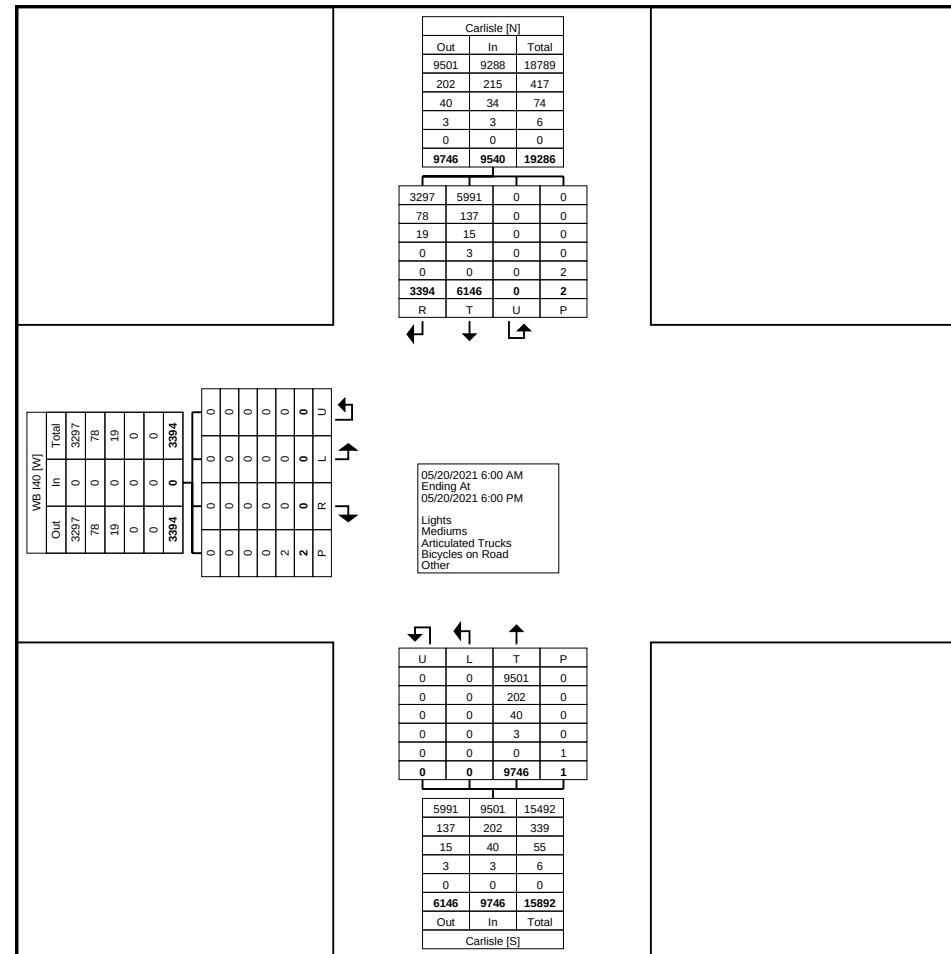
Start Time	Carlisle Southbound					Carlisle Northbound					WB I40 Eastbound					Int. Total
	Right	Thru	U-Turn	Peds	App. Total	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	
6:00 AM	41	42	0	0	83	80	0	0	0	80	0	0	0	0	0	163
6:15 AM	35	52	0	1	87	88	0	0	0	88	0	0	0	0	0	175
6:30 AM	46	60	0	0	106	126	0	0	0	126	0	0	0	0	0	232
6:45 AM	39	80	0	0	119	193	0	0	0	193	0	0	0	0	0	312
Hourly Total	161	234	0	1	395	487	0	0	0	487	0	0	0	0	0	882
7:00 AM	49	88	0	0	137	190	0	0	0	190	0	0	0	0	0	327
7:15 AM	53	106	0	0	159	194	0	0	0	194	0	0	0	0	0	353
7:30 AM	73	146	0	0	219	254	0	0	0	254	0	0	0	0	0	473
7:45 AM	69	160	0	0	229	311	0	0	0	311	0	0	0	0	0	540
Hourly Total	244	500	0	0	744	949	0	0	0	949	0	0	0	0	0	1693
8:00 AM	61	142	0	0	203	295	0	0	0	295	0	0	0	1	0	498
8:15 AM	61	152	0	0	213	249	0	0	0	249	0	0	0	0	0	462
8:30 AM	62	153	0	0	215	273	0	0	0	273	0	0	0	0	0	488
8:45 AM	65	126	0	0	191	279	0	0	1	279	0	0	0	1	0	470
Hourly Total	249	573	0	0	822	1096	0	0	1	1096	0	0	0	2	0	1918
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	107	171	0	0	278	253	0	0	0	253	0	0	0	0	0	531
11:15 AM	96	175	0	0	271	266	0	0	0	266	0	0	0	0	0	537
11:30 AM	90	181	0	0	271	255	0	0	0	255	0	0	0	0	0	526
11:45 AM	102	198	0	0	300	275	0	0	0	275	0	0	0	0	0	575
Hourly Total	395	725	0	0	1120	1049	0	0	0	1049	0	0	0	0	0	2169
12:00 PM	91	207	0	0	298	295	0	0	0	295	0	0	0	0	0	593
12:15 PM	116	190	0	0	306	319	0	0	0	319	0	0	0	0	0	625
12:30 PM	100	180	0	0	280	278	0	0	0	278	0	0	0	0	0	558
12:45 PM	113	207	0	0	320	294	0	0	0	294	0	0	0	0	0	614
Hourly Total	420	784	0	0	1204	1186	0	0	0	1186	0	0	0	0	0	2390
1:00 PM	133	189	0	0	322	289	0	0	0	289	0	0	0	0	0	611
1:15 PM	105	153	0	0	258	280	0	0	0	280	0	0	0	0	0	538
1:30 PM	91	182	0	0	273	302	0	0	0	302	0	0	0	0	0	575
1:45 PM	112	198	0	0	310	281	0	0	0	281	0	0	0	0	0	591
Hourly Total	441	722	0	0	1163	1152	0	0	0	1152	0	0	0	0	0	2315
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	112	188	0	0	300	263	0	0	0	263	0	0	0	0	0	563
3:15 PM	124	201	0	1	325	374	0	0	0	374	0	0	0	0	0	699
3:30 PM	144	226	0	0	370	358	0	0	0	358	0	0	0	0	0	728
3:45 PM	109	196	0	0	305	353	0	0	0	353	0	0	0	0	0	658

Hourly Total	489	811	0	1	1300	1348	0	0	0	1348	0	0	0	0	0	2648
4:00 PM	134	228	0	0	362	349	0	0	0	349	0	0	0	0	0	711
4:15 PM	136	200	0	0	336	335	0	0	0	335	0	0	0	0	0	671
4:30 PM	125	249	0	0	374	300	0	0	0	300	0	0	0	0	0	674
4:45 PM	131	222	0	0	353	322	0	0	0	322	0	0	0	0	0	675
Hourly Total	526	899	0	0	1425	1306	0	0	0	1306	0	0	0	0	0	2731
5:00 PM	140	261	0	0	401	322	0	0	0	322	0	0	0	0	0	723
5:15 PM	111	233	0	0	344	325	0	0	0	325	0	0	0	0	0	669
5:30 PM	121	225	0	0	346	285	0	0	0	285	0	0	0	0	0	631
5:45 PM	97	179	0	0	276	241	0	0	0	241	0	0	0	0	0	517
Hourly Total	469	898	0	0	1367	1173	0	0	0	1173	0	0	0	0	0	2540
Grand Total	3394	6146	0	2	9540	9746	0	0	1	9746	0	0	0	2	0	19286
Approach %	35.6	64.4	0.0	-	-	100.0	0.0	0.0	-	-	0.0	0.0	0.0	-	-	-
Total %	17.6	31.9	0.0	-	49.5	50.5	0.0	0.0	-	50.5	0.0	0.0	0.0	-	0.0	-
Lights	3297	5991	0	-	9288	9501	0	0	-	9501	0	0	0	-	0	18789
% Lights	97.1	97.5	-	-	97.4	97.5	-	-	-	97.5	-	-	-	-	-	97.4
Mediums	78	137	0	-	215	202	0	0	-	202	0	0	0	-	0	417
% Mediums	2.3	2.2	-	-	2.3	2.1	-	-	-	2.1	-	-	-	-	-	2.2
Articulated Trucks	19	15	0	-	34	40	0	0	-	40	0	0	0	-	0	74
% Articulated Trucks	0.6	0.2	-	-	0.4	0.4	-	-	-	0.4	-	-	-	-	-	0.4
Bicycles on Road	0	3	0	-	3	3	0	0	-	3	0	0	0	-	0	6
% Bicycles on Road	0.0	0.0	-	-	0.0	0.0	-	-	-	0.0	-	-	-	-	-	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	0.0	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	2	-	-	-	-	1	-	-	-	-	2	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	100.0	-	-



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Turning Movement Data Plot



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Count Name: NM299.03
 Site Code: SCUAWV
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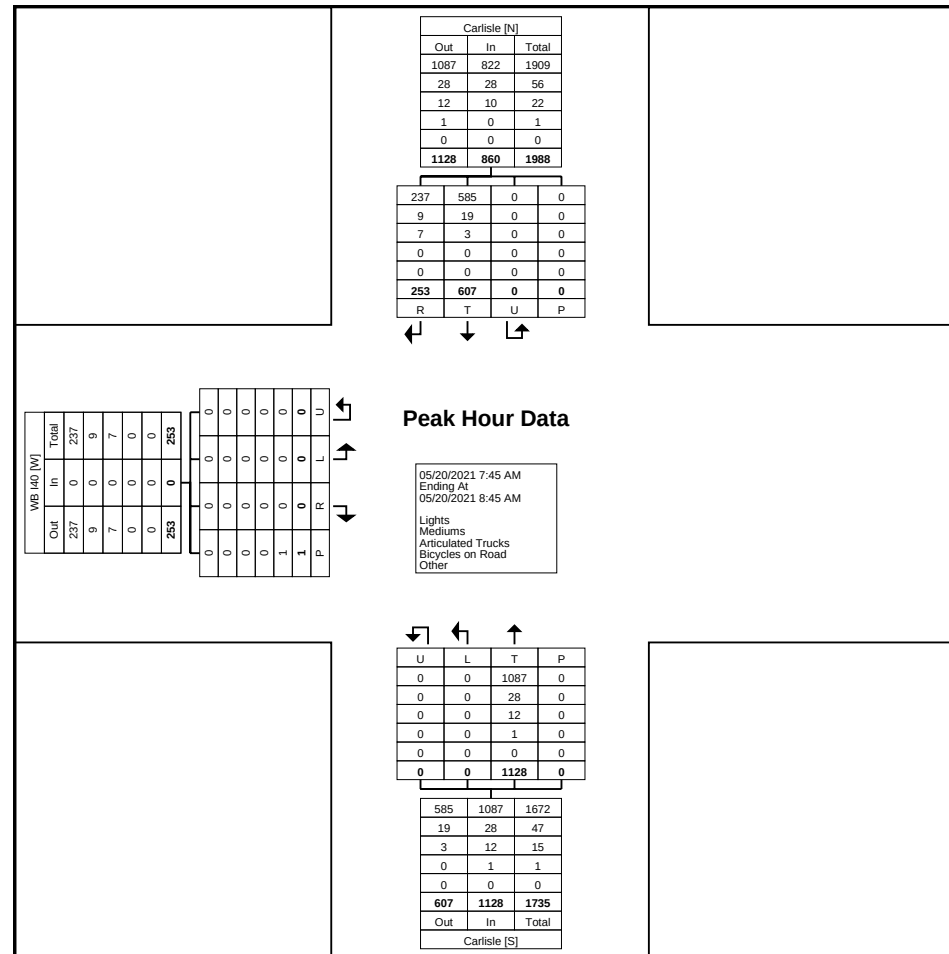
Turning Movement Peak Hour Data (7:45 AM)

Start Time	Carlisle Southbound					Carlisle Northbound					WB I40 Eastbound					Int. Total
	Right	Thru	U-Turn	Peds	App. Total	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	
7:45 AM	69	160	0	0	229	311	0	0	0	311	0	0	0	0	0	540
8:00 AM	61	142	0	0	203	295	0	0	0	295	0	0	0	1	0	498
8:15 AM	61	152	0	0	213	249	0	0	0	249	0	0	0	0	0	462
8:30 AM	62	153	0	0	215	273	0	0	0	273	0	0	0	0	0	488
Total	253	607	0	0	860	1128	0	0	0	1128	0	0	0	1	0	1988
Approach %	29.4	70.6	0.0	-	-	100.0	0.0	0.0	-	-	0.0	0.0	0.0	-	-	-
Total %	12.7	30.5	0.0	-	43.3	56.7	0.0	0.0	-	56.7	0.0	0.0	0.0	-	0.0	-
PHF	0.917	0.948	0.000	-	0.939	0.907	0.000	0.000	-	0.907	0.000	0.000	0.000	-	0.000	0.920
Lights	237	585	0	-	822	1087	0	0	-	1087	0	0	0	-	0	1909
% Lights	93.7	96.4	-	-	95.6	96.4	-	-	-	96.4	-	-	-	-	-	96.0
Mediums	9	19	0	-	28	28	0	0	-	28	0	0	0	-	0	56
% Mediums	3.6	3.1	-	-	3.3	2.5	-	-	-	2.5	-	-	-	-	-	2.8
Articulated Trucks	7	3	0	-	10	12	0	0	-	12	0	0	0	-	0	22
% Articulated Trucks	2.8	0.5	-	-	1.2	1.1	-	-	-	1.1	-	-	-	-	-	1.1
Bicycles on Road	0	0	0	-	0	1	0	0	-	1	0	0	0	-	0	1
% Bicycles on Road	0.0	0.0	-	-	0.0	0.1	-	-	-	0.1	-	-	-	-	-	0.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	1	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data Plot (7:45 AM)

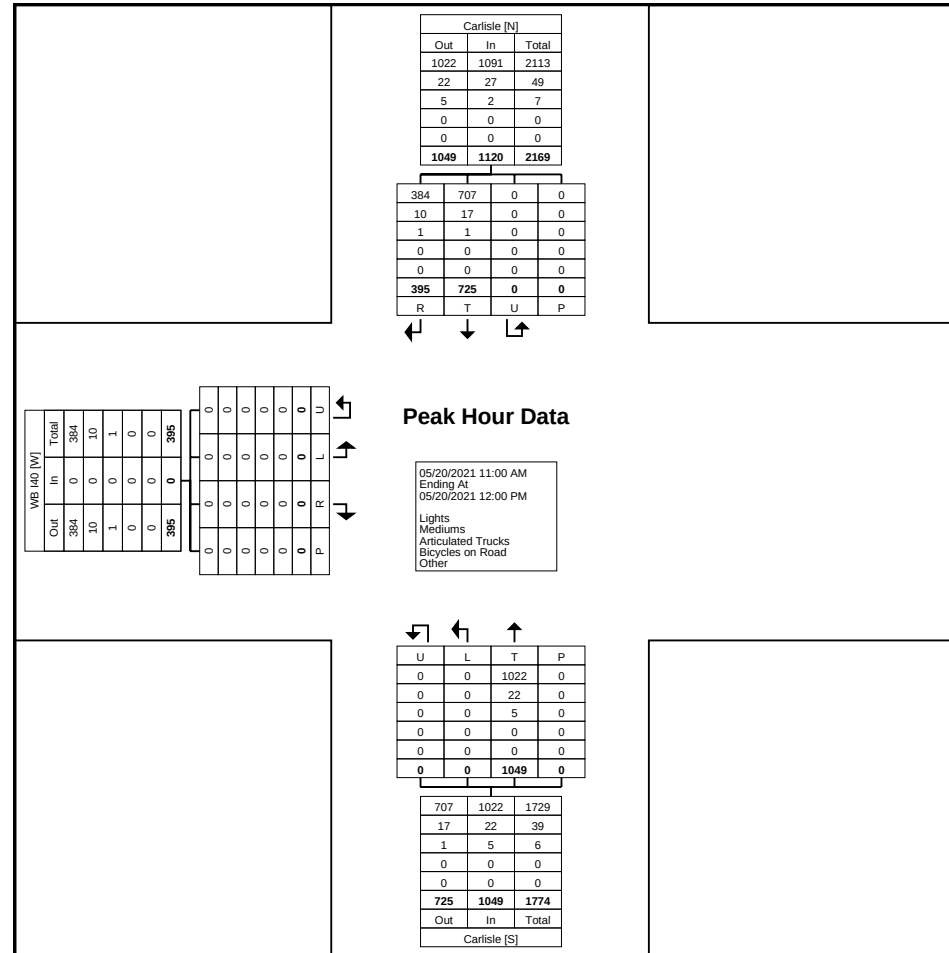


Count Name: NM299.03
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Turning Movement Peak Hour Data Plot (11:00 AM)

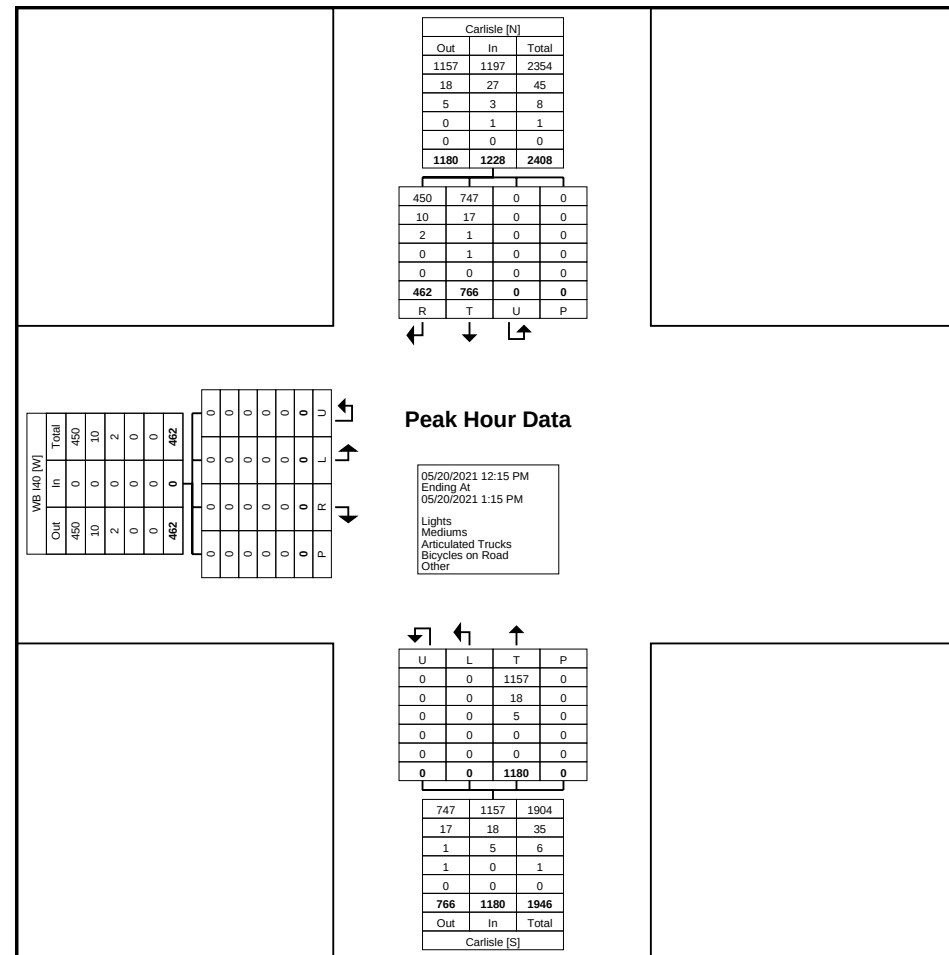


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Turning Movement Peak Hour Data Plot (12:15 PM)

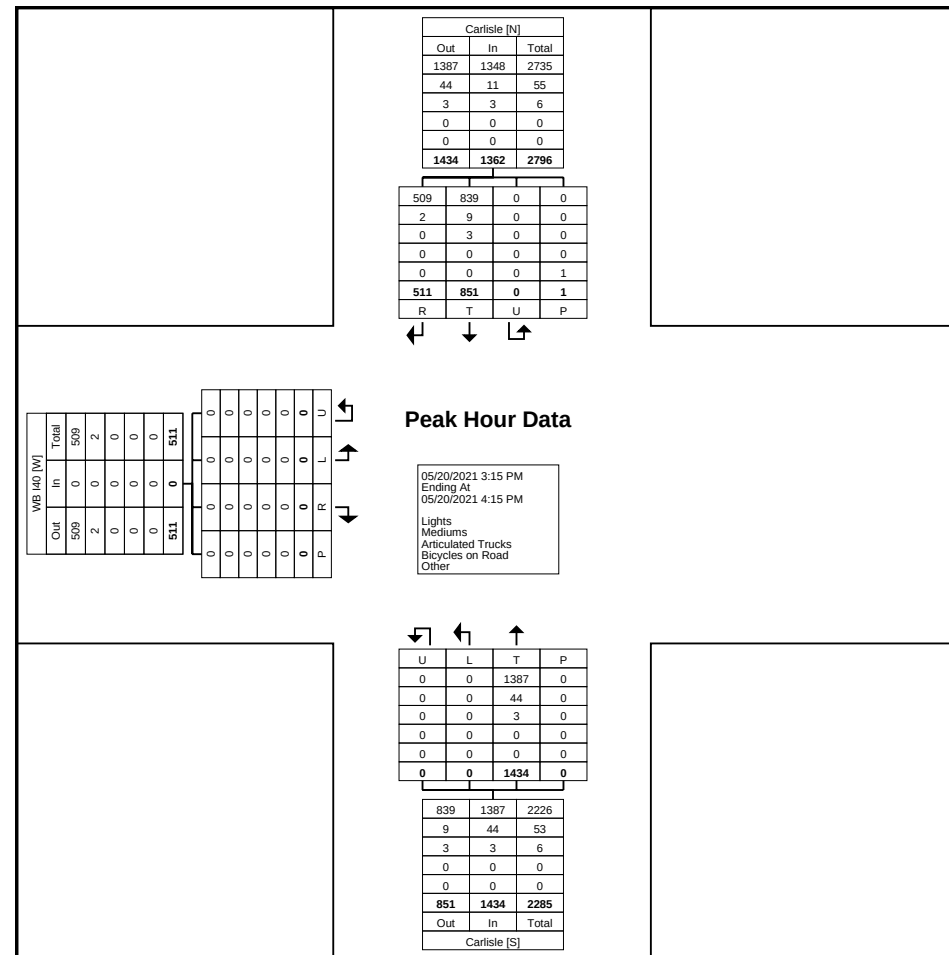


Count Name: NM299.03
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Turning Movement Peak Hour Data Plot (3:15 PM)



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Site Code: SCU9LK
Start Date: 05/18/2021
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Turning Movement Data

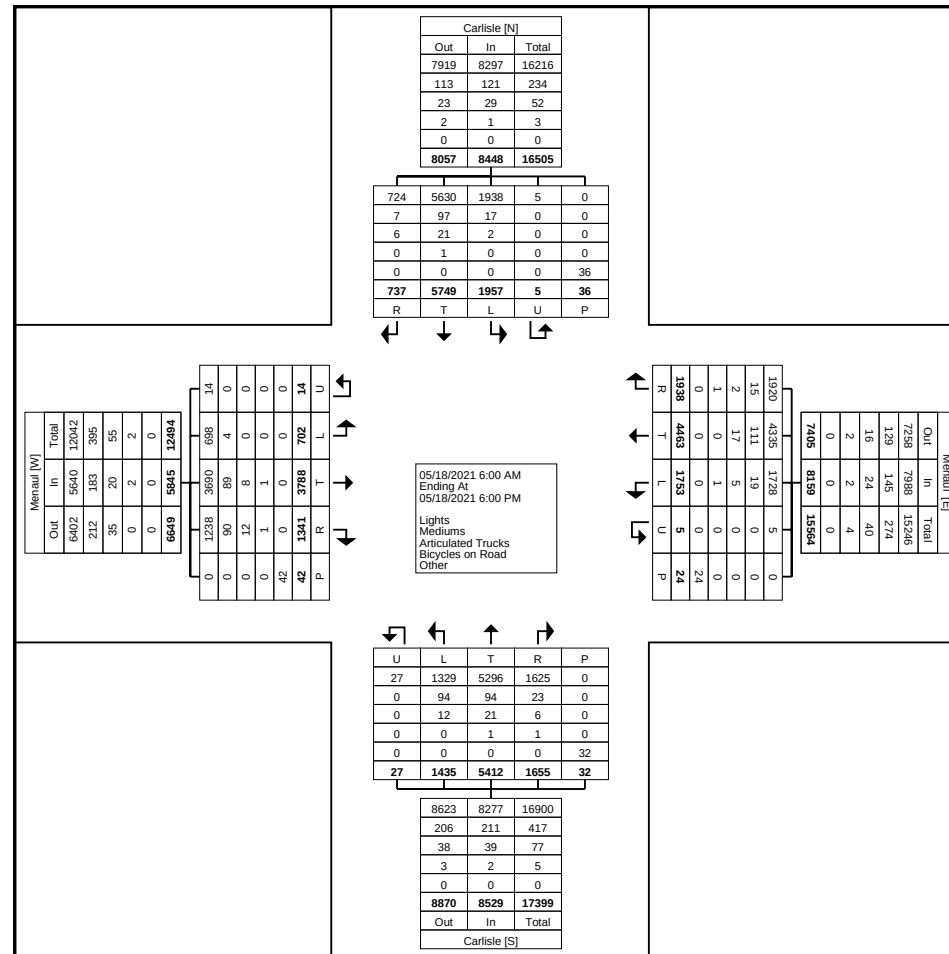
Start Time	Carlisle Southbound							Menaul Westbound							Carlisle Northbound							Menaul Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	
6:00 AM	5	4	31	6	0	0	46	5	4	40	13	0	0	62	2	11	50	23	0	0	86	13	3	15	3	0	0	34	228
6:15 AM	0	1	44	8	0	2	53	7	7	30	7	0	0	51	6	3	58	15	0	0	82	25	5	18	6	0	0	54	240
6:30 AM	5	2	76	7	0	3	90	7	6	51	18	0	2	82	8	6	81	22	0	2	117	12	5	23	3	0	1	43	332
6:45 AM	4	4	81	20	0	1	109	14	8	73	14	0	0	109	6	5	112	21	0	0	144	15	3	34	4	0	1	56	418
Hourly Total	14	11	232	41	0	6	298	33	25	194	52	0	2	304	22	25	301	81	0	2	429	65	16	90	16	0	2	187	1218
7:00 AM	9	2	109	18	0	0	138	11	10	68	14	0	0	103	8	4	84	29	0	2	125	23	3	39	7	0	3	72	438
7:15 AM	10	3	115	14	0	1	142	10	6	89	26	0	0	131	13	6	123	26	0	0	168	17	4	56	5	0	0	82	523
7:30 AM	9	4	128	23	0	0	164	29	6	106	21	0	0	162	23	9	152	43	1	0	228	21	4	65	17	0	1	107	661
7:45 AM	18	3	152	35	0	0	208	32	10	126	42	0	0	210	30	17	183	33	0	0	263	32	2	100	20	0	0	154	835
Hourly Total	46	12	504	90	0	1	652	82	32	389	103	0	0	606	74	36	542	131	1	2	784	93	13	260	49	0	4	415	2457
8:00 AM	9	4	128	37	0	0	178	26	7	103	41	0	0	177	31	9	168	39	0	1	247	19	11	78	8	0	0	116	718
8:15 AM	9	2	119	20	0	0	150	19	12	100	27	0	0	158	24	7	120	43	1	0	195	21	8	79	9	0	1	117	620
8:30 AM	11	3	118	40	0	1	172	25	10	86	28	0	1	149	25	5	143	48	1	0	222	34	5	86	16	0	1	141	684
8:45 AM	12	6	118	38	1	0	175	26	9	85	35	0	0	155	32	8	152	53	0	0	245	25	6	91	24	0	0	146	721
Hourly Total	41	15	483	135	1	1	675	96	38	374	131	0	1	639	112	29	583	183	2	1	909	99	30	334	57	0	2	520	2743
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	16	1	141	72	0	0	230	34	23	114	47	1	3	219	43	7	162	28	0	2	240	33	10	107	25	1	5	176	865
11:15 AM	12	4	146	80	1	0	243	45	23	118	46	0	1	232	40	3	140	46	1	2	230	29	10	119	24	0	3	182	887
11:30 AM	21	1	177	59	0	1	258	43	14	128	56	0	5	241	59	3	145	47	2	0	256	24	7	125	26	0	5	182	937
11:45 AM	17	2	176	62	0	4	257	50	18	139	57	1	1	265	59	9	160	44	1	1	273	35	2	137	32	0	1	206	1001
Hourly Total	66	8	640	273	1	5	988	172	78	499	206	2	10	957	201	22	607	165	4	5	999	121	29	488	107	1	14	746	3690
12:00 PM	22	4	168	73	1	3	268	53	15	160	51	0	1	279	44	16	158	32	3	1	253	33	7	137	21	2	1	200	1000
12:15 PM	25	6	170	81	0	1	282	45	8	162	61	0	1	276	39	14	157	50	0	1	260	38	10	135	23	0	2	206	1024
12:30 PM	32	1	167	92	1	0	293	55	16	155	55	1	1	282	41	10	158	61	2	0	272	27	6	126	22	1	1	182	1029
12:45 PM	37	3	201	80	0	1	321	45	16	160	60	1	0	282	49	4	180	34	0	1	267	46	2	133	28	0	2	209	1079
Hourly Total	116	14	706	326	2	5	1164	198	55	637	227	2	3	1119	173	44	653	177	5	3	1052	144	25	531	94	3	6	797	4132
1:00 PM	20	4	182	62	0	1	268	65	14	163	53	0	1	295	58	8	159	48	1	1	274	44	1	129	25	2	0	201	1038
1:15 PM	24	1	173	74	1	3	273	62	17	149	67	0	0	295	38	10	157	48	0	3	253	41	1	112	31	0	2	185	1006
1:30 PM	17	7	137	63	0	2	224	58	10	137	55	0	0	260	34	9	160	33	1	0	237	33	5	133	25	0	1	196	917
1:45 PM	18	5	166	84	0	1	273	52	10	145	72	0	0	279	40	13	148	43	0	0	244	34	2	127	19	2	2	184	980
Hourly Total	79	17	658	283	1	7	1038	237	51	594	247	0	1	1129	170	40	624	172	2	4	1008	152	9	501	100	4	5	766	3941
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	29	4	204	58	0	1	295	50	11	161	59	0	0	281	42	9	188	63	2	2	304	31	4	118	23	1	1	177	1057
3:15 PM	32	4	201	69	0	0	306	46	11	146	63	0	1	266	58	10	171	44	2	1	285	34	1	130	19	0	0	184	1041
3:30 PM	16	1	161	70	0	1	248	63	16	178	70	0	2	327	57	11	179	42	0	1	289	38	3	146	26	1	1	214	1078

3:45 PM	24	1	217	74	0	2	316	43	15	147	58	0	2	263	57	2	188	47	1	1	295	48	4	135	23	1	0	211	1085
Hourly Total	101	10	783	271	0	4	1165	202	53	632	250	0	5	1137	214	32	726	196	5	5	1173	151	12	529	91	3	2	786	4261
4:00 PM	16	4	193	84	0	1	297	65	20	179	73	0	0	337	48	9	182	56	1	2	296	46	7	173	23	1	0	250	1180
4:15 PM	17	3	225	62	0	4	307	59	19	140	63	0	0	281	64	6	190	45	1	1	306	44	6	116	25	0	0	191	1085
4:30 PM	17	10	239	62	0	0	328	59	17	182	74	0	0	332	43	19	181	44	0	2	287	42	5	137	26	0	3	210	1157
4:45 PM	21	4	217	80	0	0	322	64	21	128	64	1	0	278	46	10	194	36	2	0	288	40	11	135	22	1	0	209	1097
Hourly Total	71	21	874	288	0	5	1254	247	77	629	274	1	0	1228	201	44	747	181	4	5	1177	172	29	561	96	2	3	860	4519
5:00 PM	30	5	233	73	0	1	341	63	16	167	68	0	2	314	33	8	161	49	1	2	252	60	8	189	35	0	2	292	1199
5:15 PM	15	0	252	66	0	1	333	50	18	130	60	0	0	258	60	23	158	41	2	0	284	35	7	107	19	0	0	168	1043
5:30 PM	23	1	201	62	0	0	287	43	21	113	83	0	0	260	32	21	161	35	1	2	250	25	8	124	28	0	1	185	982
5:45 PM	18	3	183	49	0	0	253	36	15	105	52	0	0	208	27	12	149	24	0	1	212	29	9	74	10	1	1	123	796
Hourly Total	86	9	869	250	0	2	1214	192	70	515	263	0	2	1040	152	64	629	149	4	5	998	149	32	494	92	1	4	768	4020
Grand Total	620	117	5749	1957	5	36	8448	1459	479	4463	1753	5	24	8159	1319	336	5412	1435	27	32	8529	1146	195	3788	702	14	42	5845	30981
Approach %	7.3	1.4	68.1	23.2	0.1	-	-	17.9	5.9	54.7	21.5	0.1	-	-	15.5	3.9	63.5	16.8	0.3	-	-	19.6	3.3	64.8	12.0	0.2	-	-	-
Total %	2.0	0.4	18.6	6.3	0.0	-	27.3	4.7	1.5	14.4	5.7	0.0	-	26.3	4.3	1.1	17.5	4.6	0.1	-	27.5	3.7	0.6	12.2	2.3	0.0	-	18.9	-
Lights	611	113	5630	1938	5	-	8297	1445	475	4335	1728	5	-	7988	1291	334	5296	1329	27	-	8277	1051	187	3690	698	14	-	5640	30202
% Lights	98.5	96.6	97.9	99.0	100.0	-	98.2	99.0	99.2	97.1	98.6	100.0	-	97.9	97.9	99.4	97.9	92.6	100.0	-	97.0	91.7	95.9	97.4	99.4	100.0	-	96.5	97.5
Mediums	4	3	97	17	0	-	121	11	4	111	19	0	-	145	21	2	94	94	0	-	211	84	6	89	4	0	-	183	660
% Mediums	0.6	2.6	1.7	0.9	0.0	-	1.4	0.8	0.8	2.5	1.1	0.0	-	1.8	1.6	0.6	1.7	6.6	0.0	-	2.5	7.3	3.1	2.3	0.6	0.0	-	3.1	2.1
Articulated Trucks	5	1	21	2	0	-	29	2	0	17	5	0	-	24	6	0	21	12	0	-	39	10	2	8	0	0	-	20	112
% Articulated Trucks	0.8	0.9	0.4	0.1	0.0	-	0.3	0.1	0.0	0.4	0.3	0.0	-	0.3	0.5	0.0	0.4	0.8	0.0	-	0.5	0.9	1.0	0.2	0.0	0.0	-	0.3	0.4
Bicycles on Road	0	0	1	0	0	-	1	1	0	0	1	0	-	2	1	0	1	0	0	-	2	1	0	1	0	0	-	2	7
% Bicycles on Road	0.0	0.0	0.0	0.0	0.0	-	0.0	0.1	0.0	0.0	0.1	0.0	-	0.0	0.1	0.0	0.0	0.0	0.0	-	0.0	0.1	0.0	0.0	0.0	0.0	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	-	8	-	-	-	-	-	-	4	-	-	-	-	-	-	3	-	-	-	-	-	-	4	-	-
% Bicycles on Crosswalk	-	-	-	-	-	22.2	-	-	-	-	-	-	16.7	-	-	-	-	-	-	9.4	-	-	-	-	-	-	9.5	-	-
Pedestrians	-	-	-	-	-	28	-	-	-	-	-	-	20	-	-	-	-	-	-	29	-	-	-	-	-	-	38	-	-
% Pedestrians	-	-	-	-	-	77.8	-	-	-	-	-	-	83.3	-	-	-	-	-	-	90.6	-	-	-	-	-	-	90.5	-	-



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Count Name: NM299.03
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Turning Movement Data Plot



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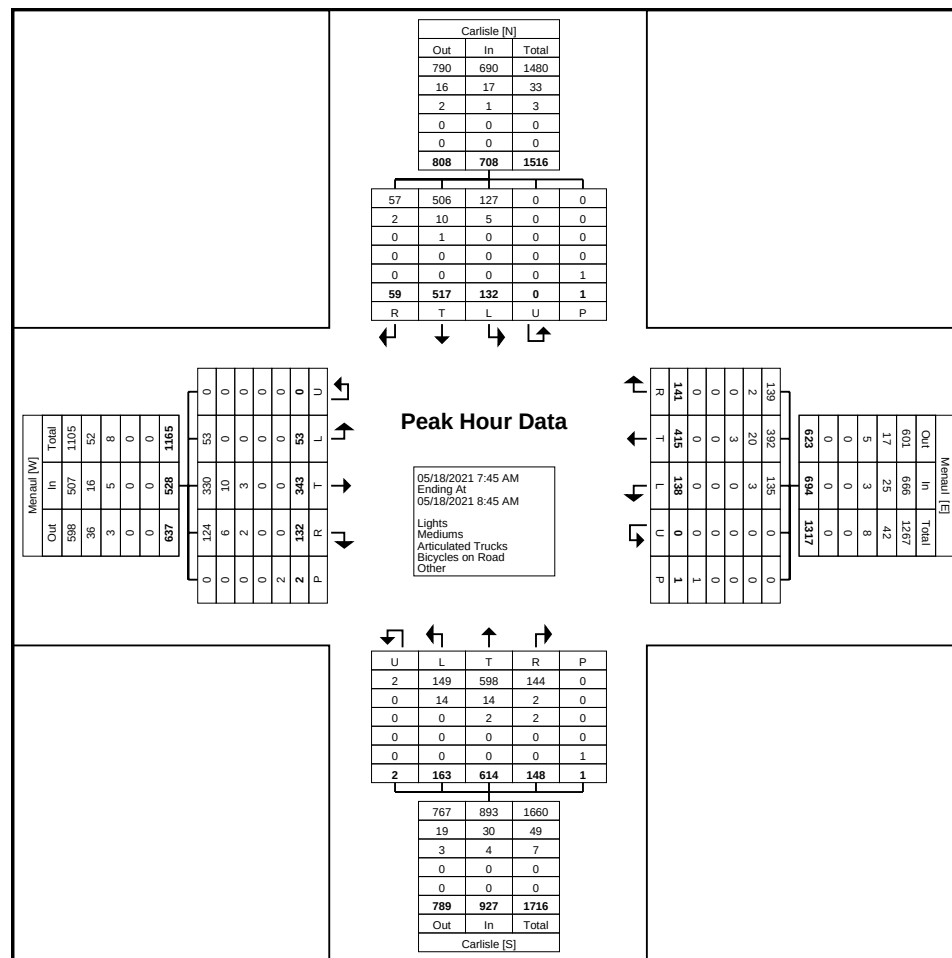
Turning Movement Peak Hour Data (7:45 AM)

Start Time	Carlisle Southbound							Menaul Westbound							Carlisle Northbound							Menaul Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	
7:45 AM	18	3	152	35	0	0	208	32	10	126	42	0	0	210	30	17	183	33	0	0	263	32	2	100	20	0	0	154	835
8:00 AM	9	4	128	37	0	0	178	26	7	103	41	0	0	177	31	9	168	39	0	1	247	19	11	78	8	0	0	116	718
8:15 AM	9	2	119	20	0	0	150	19	12	100	27	0	0	158	24	7	120	43	1	0	195	21	8	79	9	0	1	117	620
8:30 AM	11	3	118	40	0	1	172	25	10	86	28	0	1	149	25	5	143	48	1	0	222	34	5	86	16	0	1	141	684
Total	47	12	517	132	0	1	708	102	39	415	138	0	1	694	110	38	614	163	2	1	927	106	26	343	53	0	2	528	2857
Approach %	6.6	1.7	73.0	18.6	0.0	-	-	14.7	5.6	59.8	19.9	0.0	-	-	11.9	4.1	66.2	17.6	0.2	-	-	20.1	4.9	65.0	10.0	0.0	-	-	-
Total %	1.6	0.4	18.1	4.6	0.0	-	24.8	3.6	1.4	14.5	4.8	0.0	-	24.3	3.9	1.3	21.5	5.7	0.1	-	32.4	3.7	0.9	12.0	1.9	0.0	-	18.5	-
PHF	0.653	0.750	0.850	0.825	0.000	-	0.851	0.797	0.813	0.823	0.821	0.000	-	0.826	0.887	0.559	0.839	0.849	0.500	-	0.881	0.779	0.591	0.858	0.663	0.000	-	0.857	0.855
Lights	45	12	506	127	0	-	690	101	38	392	135	0	-	666	106	38	598	149	2	-	893	99	25	330	53	0	-	507	2756
% Lights	95.7	100.0	97.9	96.2	-	-	97.5	99.0	97.4	94.5	97.8	-	-	96.0	96.4	100.0	97.4	91.4	100.0	-	96.3	93.4	96.2	96.2	100.0	-	-	96.0	96.5
Mediums	2	0	10	5	0	-	17	1	1	20	3	0	-	25	2	0	14	14	0	-	30	5	1	10	0	0	-	16	88
% Mediums	4.3	0.0	1.9	3.8	-	-	2.4	1.0	2.6	4.8	2.2	-	-	3.6	1.8	0.0	2.3	8.6	0.0	-	3.2	4.7	3.8	2.9	0.0	-	-	3.0	3.1
Articulated Trucks	0	0	1	0	0	-	1	0	0	3	0	0	-	3	2	0	2	0	0	-	4	2	0	3	0	0	-	5	13
% Articulated Trucks	0.0	0.0	0.2	0.0	-	-	0.1	0.0	0.0	0.7	0.0	-	-	0.4	1.8	0.0	0.3	0.0	0.0	-	0.4	1.9	0.0	0.9	0.0	-	-	0.9	0.5
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0
% Bicycles on Road	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	-	-	1	-	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	0	-	-	-	-	-	-	2	-	-
% Pedestrians	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data Plot (7:45 AM)



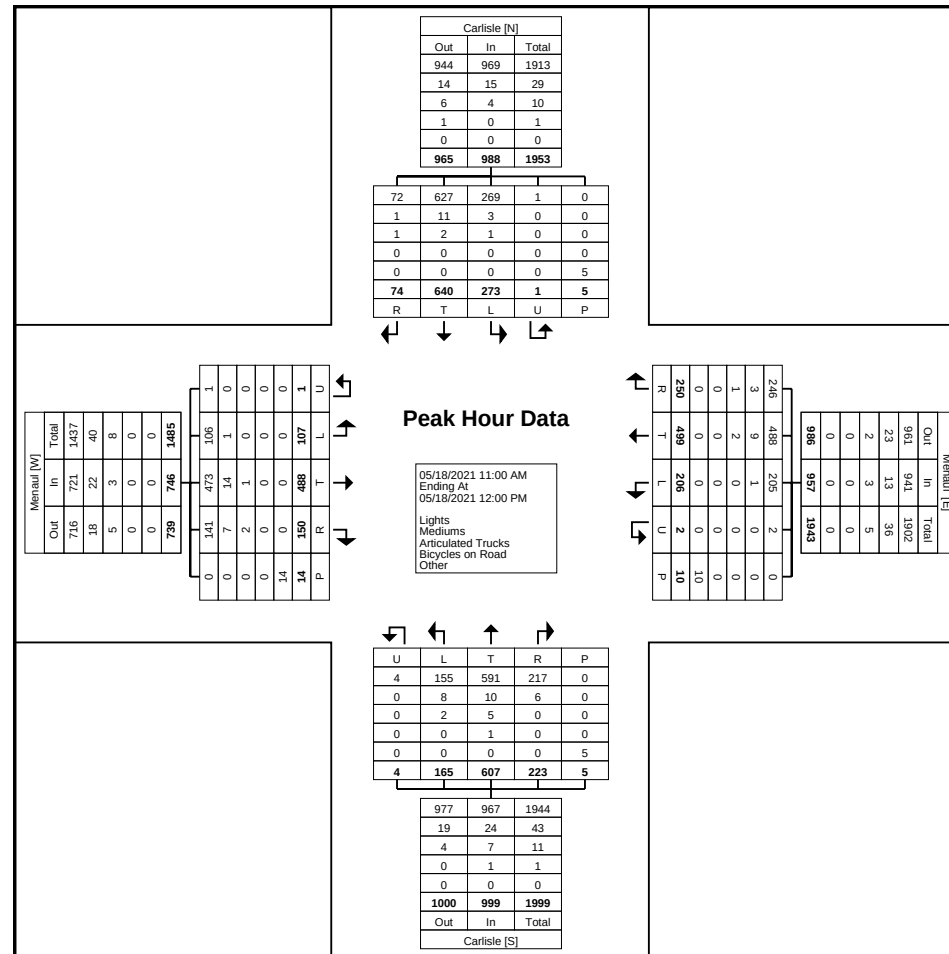
Turning Movement Peak Hour Data (11:00 AM)

Start Time	Carlisle Southbound							Menaul Westbound							Carlisle Northbound							Menaul Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	
11:00 AM	16	1	141	72	0	0	230	34	23	114	47	1	3	219	43	7	162	28	0	2	240	33	10	107	25	1	5	176	865
11:15 AM	12	4	146	80	1	0	243	45	23	118	46	0	1	232	40	3	140	46	1	2	230	29	10	119	24	0	3	182	887
11:30 AM	21	1	177	59	0	1	258	43	14	128	56	0	5	241	59	3	145	47	2	0	256	24	7	125	26	0	5	182	937
11:45 AM	17	2	176	62	0	4	257	50	18	139	57	1	1	265	59	9	160	44	1	1	273	35	2	137	32	0	1	206	1001
Total	66	8	640	273	1	5	988	172	78	499	206	2	10	957	201	22	607	165	4	5	999	121	29	488	107	1	14	746	3690
Approach %	6.7	0.8	64.8	27.6	0.1	-	-	18.0	8.2	52.1	21.5	0.2	-	-	20.1	2.2	60.8	16.5	0.4	-	-	16.2	3.9	65.4	14.3	0.1	-	-	-
Total %	1.8	0.2	17.3	7.4	0.0	-	26.8	4.7	2.1	13.5	5.6	0.1	-	25.9	5.4	0.6	16.4	4.5	0.1	-	27.1	3.3	0.8	13.2	2.9	0.0	-	20.2	-
PHF	0.786	0.500	0.904	0.853	0.250	-	0.957	0.860	0.848	0.897	0.904	0.500	-	0.903	0.852	0.611	0.937	0.878	0.500	-	0.915	0.864	0.725	0.891	0.836	0.250	-	0.905	0.922
Lights	65	7	627	269	1	-	969	169	77	488	205	2	-	941	195	22	591	155	4	-	967	114	27	473	106	1	-	721	3598
% Lights	98.5	87.5	98.0	98.5	100.0	-	98.1	98.3	98.7	97.8	99.5	100.0	-	98.3	97.0	100.0	97.4	93.9	100.0	-	96.8	94.2	93.1	96.9	99.1	100.0	-	96.6	97.5
Mediums	0	1	11	3	0	-	15	2	1	9	1	0	-	13	6	0	10	8	0	-	24	5	2	14	1	0	-	22	74
% Mediums	0.0	12.5	1.7	1.1	0.0	-	1.5	1.2	1.3	1.8	0.5	0.0	-	1.4	3.0	0.0	1.6	4.8	0.0	-	2.4	4.1	6.9	2.9	0.9	0.0	-	2.9	2.0
Articulated Trucks	1	0	2	1	0	-	4	1	0	2	0	0	-	3	0	0	5	2	0	-	7	2	0	1	0	0	-	3	17
% Articulated Trucks	1.5	0.0	0.3	0.4	0.0	-	0.4	0.6	0.0	0.4	0.0	0.0	-	0.3	0.0	0.0	0.8	1.2	0.0	-	0.7	1.7	0.0	0.2	0.0	0.0	-	0.4	0.5
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	1	0	0	-	1	0	0	0	0	0	-	0	1
% Bicycles on Road	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.2	0.0	0.0	-	0.1	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	-	2	-	-	-	-	-	-	3	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-
% Bicycles on Crosswalk	-	-	-	-	-	40.0	-	-	-	-	-	-	30.0	-	-	-	-	-	-	20.0	-	-	-	-	-	-	14.3	-	-
Pedestrians	-	-	-	-	-	3	-	-	-	-	-	-	7	-	-	-	-	-	-	4	-	-	-	-	-	-	12	-	-
% Pedestrians	-	-	-	-	-	60.0	-	-	-	-	-	-	70.0	-	-	-	-	-	-	80.0	-	-	-	-	-	-	85.7	-	-



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Turning Movement Peak Hour Data Plot (11:00 AM)



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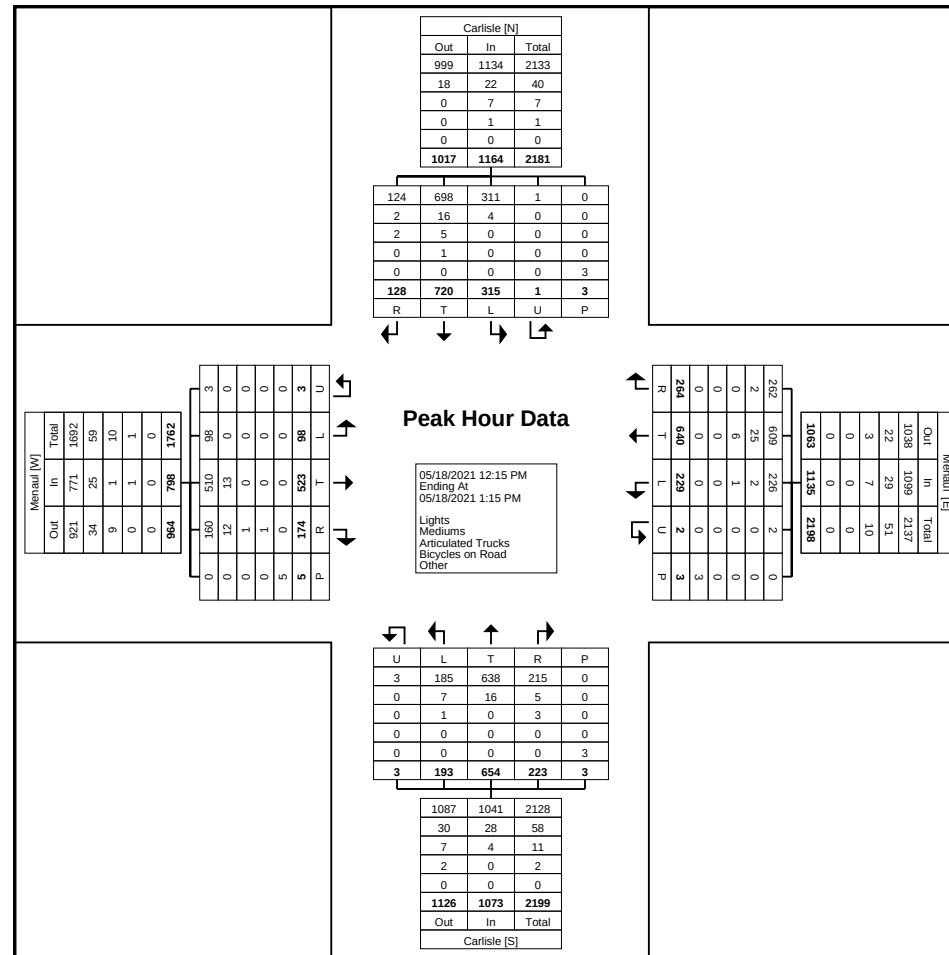
Turning Movement Peak Hour Data (12:15 PM)

Start Time	Carlisle Southbound							Menaul Westbound							Carlisle Northbound							Menaul Eastbound							Int. Total	
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total		
12:15 PM	25	6	170	81	0	1	282	45	8	162	61	0	1	276	39	14	157	50	0	1	260	38	10	135	23	0	2	206	1024	
12:30 PM	32	1	167	92	1	0	293	55	16	155	55	1	1	282	41	10	158	61	2	0	272	27	6	126	22	1	1	182	1029	
12:45 PM	37	3	201	80	0	1	321	45	16	160	60	1	0	282	49	4	180	34	0	1	267	46	2	133	28	0	2	209	1079	
1:00 PM	20	4	182	62	0	1	268	65	14	163	53	0	1	295	58	8	159	48	1	1	274	44	1	129	25	2	0	201	1038	
Total	114	14	720	315	1	3	1164	210	54	640	229	2	3	1135	187	36	654	193	3	3	1073	155	19	523	98	3	5	798	4170	
Approach %	9.8	1.2	61.9	27.1	0.1	-	-	18.5	4.8	56.4	20.2	0.2	-	-	17.4	3.4	61.0	18.0	0.3	-	-	19.4	2.4	65.5	12.3	0.4	-	-	-	-
Total %	2.7	0.3	17.3	7.6	0.0	-	27.9	5.0	1.3	15.3	5.5	0.0	-	27.2	4.5	0.9	15.7	4.6	0.1	-	25.7	3.7	0.5	12.5	2.4	0.1	-	19.1	-	
PHF	0.770	0.583	0.896	0.856	0.250	-	0.907	0.808	0.844	0.982	0.939	0.500	-	0.962	0.806	0.643	0.908	0.791	0.375	-	0.979	0.842	0.475	0.969	0.875	0.375	-	0.955	0.966	
Lights	112	12	698	311	1	-	1134	208	54	609	226	2	-	1099	181	34	638	185	3	-	1041	141	19	510	98	3	-	771	4045	
% Lights	98.2	85.7	96.9	98.7	100.0	-	97.4	99.0	100.0	95.2	98.7	100.0	-	96.8	96.8	94.4	97.6	95.9	100.0	-	97.0	91.0	100.0	97.5	100.0	100.0	-	96.6	97.0	
Mediums	1	1	16	4	0	-	22	2	0	25	2	0	-	29	3	2	16	7	0	-	28	12	0	13	0	0	-	25	104	
% Mediums	0.9	7.1	2.2	1.3	0.0	-	1.9	1.0	0.0	3.9	0.9	0.0	-	2.6	1.6	5.6	2.4	3.6	0.0	-	2.6	7.7	0.0	2.5	0.0	0.0	-	3.1	2.5	
Articulated Trucks	1	1	5	0	0	-	7	0	0	6	1	0	-	7	3	0	0	1	0	-	4	1	0	0	0	0	-	1	19	
% Articulated Trucks	0.9	7.1	0.7	0.0	0.0	-	0.6	0.0	0.0	0.9	0.4	0.0	-	0.6	1.6	0.0	0.0	0.5	0.0	-	0.4	0.6	0.0	0.0	0.0	0.0	-	0.1	0.5	
Bicycles on Road	0	0	1	0	0	-	1	0	0	0	0	0	-	0	0	0	0	0	0	-	0	1	0	0	0	0	-	1	2	
% Bicycles on Road	0.0	0.0	0.1	0.0	0.0	-	0.1	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.6	0.0	0.0	0.0	0.0	-	0.1	0.0	
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	
% Bicycles on Crosswalk	-	-	-	-	-	33.3	-	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0	-	-	
Pedestrians	-	-	-	-	-	2	-	-	-	-	-	-	3	-	-	-	-	-	-	3	-	-	-	-	-	-	5	-	-	
% Pedestrians	-	-	-	-	-	66.7	-	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-	-	



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Turning Movement Peak Hour Data Plot (12:15 PM)



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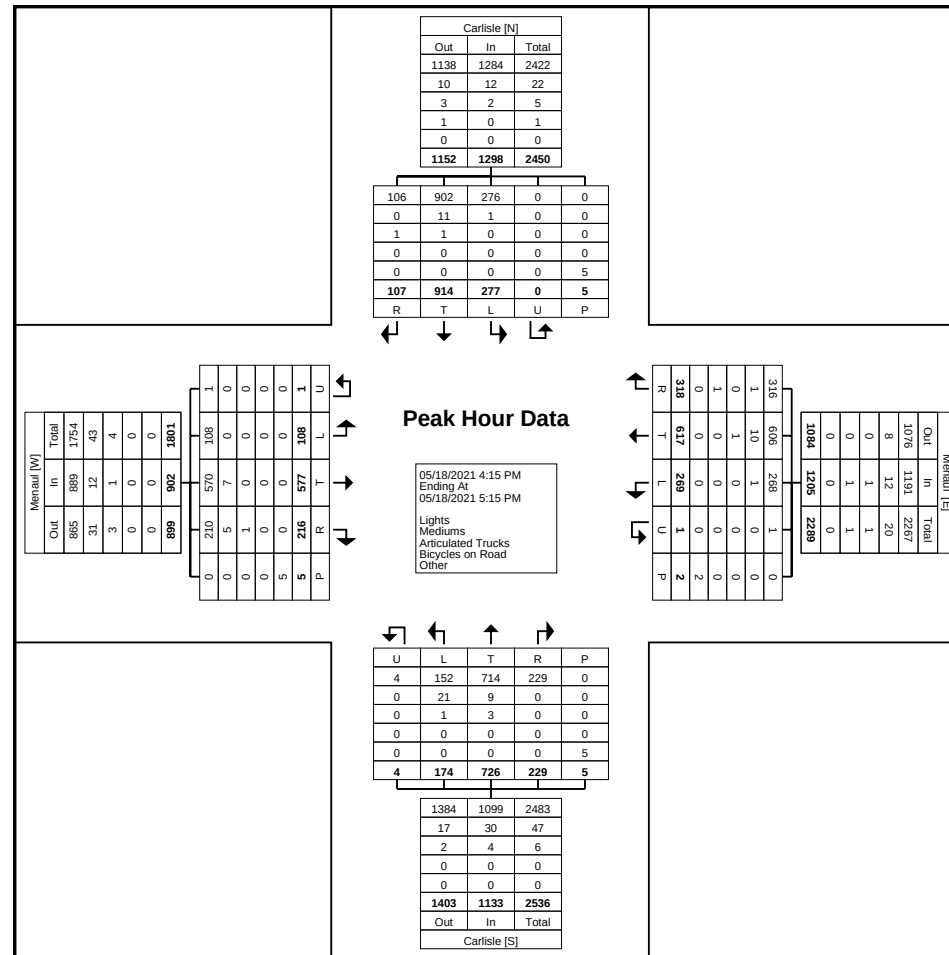
Turning Movement Peak Hour Data (4:15 PM)

Start Time	Carlisle Southbound							Menaul Westbound							Carlisle Northbound							Menaul Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	
4:15 PM	17	3	225	62	0	4	307	59	19	140	63	0	0	281	64	6	190	45	1	1	306	44	6	116	25	0	0	191	1085
4:30 PM	17	10	239	62	0	0	328	59	17	182	74	0	0	332	43	19	181	44	0	2	287	42	5	137	26	0	3	210	1157
4:45 PM	21	4	217	80	0	0	322	64	21	128	64	1	0	278	46	10	194	36	2	0	288	40	11	135	22	1	0	209	1097
5:00 PM	30	5	233	73	0	1	341	63	16	167	68	0	2	314	33	8	161	49	1	2	252	60	8	189	35	0	2	292	1199
Total	85	22	914	277	0	5	1298	245	73	617	269	1	2	1205	186	43	726	174	4	5	1133	186	30	577	108	1	5	902	4538
Approach %	6.5	1.7	70.4	21.3	0.0	-	-	20.3	6.1	51.2	22.3	0.1	-	-	16.4	3.8	64.1	15.4	0.4	-	-	20.6	3.3	64.0	12.0	0.1	-	-	-
Total %	1.9	0.5	20.1	6.1	0.0	-	28.6	5.4	1.6	13.6	5.9	0.0	-	26.6	4.1	0.9	16.0	3.8	0.1	-	25.0	4.1	0.7	12.7	2.4	0.0	-	19.9	-
PHF	0.708	0.550	0.956	0.866	0.000	-	0.952	0.957	0.869	0.848	0.909	0.250	-	0.907	0.727	0.566	0.936	0.888	0.500	-	0.926	0.775	0.682	0.763	0.771	0.250	-	0.772	0.946
Lights	84	22	902	276	0	-	1284	244	72	606	268	1	-	1191	186	43	714	152	4	-	1099	180	30	570	108	1	-	889	4463
% Lights	98.8	100.0	98.7	99.6	-	-	98.9	99.6	98.6	98.2	99.6	100.0	-	98.8	100.0	100.0	98.3	87.4	100.0	-	97.0	96.8	100.0	98.8	100.0	100.0	-	98.6	98.3
Mediums	0	0	11	1	0	-	12	0	1	10	1	0	-	12	0	0	9	21	0	-	30	5	0	7	0	0	-	12	66
% Mediums	0.0	0.0	1.2	0.4	-	-	0.9	0.0	1.4	1.6	0.4	0.0	-	1.0	0.0	0.0	1.2	12.1	0.0	-	2.6	2.7	0.0	1.2	0.0	0.0	-	1.3	1.5
Articulated Trucks	1	0	1	0	0	-	2	0	0	1	0	0	-	1	0	0	3	1	0	-	4	1	0	0	0	0	-	1	8
% Articulated Trucks	1.2	0.0	0.1	0.0	-	-	0.2	0.0	0.0	0.2	0.0	0.0	-	0.1	0.0	0.0	0.4	0.6	0.0	-	0.4	0.5	0.0	0.0	0.0	0.0	-	0.1	0.2
Bicycles on Road	0	0	0	0	0	-	0	1	0	0	0	0	-	1	0	0	0	0	0	-	0	0	0	0	0	0	-	0	1
% Bicycles on Road	0.0	0.0	0.0	0.0	-	-	0.0	0.4	0.0	0.0	0.0	0.0	-	0.1	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	20.0	-	-	-	-	-	0.0	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	-	4	-	-	-	-	-	2	-	-	-	-	-	-	-	5	-	-	-	-	-	-	5	-	-
% Pedestrians	-	-	-	-	-	80.0	-	-	-	-	-	100.0	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data Plot (4:15 PM)



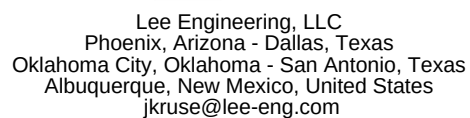
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Site Code: SCUAX9
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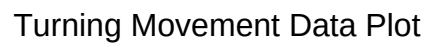
Turning Movement Data

Start Time	Carlisle Southbound						Driveway Westbound						Carlisle Northbound						Prospect Eastbound						Int. Total
	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	
6:00 AM	0	61	0	0	0	61	1	0	0	0	0	1	0	91	8	0	0	99	2	0	0	0	2	2	163
6:15 AM	0	80	1	0	0	81	0	0	3	0	1	3	1	79	8	3	0	91	5	0	1	0	0	6	181
6:30 AM	1	112	0	1	0	114	0	1	1	0	0	2	1	125	10	0	0	136	2	0	0	0	1	2	254
6:45 AM	2	110	3	0	0	115	1	0	6	0	0	7	3	147	14	3	0	167	6	0	0	0	0	6	295
Hourly Total	3	363	4	1	0	371	2	1	10	0	1	13	5	442	40	6	0	493	15	0	1	0	3	16	893
7:00 AM	2	150	0	0	0	152	1	0	5	0	0	6	1	131	17	3	0	152	16	0	4	0	0	20	330
7:15 AM	11	151	0	1	0	163	4	0	4	0	0	8	4	143	14	2	0	163	10	0	5	0	0	15	349
7:30 AM	7	167	1	1	0	176	3	0	1	0	1	4	1	210	28	3	0	242	11	0	3	0	1	14	436
7:45 AM	4	217	1	0	0	222	2	0	4	0	1	6	2	272	22	1	0	297	4	0	2	0	0	6	531
Hourly Total	24	685	2	2	0	713	10	0	14	0	2	24	8	756	81	9	0	854	41	0	14	0	1	55	1646
8:00 AM	10	190	2	2	0	204	5	0	2	0	1	7	5	236	29	3	1	273	7	0	4	0	1	11	495
8:15 AM	5	171	3	1	2	180	2	0	3	0	0	5	2	188	19	1	0	210	8	1	4	0	1	13	408
8:30 AM	4	184	2	1	0	191	2	0	5	0	0	7	0	205	24	2	0	231	14	0	4	0	1	18	447
8:45 AM	1	185	3	0	1	189	0	1	3	0	2	4	1	240	20	3	0	264	13	0	5	0	0	18	475
Hourly Total	20	730	10	4	3	764	9	1	13	0	3	23	8	869	92	9	1	978	42	1	17	0	3	60	1825
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	13	215	2	3	0	233	2	0	5	0	0	7	3	246	14	2	0	265	12	0	4	0	0	16	521
11:15 AM	13	212	5	2	1	232	4	0	3	0	0	7	2	222	20	1	0	245	20	0	3	0	0	23	507
11:30 AM	5	262	1	0	0	268	5	0	2	0	0	7	1	229	20	3	0	253	18	0	7	0	3	25	553
11:45 AM	10	258	2	2	0	272	4	0	1	0	1	5	3	266	24	3	0	296	12	0	7	0	0	19	592
Hourly Total	41	947	10	7	1	1005	15	0	11	0	1	26	9	963	78	9	0	1059	62	0	21	0	3	83	2173
12:00 PM	12	245	1	2	0	260	0	0	5	0	2	5	5	253	27	5	2	290	14	0	2	0	1	16	571
12:15 PM	12	263	3	3	0	281	3	0	0	0	1	3	7	260	20	5	2	292	21	0	4	0	1	25	601
12:30 PM	8	256	3	0	0	267	3	0	2	0	2	5	1	271	21	5	2	298	14	0	5	0	0	19	589
12:45 PM	16	292	6	2	0	316	2	1	2	0	1	5	2	255	24	1	1	282	19	0	4	0	1	23	626
Hourly Total	48	1056	13	7	0	1124	8	1	9	0	6	18	15	1039	92	16	7	1162	68	0	15	0	3	83	2387
1:00 PM	11	264	5	2	0	282	6	1	5	0	0	12	4	259	15	2	0	280	15	1	5	0	0	21	595
1:15 PM	7	270	1	3	0	281	6	0	3	0	2	9	2	243	23	3	1	271	8	0	4	0	2	12	573
1:30 PM	7	221	3	1	0	232	3	0	4	0	0	7	2	243	14	2	0	261	15	0	4	0	0	19	519
1:45 PM	2	268	4	1	0	275	7	0	6	0	1	13	4	227	7	2	1	240	10	0	5	0	0	15	543
Hourly Total	27	1023	13	7	0	1070	22	1	18	0	3	41	12	972	59	9	2	1052	48	1	18	0	2	67	2230
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	15	293	4	1	0	313	2	0	4	0	4	6	1	309	11	0	1	321	11	0	6	0	0	17	657
3:15 PM	14	292	3	0	0	309	2	0	4	0	2	6	8	257	23	3	0	291	15	0	4	0	0	19	625
3:30 PM	4	279	3	1	0	287	1	0	3	0	0	4	2	312	12	1	0	327	17	0	2	0	0	19	637

3:45 PM	9	323	8	1	1	341	2	0	0	0	2	2	4	285	10	7	0	306	8	0	2	0	1	10	659
Hourly Total	42	1187	18	3	1	1250	7	0	11	0	8	18	15	1163	56	11	1	1245	51	0	14	0	1	65	2578
4:00 PM	7	305	3	4	1	319	3	0	3	0	0	6	4	323	14	7	1	348	18	0	2	0	2	20	693
4:15 PM	9	324	2	0	1	335	4	0	5	0	1	9	3	278	22	2	0	305	25	0	5	0	0	30	679
4:30 PM	6	345	5	3	0	359	2	0	5	0	0	7	2	295	15	2	0	314	14	1	2	0	1	17	697
4:45 PM	10	312	5	2	0	329	2	0	2	0	0	4	8	271	16	1	0	296	18	0	3	0	0	21	650
Hourly Total	32	1286	15	9	2	1342	11	0	15	0	1	26	17	1167	67	12	1	1263	75	1	12	0	3	88	2719
5:00 PM	8	345	6	2	0	361	5	0	8	0	0	13	5	261	21	3	0	290	25	0	4	0	0	29	693
5:15 PM	20	324	6	1	0	351	4	0	2	0	0	6	7	272	23	2	0	304	13	0	6	0	0	19	680
5:30 PM	7	303	7	0	0	317	4	0	5	0	2	9	7	254	17	2	0	280	16	0	1	0	0	17	623
5:45 PM	7	263	0	0	0	270	3	2	6	0	1	11	9	200	11	3	0	223	6	1	2	0	1	9	513
Hourly Total	42	1235	19	3	0	1299	16	2	21	0	3	39	28	987	72	10	0	1097	60	1	13	0	1	74	2509
Grand Total	279	8512	104	43	7	8938	100	6	122	0	28	228	117	8358	637	91	12	9203	462	4	125	0	20	591	18960
Approach %	3.1	95.2	1.2	0.5	-	-	43.9	2.6	53.5	0.0	-	-	1.3	90.8	6.9	1.0	-	-	78.2	0.7	21.2	0.0	-	-	-
Total %	1.5	44.9	0.5	0.2	-	47.1	0.5	0.0	0.6	0.0	-	1.2	0.6	44.1	3.4	0.5	-	48.5	2.4	0.0	0.7	0.0	-	3.1	-
Lights	274	8254	102	43	-	8673	99	6	122	0	-	227	116	8110	615	90	-	8931	450	4	120	0	-	574	18405
% Lights	98.2	97.0	98.1	100.0	-	97.0	99.0	100.0	100.0	-	-	99.6	99.1	97.0	96.5	98.9	-	97.0	97.4	100.0	96.0	-	-	97.1	97.1
Mediums	4	220	2	0	-	226	1	0	0	0	-	1	1	212	19	1	-	233	6	0	4	0	-	10	470
% Mediums	1.4	2.6	1.9	0.0	-	2.5	1.0	0.0	0.0	-	-	0.4	0.9	2.5	3.0	1.1	-	2.5	1.3	0.0	3.2	-	-	1.7	2.5
Articulated Trucks	0	36	0	0	-	36	0	0	0	0	-	0	0	36	2	0	-	38	3	0	1	0	-	4	78
% Articulated Trucks	0.0	0.4	0.0	0.0	-	0.4	0.0	0.0	0.0	-	-	0.0	0.0	0.4	0.3	0.0	-	0.4	0.6	0.0	0.8	-	-	0.7	0.4
Bicycles on Road	1	2	0	0	-	3	0	0	0	0	-	0	0	0	1	0	-	1	3	0	0	0	-	3	7
% Bicycles on Road	0.4	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.2	0.0	-	0.0	0.6	0.0	0.0	-	-	0.5	0.0
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	6	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	3.6	-	-	-	-	-	8.3	-	-	-	-	-	30.0	-	-
Pedestrians	-	-	-	-	7	-	-	-	-	-	27	-	-	-	-	-	11	-	-	-	-	-	14	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	96.4	-	-	-	-	-	91.7	-	-	-	-	-	70.0	-	-



Count Name: NM299.03
Site Code: SCUAX9
Start Date: 05/18/2021
Page No: 3



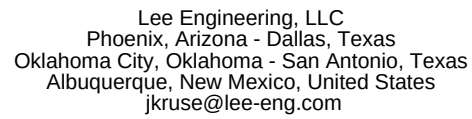


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Count Name: NM299.03
 Site Code: SCUAX9
 Start Date: 05/18/2021
 Page No: 4

Turning Movement Peak Hour Data (7:45 AM)

Start Time	Carlisle Southbound						Driveway Westbound						Carlisle Northbound						Prospect Eastbound						Int. Total
	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	
7:45 AM	4	217	1	0	0	222	2	0	4	0	1	6	2	272	22	1	0	297	4	0	2	0	0	6	531
8:00 AM	10	190	2	2	0	204	5	0	2	0	1	7	5	236	29	3	1	273	7	0	4	0	1	11	495
8:15 AM	5	171	3	1	2	180	2	0	3	0	0	5	2	188	19	1	0	210	8	1	4	0	1	13	408
8:30 AM	4	184	2	1	0	191	2	0	5	0	0	7	0	205	24	2	0	231	14	0	4	0	1	18	447
Total	23	762	8	4	2	797	11	0	14	0	2	25	9	901	94	7	1	1011	33	1	14	0	3	48	1881
Approach %	2.9	95.6	1.0	0.5	-	-	44.0	0.0	56.0	0.0	-	-	0.9	89.1	9.3	0.7	-	-	68.8	2.1	29.2	0.0	-	-	-
Total %	1.2	40.5	0.4	0.2	-	42.4	0.6	0.0	0.7	0.0	-	1.3	0.5	47.9	5.0	0.4	-	53.7	1.8	0.1	0.7	0.0	-	2.6	-
PHF	0.575	0.878	0.667	0.500	-	0.898	0.550	0.000	0.700	0.000	-	0.893	0.450	0.828	0.810	0.583	-	0.851	0.589	0.250	0.875	0.000	-	0.667	0.886
Lights	23	737	7	4	-	771	11	0	14	0	-	25	9	870	88	7	-	974	31	1	11	0	-	43	1813
% Lights	100.0	96.7	87.5	100.0	-	96.7	100.0	-	100.0	-	-	100.0	100.0	96.6	93.6	100.0	-	96.3	93.9	100.0	78.6	-	-	89.6	96.4
Mediums	0	22	1	0	-	23	0	0	0	0	-	0	0	26	4	0	-	30	1	0	2	0	-	3	56
% Mediums	0.0	2.9	12.5	0.0	-	2.9	0.0	-	0.0	-	-	0.0	0.0	2.9	4.3	0.0	-	3.0	3.0	0.0	14.3	-	-	6.3	3.0
Articulated Trucks	0	3	0	0	-	3	0	0	0	0	-	0	0	5	2	0	-	7	1	0	1	0	-	2	12
% Articulated Trucks	0.0	0.4	0.0	0.0	-	0.4	0.0	-	0.0	-	-	0.0	0.0	0.6	2.1	0.0	-	0.7	3.0	0.0	7.1	-	-	4.2	0.6
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	0.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	3	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-





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Count Name: NM299.03

Site Code: SCUAX9

Start Date: 05/18/2021

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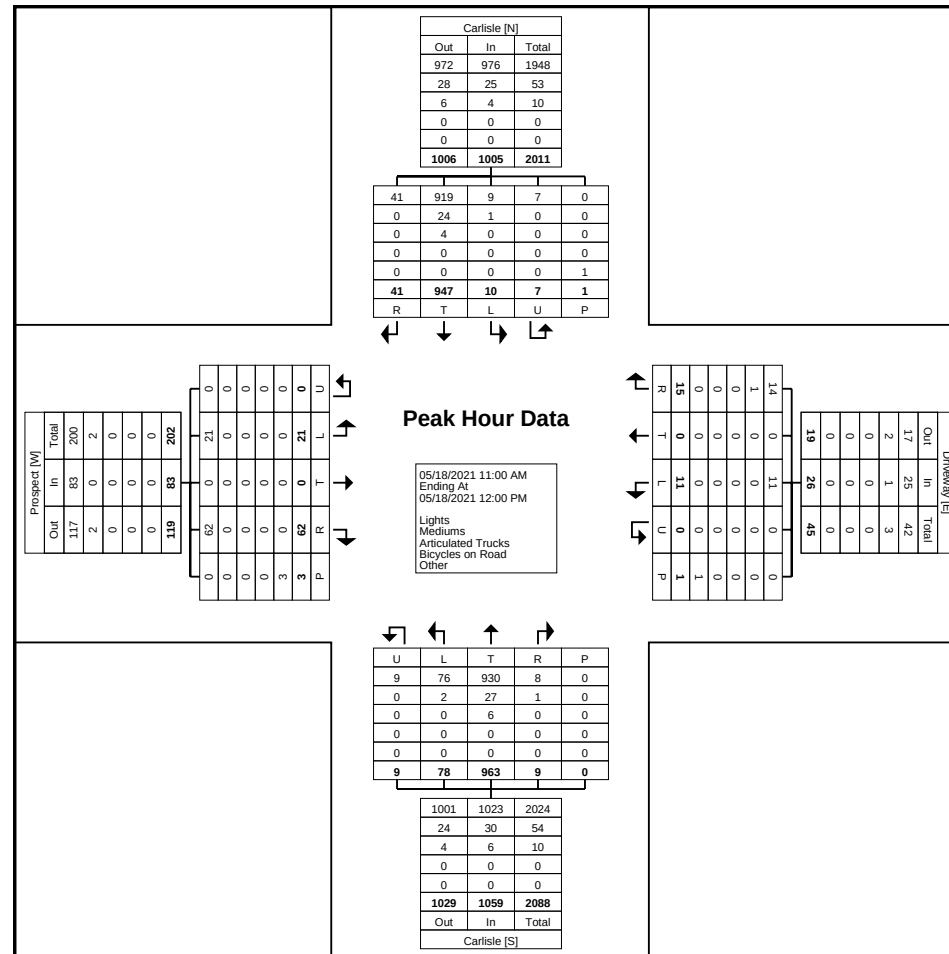
Turning Movement Peak Hour Data (11:00 AM)

[illegible]



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Count Name: NM299.03
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Turning Movement Peak Hour Data Plot (11:00 AM)



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Count Name: NM299.03
Site Code: SCUAX9
Start Date: 05/18/2021
Page No: 8

Turning Movement Peak Hour Data (12:15 PM)

Start Time	Carlisle Southbound						Driveway Westbound						Carlisle Northbound						Prospect Eastbound						Int. Total
	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	
12:15 PM	12	263	3	3	0	281	3	0	0	0	1	3	7	260	20	5	2	292	21	0	4	0	1	25	601
12:30 PM	8	256	3	0	0	267	3	0	2	0	2	5	1	271	21	5	2	298	14	0	5	0	0	19	589
12:45 PM	16	292	6	2	0	316	2	1	2	0	1	5	2	255	24	1	1	282	19	0	4	0	1	23	626
1:00 PM	11	264	5	2	0	282	6	1	5	0	0	12	4	259	15	2	0	280	15	1	5	0	0	21	595
Total	47	1075	17	7	0	1146	14	2	9	0	4	25	14	1045	80	13	5	1152	69	1	18	0	2	88	2411
Approach %	4.1	93.8	1.5	0.6	-	-	56.0	8.0	36.0	0.0	-	-	1.2	90.7	6.9	1.1	-	-	78.4	1.1	20.5	0.0	-	-	-
Total %	1.9	44.6	0.7	0.3	-	47.5	0.6	0.1	0.4	0.0	-	1.0	0.6	43.3	3.3	0.5	-	47.8	2.9	0.0	0.7	0.0	-	3.6	-
PHF	0.734	0.920	0.708	0.583	-	0.907	0.583	0.500	0.450	0.000	-	0.521	0.500	0.964	0.833	0.650	-	0.966	0.821	0.250	0.900	0.000	-	0.880	0.963
Lights	47	1033	17	7	-	1104	14	2	9	0	-	25	14	1015	77	13	-	1119	68	1	18	0	-	87	2335
% Lights	100.0	96.1	100.0	100.0	-	96.3	100.0	100.0	100.0	-	-	100.0	100.0	97.1	96.3	100.0	-	97.1	98.6	100.0	100.0	-	-	98.9	96.8
Mediums	0	34	0	0	-	34	0	0	0	0	-	0	0	27	3	0	-	30	1	0	0	0	-	1	65
% Mediums	0.0	3.2	0.0	0.0	-	3.0	0.0	0.0	0.0	-	-	0.0	0.0	2.6	3.8	0.0	-	2.6	1.4	0.0	0.0	-	-	1.1	2.7
Articulated Trucks	0	6	0	0	-	6	0	0	0	0	-	0	0	3	0	0	-	3	0	0	0	0	-	0	9
% Articulated Trucks	0.0	0.6	0.0	0.0	-	0.5	0.0	0.0	0.0	-	-	0.0	0.0	0.3	0.0	0.0	-	0.3	0.0	0.0	0.0	-	-	0.0	0.4
Bicycles on Road	0	2	0	0	-	2	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	2
% Bicycles on Road	0.0	0.2	0.0	0.0	-	0.2	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	0.0	0.1
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-	-	-	-	50.0	-	-
Pedestrians	-	-	-	-	0	-	-	-	-	-	4	-	-	-	-	-	5	-	-	-	-	-	1	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	50.0	-	-



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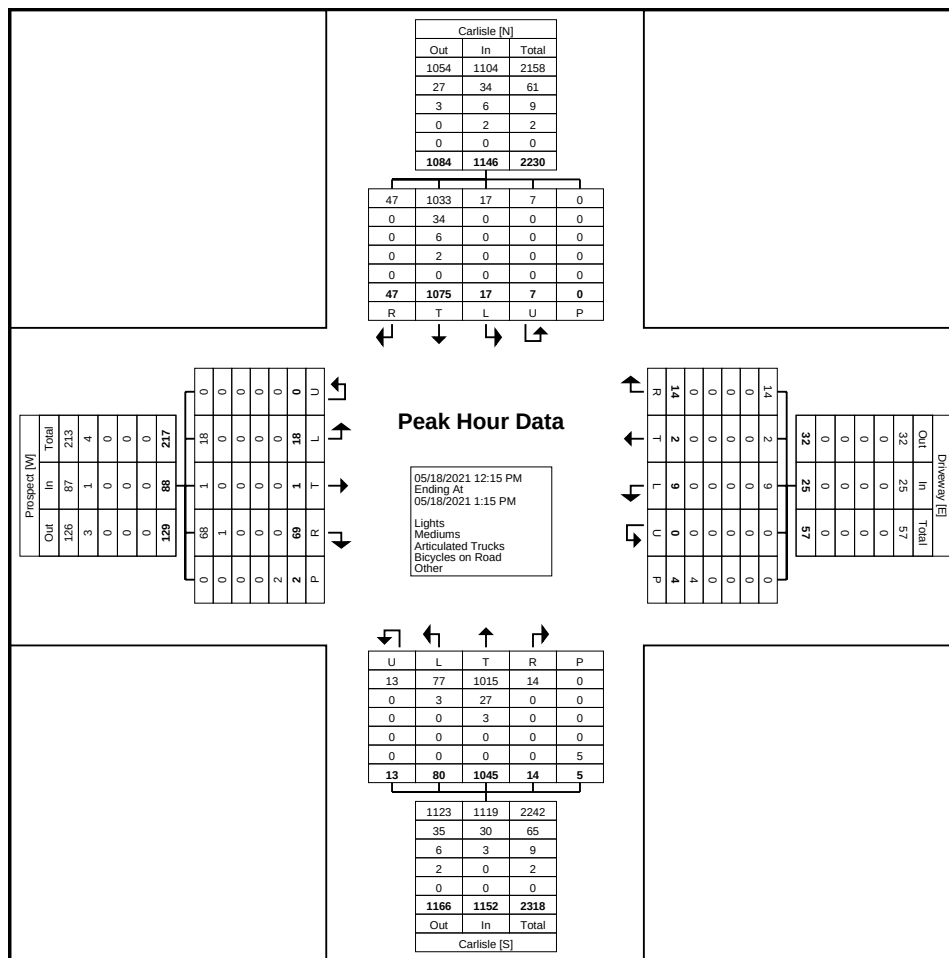
jkruse@lee-eng.com

Count Name: NM299.03

Site Code: SCUAX9

Start Date: 05/18/2021

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Turning Movement Peak Hour Data Plot (12:15 PM)

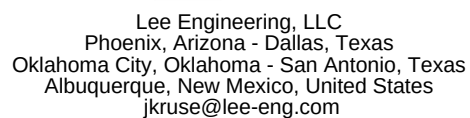


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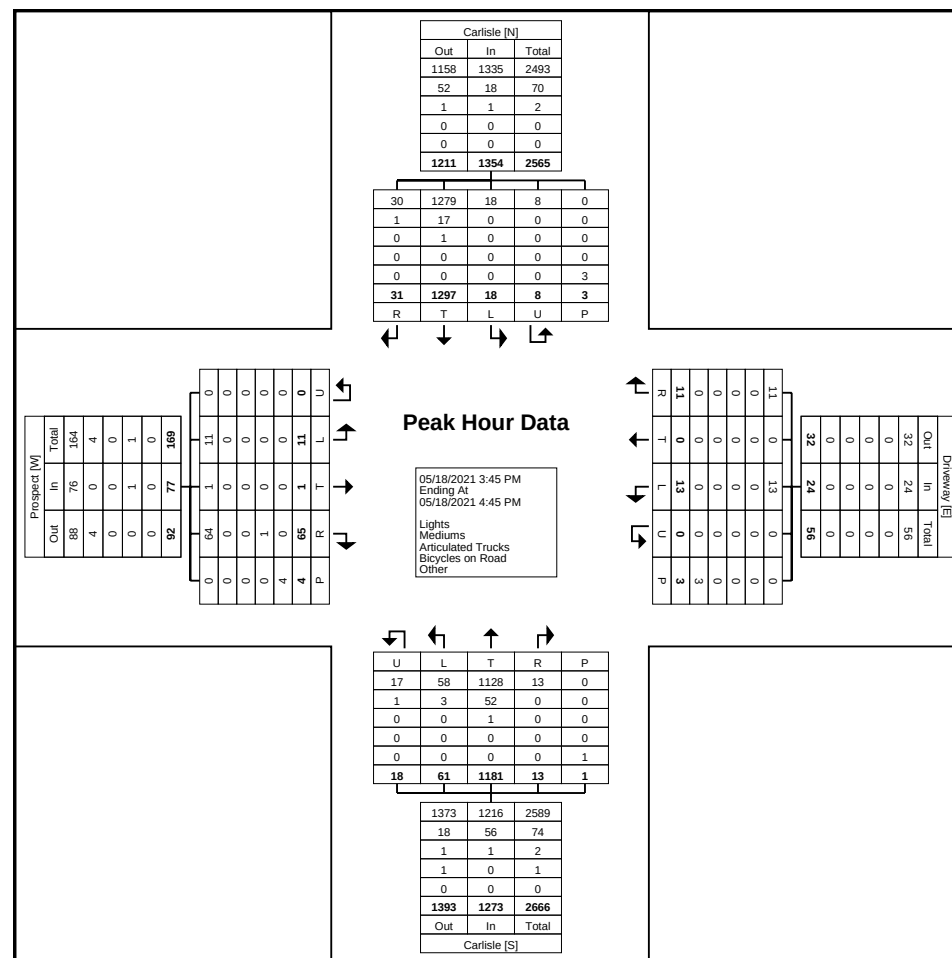
Count Name: NM299.03
 Site Code: SCUAX9
 Start Date: 05/18/2021
 Page No: 10

Turning Movement Peak Hour Data (3:45 PM)

Start Time	Carlisle Southbound						Driveway Westbound						Carlisle Northbound						Prospect Eastbound						Int. Total
	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	
3:45 PM	9	323	8	1	1	341	2	0	0	0	2	2	4	285	10	7	0	306	8	0	2	0	1	10	659
4:00 PM	7	305	3	4	1	319	3	0	3	0	0	6	4	323	14	7	1	348	18	0	2	0	2	20	693
4:15 PM	9	324	2	0	1	335	4	0	5	0	1	9	3	278	22	2	0	305	25	0	5	0	0	30	679
4:30 PM	6	345	5	3	0	359	2	0	5	0	0	7	2	295	15	2	0	314	14	1	2	0	1	17	697
Total	31	1297	18	8	3	1354	11	0	13	0	3	24	13	1181	61	18	1	1273	65	1	11	0	4	77	2728
Approach %	2.3	95.8	1.3	0.6	-	-	45.8	0.0	54.2	0.0	-	-	1.0	92.8	4.8	1.4	-	-	84.4	1.3	14.3	0.0	-	-	-
Total %	1.1	47.5	0.7	0.3	-	49.6	0.4	0.0	0.5	0.0	-	0.9	0.5	43.3	2.2	0.7	-	46.7	2.4	0.0	0.4	0.0	-	2.8	-
PHF	0.861	0.940	0.563	0.500	-	0.943	0.688	0.000	0.650	0.000	-	0.667	0.813	0.914	0.693	0.643	-	0.915	0.650	0.250	0.550	0.000	-	0.642	0.978
Lights	30	1279	18	8	-	1335	11	0	13	0	-	24	13	1128	58	17	-	1216	64	1	11	0	-	76	2651
% Lights	96.8	98.6	100.0	100.0	-	98.6	100.0	-	100.0	-	-	100.0	100.0	95.5	95.1	94.4	-	95.5	98.5	100.0	100.0	-	-	98.7	97.2
Mediums	1	17	0	0	-	18	0	0	0	0	-	0	0	52	3	1	-	56	0	0	0	0	-	0	74
% Mediums	3.2	1.3	0.0	0.0	-	1.3	0.0	-	0.0	-	-	0.0	0.0	4.4	4.9	5.6	-	4.4	0.0	0.0	0.0	-	-	0.0	2.7
Articulated Trucks	0	1	0	0	-	1	0	0	0	0	-	0	0	1	0	0	-	1	0	0	0	0	-	0	2
% Articulated Trucks	0.0	0.1	0.0	0.0	-	0.1	0.0	-	0.0	-	-	0.0	0.0	0.1	0.0	0.0	-	0.1	0.0	0.0	0.0	-	-	0.0	0.1
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	1	0	0	0	-	1	1
% Bicycles on Road	0.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	-	0.0	0.0	0.0	0.0	0.0	-	0.0	1.5	0.0	0.0	-	-	1.3	0.0
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	2	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-	-	-	-	100.0	-	-	-	-	-	50.0	-	-
Pedestrians	-	-	-	-	3	-	-	-	-	-	3	-	-	-	-	-	0	-	-	-	-	-	2	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	0.0	-	-	-	-	-	50.0	-	-



Count Name: NM299.03
Site Code: SCUAX9
Start Date: 05/18/2021
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Count Name: NM299.03
Site Code: SCU5DE
Start Date: 05/18/2021
Page No: 1

Turning Movement Data

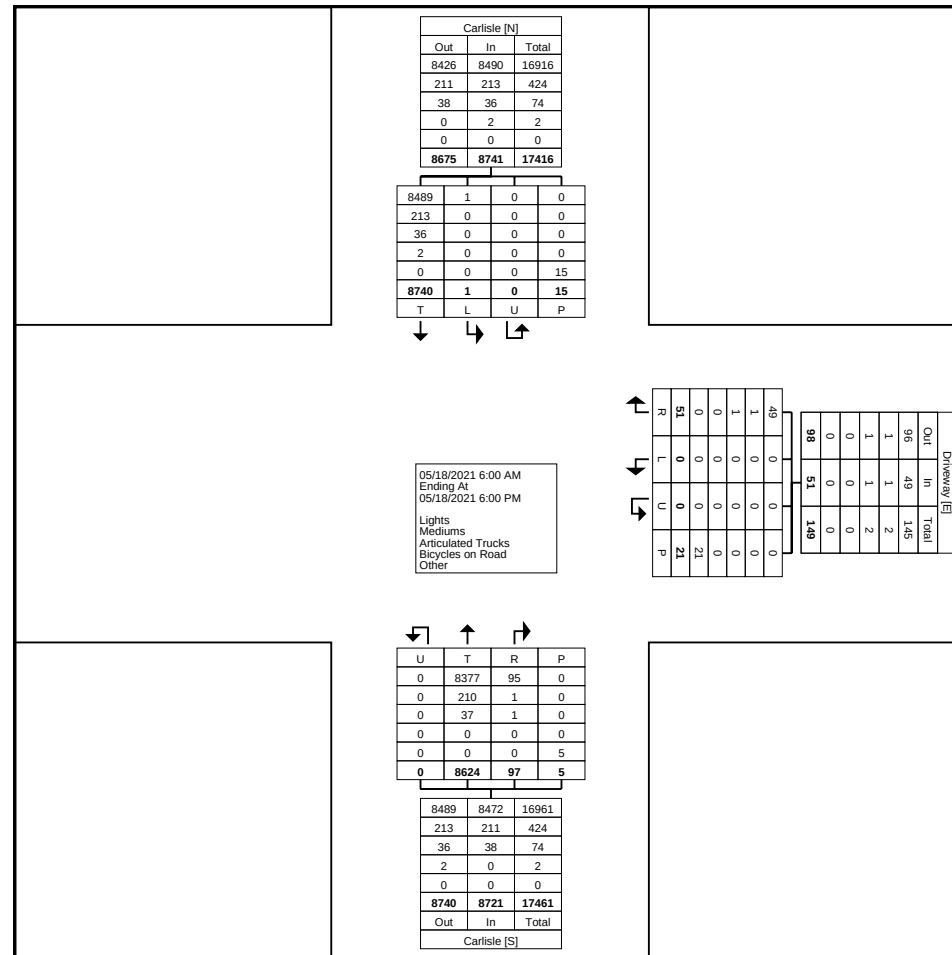
Start Time	Carlisle Southbound					Driveway Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
6:00 AM	61	0	0	0	61	0	0	0	0	0	2	90	0	0	92	153
6:15 AM	81	0	0	0	81	0	0	0	0	0	1	81	0	0	82	163
6:30 AM	109	0	0	3	109	0	0	0	0	0	0	124	0	0	124	233
6:45 AM	114	0	0	0	114	0	0	0	1	0	0	151	0	0	151	265
Hourly Total	365	0	0	3	365	0	0	0	1	0	3	446	0	0	449	814
7:00 AM	156	0	0	0	156	1	0	0	0	1	4	135	0	0	139	296
7:15 AM	156	0	0	0	156	1	0	0	0	1	1	152	0	0	153	310
7:30 AM	161	0	0	0	161	1	0	0	1	1	2	223	0	0	225	387
7:45 AM	200	0	0	0	200	1	0	0	1	1	1	284	0	0	285	486
Hourly Total	673	0	0	0	673	4	0	0	2	4	8	794	0	0	802	1479
8:00 AM	195	0	0	0	195	0	0	0	0	0	1	244	0	0	245	440
8:15 AM	176	0	0	0	176	1	0	0	0	1	5	196	0	0	201	378
8:30 AM	196	0	0	0	196	2	0	0	0	2	1	216	0	0	217	415
8:45 AM	177	0	0	0	177	2	0	0	1	2	1	249	0	0	250	429
Hourly Total	744	0	0	0	744	5	0	0	1	5	8	905	0	0	913	1662
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	231	0	0	0	231	2	0	0	0	2	3	252	0	0	255	488
11:15 AM	242	0	0	2	242	1	0	0	1	1	0	233	0	0	233	476
11:30 AM	259	0	0	0	259	1	0	0	0	1	1	249	0	0	250	510
11:45 AM	259	0	0	1	259	3	0	0	1	3	3	278	0	0	281	543
Hourly Total	991	0	0	3	991	7	0	0	2	7	7	1012	0	0	1019	2017
12:00 PM	252	0	0	0	252	5	0	0	0	5	4	250	0	0	254	511
12:15 PM	279	0	0	0	279	2	0	0	0	2	3	269	0	0	272	553
12:30 PM	269	0	0	2	269	3	0	0	0	3	4	270	0	2	274	546
12:45 PM	303	0	0	2	303	0	0	0	2	0	3	261	0	0	264	567
Hourly Total	1103	0	0	4	1103	10	0	0	2	10	14	1050	0	2	1064	2177
1:00 PM	255	1	0	3	256	3	0	0	0	3	3	270	0	0	273	532
1:15 PM	269	0	0	1	269	1	0	0	1	1	2	255	0	0	257	527
1:30 PM	230	0	0	0	230	0	0	0	0	0	0	252	0	0	252	482
1:45 PM	274	0	0	0	274	1	0	0	2	1	1	240	0	0	241	516
Hourly Total	1028	1	0	4	1029	5	0	0	3	5	6	1017	0	0	1023	2057
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	304	0	0	0	304	2	0	0	3	2	3	323	0	0	326	632
3:15 PM	305	0	0	0	305	0	0	0	1	0	7	270	0	0	277	582
3:30 PM	276	0	0	0	276	0	0	0	3	0	2	319	0	0	321	597
3:45 PM	331	0	0	0	331	0	0	0	2	0	7	295	0	0	302	633

Hourly Total	1216	0	0	0	1216	2	0	0	9	2	19	1207	0	0	1226	2444
4:00 PM	308	0	0	1	308	2	0	0	0	2	3	332	0	0	335	645
4:15 PM	345	0	0	0	345	6	0	0	0	6	4	286	0	0	290	641
4:30 PM	347	0	0	0	347	2	0	0	0	2	3	300	0	3	303	652
4:45 PM	346	0	0	0	346	3	0	0	0	3	4	276	0	0	280	629
Hourly Total	1346	0	0	1	1346	13	0	0	0	13	14	1194	0	3	1208	2567
5:00 PM	351	0	0	0	351	4	0	0	1	4	7	267	0	0	274	629
5:15 PM	352	0	0	0	352	0	0	0	0	0	5	275	0	0	280	632
5:30 PM	305	0	0	0	305	1	0	0	0	1	4	253	0	0	257	563
5:45 PM	266	0	0	0	266	0	0	0	0	0	2	204	0	0	206	472
Hourly Total	1274	0	0	0	1274	5	0	0	1	5	18	999	0	0	1017	2296
Grand Total	8740	1	0	15	8741	51	0	0	21	51	97	8624	0	5	8721	17513
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	1.1	98.9	0.0	-	-	-
Total %	49.9	0.0	0.0	-	49.9	0.3	0.0	0.0	-	0.3	0.6	49.2	0.0	-	49.8	-
Lights	8489	1	0	-	8490	49	0	0	-	49	95	8377	0	-	8472	17011
% Lights	97.1	100.0	-	-	97.1	96.1	-	-	-	96.1	97.9	97.1	-	-	97.1	97.1
Mediums	213	0	0	-	213	1	0	0	-	1	1	210	0	-	211	425
% Mediums	2.4	0.0	-	-	2.4	2.0	-	-	-	2.0	1.0	2.4	-	-	2.4	2.4
Articulated Trucks	36	0	0	-	36	1	0	0	-	1	1	37	0	-	38	75
% Articulated Trucks	0.4	0.0	-	-	0.4	2.0	-	-	-	2.0	1.0	0.4	-	-	0.4	0.4
Bicycles on Road	2	0	0	-	2	0	0	0	-	0	0	0	0	-	0	2
% Bicycles on Road	0.0	0.0	-	-	0.0	0.0	-	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	1	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	4.8	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	15	-	-	-	-	20	-	-	-	-	5	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	95.2	-	-	-	-	100.0	-	-



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Turning Movement Data Plot



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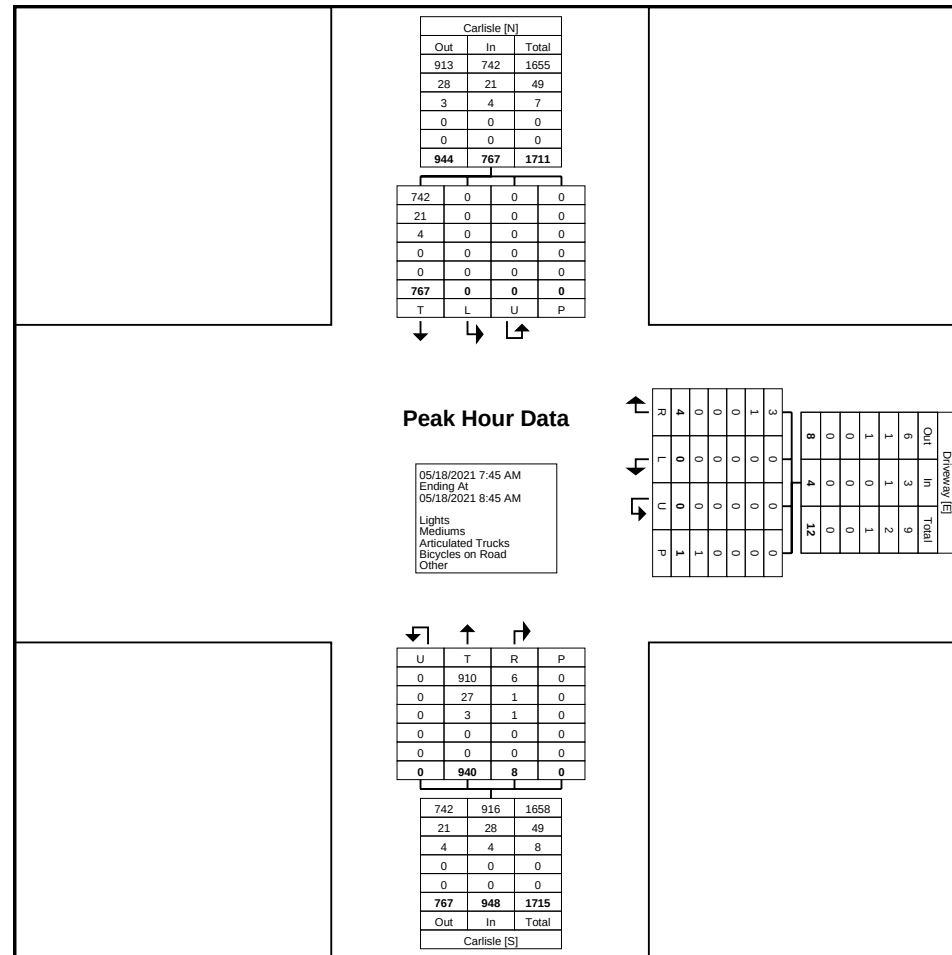
Turning Movement Peak Hour Data (7:45 AM)

Start Time	Carlisle Southbound					Driveway Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
7:45 AM	200	0	0	0	200	1	0	0	1	1	1	284	0	0	285	486
8:00 AM	195	0	0	0	195	0	0	0	0	0	1	244	0	0	245	440
8:15 AM	176	0	0	0	176	1	0	0	0	1	5	196	0	0	201	378
8:30 AM	196	0	0	0	196	2	0	0	0	2	1	216	0	0	217	415
Total	767	0	0	0	767	4	0	0	1	4	8	940	0	0	948	1719
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	0.8	99.2	0.0	-	-	-
Total %	44.6	0.0	0.0	-	44.6	0.2	0.0	0.0	-	0.2	0.5	54.7	0.0	-	55.1	-
PHF	0.959	0.000	0.000	-	0.959	0.500	0.000	0.000	-	0.500	0.400	0.827	0.000	-	0.832	0.884
Lights	742	0	0	-	742	3	0	0	-	3	6	910	0	-	916	1661
% Lights	96.7	-	-	-	96.7	75.0	-	-	-	75.0	75.0	96.8	-	-	96.6	96.6
Mediums	21	0	0	-	21	1	0	0	-	1	1	27	0	-	28	50
% Mediums	2.7	-	-	-	2.7	25.0	-	-	-	25.0	12.5	2.9	-	-	3.0	2.9
Articulated Trucks	4	0	0	-	4	0	0	0	-	0	1	3	0	-	4	8
% Articulated Trucks	0.5	-	-	-	0.5	0.0	-	-	-	0.0	12.5	0.3	-	-	0.4	0.5
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	0.0	-	-	-	0.0	0.0	-	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	1	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data Plot (7:45 AM)



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Turning Movement Peak Hour Data (11:00 AM)

Start Time	Carlisle Southbound					Driveway Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
11:00 AM	231	0	0	0	231	2	0	0	0	2	3	252	0	0	255	488
11:15 AM	242	0	0	2	242	1	0	0	1	1	0	233	0	0	233	476
11:30 AM	259	0	0	0	259	1	0	0	0	1	1	249	0	0	250	510
11:45 AM	259	0	0	1	259	3	0	0	1	3	3	278	0	0	281	543
Total	991	0	0	3	991	7	0	0	2	7	7	1012	0	0	1019	2017
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	0.7	99.3	0.0	-	-	-
Total %	49.1	0.0	0.0	-	49.1	0.3	0.0	0.0	-	0.3	0.3	50.2	0.0	-	50.5	-
PHF	0.957	0.000	0.000	-	0.957	0.583	0.000	0.000	-	0.583	0.583	0.910	0.000	-	0.907	0.929
Lights	968	0	0	-	968	7	0	0	-	7	7	982	0	-	989	1964
% Lights	97.7	-	-	-	97.7	100.0	-	-	-	100.0	100.0	97.0	-	-	97.1	97.4
Mediums	19	0	0	-	19	0	0	0	-	0	0	23	0	-	23	42
% Mediums	1.9	-	-	-	1.9	0.0	-	-	-	0.0	0.0	2.3	-	-	2.3	2.1
Articulated Trucks	4	0	0	-	4	0	0	0	-	0	0	7	0	-	7	11
% Articulated Trucks	0.4	-	-	-	0.4	0.0	-	-	-	0.0	0.0	0.7	-	-	0.7	0.5
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	0.0	-	-	-	0.0	0.0	-	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	1	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	50.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	3	-	-	-	-	1	-	-	-	-	0	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	50.0	-	-	-	-	-	-	-

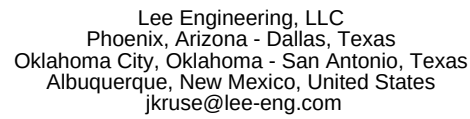


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Turning Movement Peak Hour Data (12:15 PM)

Start Time	Carlisle Southbound					Driveway Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
12:15 PM	279	0	0	0	279	2	0	0	0	2	3	269	0	0	272	553
12:30 PM	269	0	0	2	269	3	0	0	0	3	4	270	0	2	274	546
12:45 PM	303	0	0	2	303	0	0	0	2	0	3	261	0	0	264	567
1:00 PM	255	1	0	3	256	3	0	0	0	3	3	270	0	0	273	532
Total	1106	1	0	7	1107	8	0	0	2	8	13	1070	0	2	1083	2198
Approach %	99.9	0.1	0.0	-	-	100.0	0.0	0.0	-	-	1.2	98.8	0.0	-	-	-
Total %	50.3	0.0	0.0	-	50.4	0.4	0.0	0.0	-	0.4	0.6	48.7	0.0	-	49.3	-
PHF	0.913	0.250	0.000	-	0.913	0.667	0.000	0.000	-	0.667	0.813	0.991	0.000	-	0.988	0.969
Lights	1064	1	0	-	1065	8	0	0	-	8	13	1042	0	-	1055	2128
% Lights	96.2	100.0	-	-	96.2	100.0	-	-	-	100.0	100.0	97.4	-	-	97.4	96.8
Mediums	34	0	0	-	34	0	0	0	-	0	0	25	0	-	25	59
% Mediums	3.1	0.0	-	-	3.1	0.0	-	-	-	0.0	0.0	2.3	-	-	2.3	2.7
Articulated Trucks	7	0	0	-	7	0	0	0	-	0	0	3	0	-	3	10
% Articulated Trucks	0.6	0.0	-	-	0.6	0.0	-	-	-	0.0	0.0	0.3	-	-	0.3	0.5
Bicycles on Road	1	0	0	-	1	0	0	0	-	0	0	0	0	-	0	1
% Bicycles on Road	0.1	0.0	-	-	0.1	0.0	-	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	0.0	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	7	-	-	-	-	2	-	-	-	-	2	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	100.0	-	-





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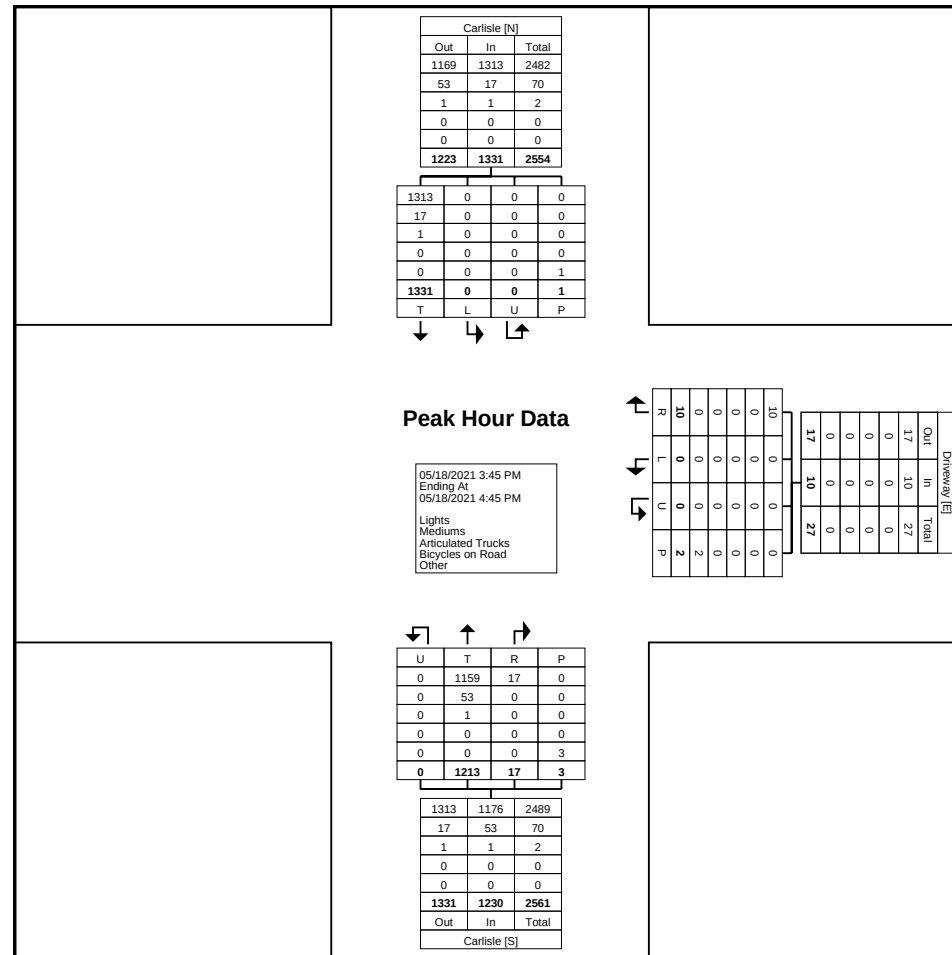
Turning Movement Peak Hour Data (3:45 PM)

Start Time	Carlisle Southbound					Driveway Westbound					Carlisle Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
3:45 PM	331	0	0	0	331	0	0	0	2	0	7	295	0	0	302	633
4:00 PM	308	0	0	1	308	2	0	0	0	2	3	332	0	0	335	645
4:15 PM	345	0	0	0	345	6	0	0	0	6	4	286	0	0	290	641
4:30 PM	347	0	0	0	347	2	0	0	0	2	3	300	0	3	303	652
Total	1331	0	0	1	1331	10	0	0	2	10	17	1213	0	3	1230	2571
Approach %	100.0	0.0	0.0	-	-	100.0	0.0	0.0	-	-	1.4	98.6	0.0	-	-	-
Total %	51.8	0.0	0.0	-	51.8	0.4	0.0	0.0	-	0.4	0.7	47.2	0.0	-	47.8	-
PHF	0.959	0.000	0.000	-	0.959	0.417	0.000	0.000	-	0.417	0.607	0.913	0.000	-	0.918	0.986
Lights	1313	0	0	-	1313	10	0	0	-	10	17	1159	0	-	1176	2499
% Lights	98.6	-	-	-	98.6	100.0	-	-	-	100.0	100.0	95.5	-	-	95.6	97.2
Mediums	17	0	0	-	17	0	0	0	-	0	0	53	0	-	53	70
% Mediums	1.3	-	-	-	1.3	0.0	-	-	-	0.0	0.0	4.4	-	-	4.3	2.7
Articulated Trucks	1	0	0	-	1	0	0	0	-	0	0	1	0	-	1	2
% Articulated Trucks	0.1	-	-	-	0.1	0.0	-	-	-	0.0	0.0	0.1	-	-	0.1	0.1
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	0.0	-	-	-	0.0	0.0	-	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	0.0	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	1	-	-	-	-	2	-	-	-	-	3	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data Plot (3:45 PM)



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Turning Movement Data

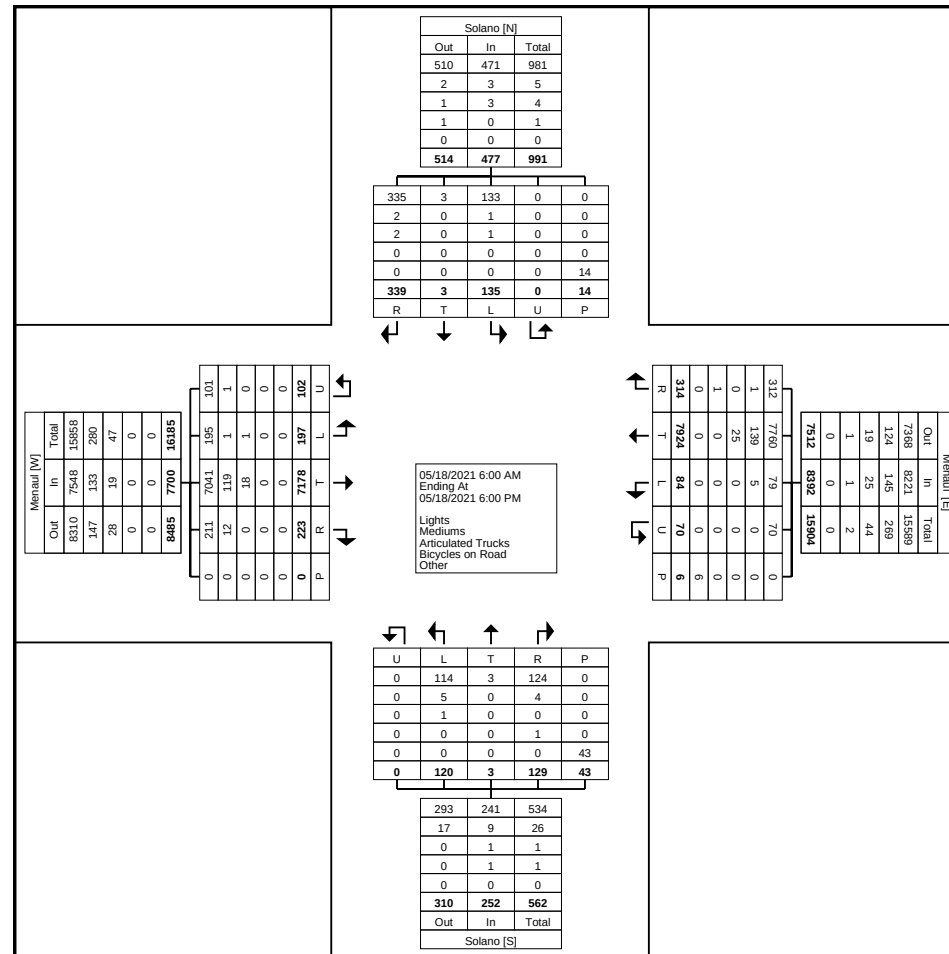
Start Time	Solano Southbound							Menaul Westbound							Solano Northbound							Menaul Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	
6:00 AM	0	4	0	0	0	0	4	2	0	55	0	0	0	57	0	0	0	3	0	0	3	2	1	32	2	0	0	37	101
6:15 AM	0	2	1	0	0	2	3	0	0	52	0	0	0	52	0	0	0	3	0	0	3	3	0	31	2	0	0	36	94
6:30 AM	0	2	0	0	0	1	2	1	0	77	0	1	0	79	0	0	0	0	0	0	0	1	1	38	2	0	0	42	123
6:45 AM	0	0	0	1	0	0	1	0	0	109	0	0	0	109	0	0	1	1	0	0	2	7	1	58	3	1	0	70	182
Hourly Total	0	8	1	1	0	3	10	3	0	293	0	1	0	297	0	0	1	7	0	0	8	13	3	159	9	1	0	185	500
7:00 AM	0	0	0	0	0	0	0	0	0	106	1	0	0	107	0	0	0	0	0	1	0	2	0	59	4	1	0	66	173
7:15 AM	0	1	0	1	0	1	2	1	0	131	0	0	1	132	0	1	0	1	0	1	2	2	0	81	3	2	0	88	224
7:30 AM	1	0	0	0	0	0	1	0	0	159	0	0	0	159	2	2	0	5	0	0	9	1	0	121	2	2	0	126	295
7:45 AM	0	3	0	0	0	1	3	2	0	215	1	2	0	220	0	1	0	3	0	0	4	11	0	162	2	1	0	176	403
Hourly Total	1	4	0	1	0	2	6	3	0	611	2	2	1	618	2	4	0	9	0	2	15	16	0	423	11	6	0	456	1095
8:00 AM	1	3	0	1	0	0	5	3	0	161	2	3	0	169	0	0	0	4	0	2	4	7	0	131	5	3	0	146	324
8:15 AM	4	3	0	2	0	0	9	1	0	148	1	1	0	151	0	0	0	1	0	0	1	4	0	127	3	4	0	138	299
8:30 AM	1	3	0	3	0	0	7	0	0	150	0	2	0	152	0	2	0	0	0	1	2	5	0	146	5	2	0	158	319
8:45 AM	1	1	0	1	0	0	3	9	0	160	2	2	0	173	1	0	0	3	0	3	4	7	0	165	6	0	0	178	358
Hourly Total	7	10	0	7	0	0	24	13	0	619	5	8	0	645	1	2	0	8	0	6	11	23	0	569	19	9	0	620	1300
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	2	5	0	9	0	0	16	10	0	217	5	4	2	236	0	3	0	3	0	2	6	10	0	230	3	3	0	246	504
11:15 AM	2	9	0	4	0	0	15	8	0	233	3	2	0	246	0	6	0	2	0	0	8	7	0	236	4	2	0	249	518
11:30 AM	3	6	0	5	0	1	14	12	0	237	2	2	0	253	0	2	0	2	0	0	4	4	0	246	4	3	0	257	528
11:45 AM	0	10	0	2	0	1	12	13	0	252	2	0	0	267	0	5	0	10	0	1	15	11	0	261	7	4	0	283	577
Hourly Total	7	30	0	20	0	2	57	43	0	939	12	8	2	1002	0	16	0	17	0	3	33	32	0	973	18	12	0	1035	2127
12:00 PM	0	8	0	5	0	0	13	19	0	267	4	2	0	292	0	5	0	4	0	1	9	6	0	257	9	2	0	274	588
12:15 PM	0	15	0	4	0	0	19	16	0	266	2	2	1	286	0	4	0	3	0	1	7	6	0	264	5	1	0	276	588
12:30 PM	0	13	0	4	0	0	17	13	0	287	5	5	0	310	0	6	0	3	0	0	9	5	0	268	4	4	0	281	617
12:45 PM	0	17	0	9	0	0	26	14	0	277	5	7	0	303	0	4	0	3	0	0	7	12	0	254	9	2	0	277	613
Hourly Total	0	53	0	22	0	0	75	62	0	1097	16	16	1	1191	0	19	0	13	0	2	32	29	0	1043	27	9	0	1108	2406
1:00 PM	2	8	0	6	0	1	16	10	0	295	5	2	0	312	0	6	0	5	0	1	11	12	0	241	4	3	0	260	599
1:15 PM	0	8	1	5	0	0	14	14	0	270	4	1	0	289	0	4	1	4	0	2	9	7	0	227	4	4	0	242	554
1:30 PM	0	9	0	3	0	2	12	11	0	256	3	4	0	274	0	9	0	5	0	1	14	3	0	215	6	3	0	227	527
1:45 PM	1	18	0	9	0	0	28	12	0	265	5	3	0	285	0	3	0	7	0	1	10	5	0	252	10	3	0	270	593
Hourly Total	3	43	1	23	0	3	70	47	0	1086	17	10	0	1160	0	22	1	21	0	5	44	27	0	935	24	13	0	999	2273
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	0	13	0	5	0	0	18	10	0	268	3	3	0	284	0	4	0	6	0	2	10	5	0	231	3	5	0	244	556
3:15 PM	0	16	0	8	0	1	24	19	0	267	3	1	0	290	1	5	0	3	0	2	9	12	0	251	10	5	0	278	601
3:30 PM	0	14	0	8	0	0	22	17	0	307	4	1	0	329	0	9	1	2	0	4	12	6	0	277	9	5	0	297	660

3:45 PM	0	8	1	10	0	0	19	13	0	271	7	2	0	293	2	7	0	3	0	1	12	8	0	277	7	0	0	292	616
Hourly Total	0	51	1	31	0	1	83	59	0	1113	17	7	0	1196	3	25	1	14	0	9	43	31	0	1036	29	15	0	1111	2433
4:00 PM	0	11	0	4	0	1	15	12	1	314	2	2	1	331	0	8	0	4	0	4	12	5	0	297	10	3	0	315	673
4:15 PM	0	27	0	9	0	2	36	16	0	289	1	4	0	310	0	1	0	3	0	2	4	4	0	273	6	4	0	287	637
4:30 PM	0	20	0	4	0	0	24	11	0	298	3	3	0	315	0	5	0	8	0	2	13	8	0	260	10	5	0	283	635
4:45 PM	0	10	0	2	0	0	12	11	0	264	2	4	1	281	0	6	0	2	0	1	8	3	0	258	10	4	0	275	576
Hourly Total	0	68	0	19	0	3	87	50	1	1165	8	13	2	1237	0	20	0	17	0	9	37	20	0	1088	36	16	0	1160	2521
5:00 PM	0	16	0	2	0	0	18	9	0	298	3	3	0	313	0	4	0	7	0	4	11	5	0	299	7	8	0	319	661
5:15 PM	0	12	0	1	0	0	13	11	0	260	2	0	0	273	0	6	0	2	0	0	8	6	0	260	9	4	0	279	573
5:30 PM	1	16	0	5	0	0	22	4	0	223	1	1	0	229	0	2	0	4	0	2	6	12	0	227	4	7	0	250	507
5:45 PM	0	9	0	3	0	0	12	9	0	220	1	1	0	231	0	3	0	1	0	1	4	6	0	166	4	2	0	178	425
Hourly Total	1	53	0	11	0	0	65	33	0	1001	7	5	0	1046	0	15	0	14	0	7	29	29	0	952	24	21	0	1026	2166
Grand Total	19	320	3	135	0	14	477	313	1	7924	84	70	6	8392	6	123	3	120	0	43	252	220	3	7178	197	102	0	7700	16821
Approach %	4.0	67.1	0.6	28.3	0.0	-	-	3.7	0.0	94.4	1.0	0.8	-	-	2.4	48.8	1.2	47.6	0.0	-	-	2.9	0.0	93.2	2.6	1.3	-	-	-
Total %	0.1	1.9	0.0	0.8	0.0	-	2.8	1.9	0.0	47.1	0.5	0.4	-	49.9	0.0	0.7	0.0	0.7	0.0	-	1.5	1.3	0.0	42.7	1.2	0.6	-	45.8	-
Lights	18	317	3	133	0	-	471	311	1	7760	79	70	-	8221	6	118	3	114	0	-	241	208	3	7041	195	101	-	7548	16481
% Lights	94.7	99.1	100.0	98.5	-	-	98.7	99.4	100.0	97.9	94.0	100.0	-	98.0	100.0	95.9	100.0	95.0	-	-	95.6	94.5	100.0	98.1	99.0	99.0	-	98.0	98.0
Mediums	1	1	0	1	0	-	3	1	0	139	5	0	-	145	0	4	0	5	0	-	9	12	0	119	1	1	-	133	290
% Mediums	5.3	0.3	0.0	0.7	-	-	0.6	0.3	0.0	1.8	6.0	0.0	-	1.7	0.0	3.3	0.0	4.2	-	-	3.6	5.5	0.0	1.7	0.5	1.0	-	1.7	1.7
Articulated Trucks	0	2	0	1	0	-	3	0	0	25	0	0	-	25	0	0	0	1	0	-	1	0	0	18	1	0	-	19	48
% Articulated Trucks	0.0	0.6	0.0	0.7	-	-	0.6	0.0	0.0	0.3	0.0	0.0	-	0.3	0.0	0.0	0.0	0.8	-	-	0.4	0.0	0.0	0.3	0.5	0.0	-	0.2	0.3
Bicycles on Road	0	0	0	0	0	-	0	1	0	0	0	0	-	1	0	1	0	0	0	-	1	0	0	0	0	0	-	0	2
% Bicycles on Road	0.0	0.0	0.0	0.0	-	-	0.0	0.3	0.0	0.0	0.0	0.0	-	0.0	0.0	0.8	0.0	0.0	-	-	0.4	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	-	3	-	-	-	-	-	-	1	-	-	-	-	-	-	9	-	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	21.4	-	-	-	-	-	-	16.7	-	-	-	-	-	-	20.9	-	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	-	11	-	-	-	-	-	-	5	-	-	-	-	-	-	34	-	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	78.6	-	-	-	-	-	-	83.3	-	-	-	-	-	-	79.1	-	-	-	-	-	-	-	-	-

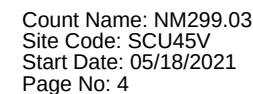


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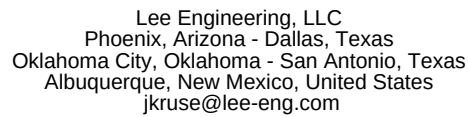
Count Name: NM299.03
Site Code: SCU45V
Start Date: 05/18/2021
Page No: 3



Turning Movement Data Plot



Start Time	Solano Southbound							Menaul Westbound							Solano Northbound							Menaul Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	
7:45 AM	0	3	0	0	0	1	3	2	0	215	1	2	0	220	0	1	0	3	0	0	4	11	0	162	2	1	0	176	403
8:00 AM	1	3	0	1	0	0	5	3	0	161	2	3	0	169	0	0	0	4	0	2	4	7	0	131	5	3	0	146	324
8:15 AM	4	3	0	2	0	0	9	1	0	148	1	1	0	151	0	0	0	1	0	0	1	4	0	127	3	4	0	138	299
8:30 AM	1	3	0	3	0	0	7	0	0	150	0	2	0	152	0	2	0	0	0	1	2	5	0	146	5	2	0	158	319
Total	6	12	0	6	0	1	24	6	0	674	4	8	0	692	0	3	0	8	0	3	11	27	0	566	15	10	0	618	1345
Approach %	25.0	50.0	0.0	25.0	0.0	-	-	0.9	0.0	97.4	0.6	1.2	-	-	0.0	27.3	0.0	72.7	0.0	-	-	4.4	0.0	91.6	2.4	1.6	-	-	-
Total %	0.4	0.9	0.0	0.4	0.0	-	1.8	0.4	0.0	50.1	0.3	0.6	-	51.4	0.0	0.2	0.0	0.6	0.0	-	0.8	2.0	0.0	42.1	1.1	0.7	-	45.9	-
PHF	0.375	1.000	0.000	0.500	0.000	-	0.667	0.500	0.000	0.784	0.500	0.667	-	0.786	0.000	0.375	0.000	0.500	0.000	-	0.688	0.614	0.000	0.873	0.750	0.625	-	0.878	0.834
Lights	5	12	0	5	0	-	22	6	0	650	4	8	-	668	0	3	0	7	0	-	10	26	0	543	14	10	-	593	1293
% Lights	83.3	100.0	-	83.3	-	-	91.7	100.0	-	96.4	100.0	100.0	-	96.5	-	100.0	-	87.5	-	-	90.9	96.3	-	95.9	93.3	100.0	-	96.0	96.1
Mediums	1	0	0	1	0	-	2	0	0	21	0	0	-	21	0	0	0	1	0	-	1	1	0	17	1	0	-	19	43
% Mediums	16.7	0.0	-	16.7	-	-	8.3	0.0	-	3.1	0.0	0.0	-	3.0	-	0.0	-	12.5	-	-	9.1	3.7	-	3.0	6.7	0.0	-	3.1	3.2
Articulated Trucks	0	0	0	0	0	-	0	0	0	3	0	0	-	3	0	0	0	0	0	-	0	0	0	6	0	0	-	6	9
% Articulated Trucks	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.4	0.0	0.0	-	0.4	-	0.0	-	0.0	-	-	0.0	0.0	-	1.1	0.0	0.0	-	1.0	0.7
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0
% Bicycles on Road	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	-	0.0	-	-	0.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	2	-	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	66.7	-	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	-	1	-	-	-	-	-	-	0	-	-	-	-	-	-	1	-								





Turning Movement Peak Hour Data (11:00 AM)

Start Time	Solano Southbound							Menaul Westbound							Solano Northbound							Menaul Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	
11:00 AM	2	5	0	9	0	0	16	10	0	217	5	4	2	236	0	3	0	3	0	2	6	10	0	230	3	3	0	246	504
11:15 AM	2	9	0	4	0	0	15	8	0	233	3	2	0	246	0	6	0	2	0	0	8	7	0	236	4	2	0	249	518
11:30 AM	3	6	0	5	0	1	14	12	0	237	2	2	0	253	0	2	0	2	0	0	4	4	0	246	4	3	0	257	528
11:45 AM	0	10	0	2	0	1	12	13	0	252	2	0	0	267	0	5	0	10	0	1	15	11	0	261	7	4	0	283	577
Total	7	30	0	20	0	2	57	43	0	939	12	8	2	1002	0	16	0	17	0	3	33	32	0	973	18	12	0	1035	2127
Approach %	12.3	52.6	0.0	35.1	0.0	-	-	4.3	0.0	93.7	1.2	0.8	-	-	0.0	48.5	0.0	51.5	0.0	-	-	3.1	0.0	94.0	1.7	1.2	-	-	-
Total %	0.3	1.4	0.0	0.9	0.0	-	2.7	2.0	0.0	44.1	0.6	0.4	-	47.1	0.0	0.8	0.0	0.8	0.0	-	1.6	1.5	0.0	45.7	0.8	0.6	-	48.7	-
PHF	0.583	0.750	0.000	0.556	0.000	-	0.891	0.827	0.000	0.932	0.600	0.500	-	0.938	0.000	0.667	0.000	0.425	0.000	-	0.550	0.727	0.000	0.932	0.643	0.750	-	0.914	0.922
Lights	7	29	0	20	0	-	56	43	0	922	9	8	-	982	0	16	0	17	0	-	33	27	0	953	18	12	-	1010	2081
% Lights	100.0	96.7	-	100.0	-	-	98.2	100.0	-	98.2	75.0	100.0	-	98.0	-	100.0	-	100.0	-	-	100.0	84.4	-	97.9	100.0	100.0	-	97.6	97.8
Mediums	0	1	0	0	0	-	1	0	0	12	3	0	-	15	0	0	0	0	0	-	0	5	0	19	0	0	-	24	40
% Mediums	0.0	3.3	-	0.0	-	-	1.8	0.0	-	1.3	25.0	0.0	-	1.5	-	0.0	-	0.0	-	-	0.0	15.6	-	2.0	0.0	0.0	-	2.3	1.9
Articulated Trucks	0	0	0	0	0	-	0	0	0	5	0	0	-	5	0	0	0	0	0	-	0	0	0	1	0	0	-	1	6
% Articulated Trucks	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.5	0.0	0.0	-	0.5	-	0.0	-	0.0	-	-	0.0	0.0	-	0.1	0.0	0.0	-	0.1	0.3
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0
% Bicycles on Road	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	-	0.0	-	-	0.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	1	-	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0	-	-	-	-	-	-	33.3	-	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	-	2	-	-	-	-	-	-	2	-	-	-	-	-	-	2	-	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-	-	-	-	-	-	66.7	-	-	-	-	-	-	-	-	-



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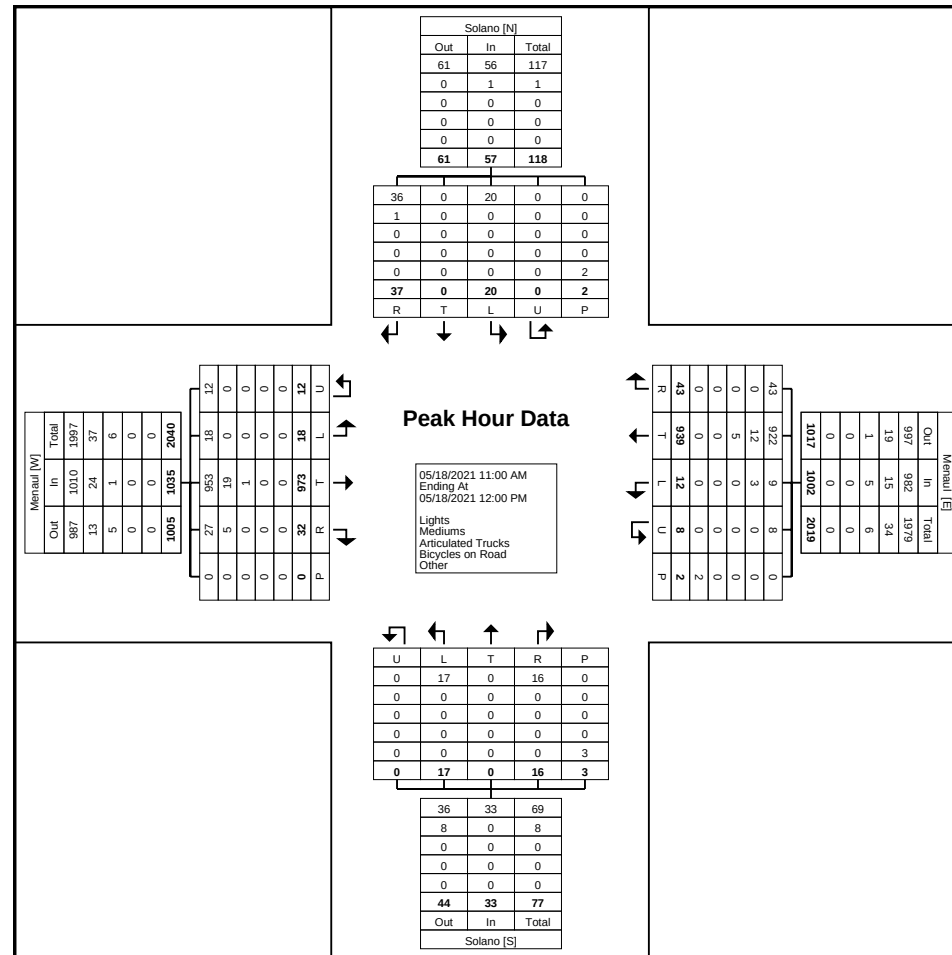
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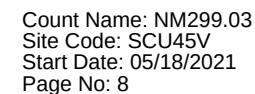
Site Code: SCU45V

Start Date: 05/18/2021

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Turning Movement Peak Hour Data Plot (11:00 AM)

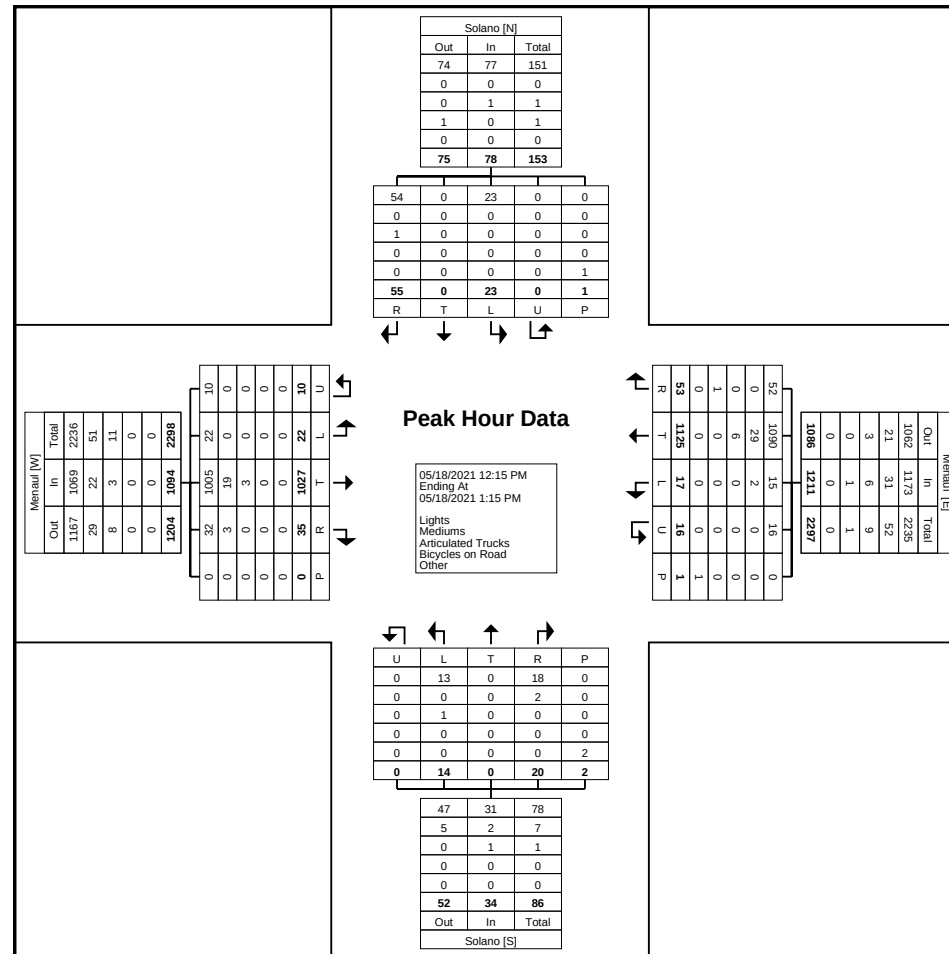


Start Time	Solano Southbound							Menaul Westbound							Solano Northbound							Menaul Eastbound							Int. Total
	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	Right	Right on Red	Thru	Left	U-Turn	Peds	App. Total	
12:15 PM	0	15	0	4	0	0	19	16	0	266	2	2	1	286	0	4	0	3	0	1	7	6	0	264	5	1	0	276	588
12:30 PM	0	13	0	4	0	0	17	13	0	287	5	5	0	310	0	6	0	3	0	0	9	5	0	268	4	4	0	281	617
12:45 PM	0	17	0	9	0	0	26	14	0	277	5	7	0	303	0	4	0	3	0	0	7	12	0	254	9	2	0	277	613
1:00 PM	2	8	0	6	0	1	16	10	0	295	5	2	0	312	0	6	0	5	0	1	11	12	0	241	4	3	0	260	599
Total	2	53	0	23	0	1	78	53	0	1125	17	16	1	1211	0	20	0	14	0	2	34	35	0	1027	22	10	0	1094	2417
Approach %	2.6	67.9	0.0	29.5	0.0	-	-	4.4	0.0	92.9	1.4	1.3	-	-	0.0	58.8	0.0	41.2	0.0	-	-	3.2	0.0	93.9	2.0	0.9	-	-	-
Total %	0.1	2.2	0.0	1.0	0.0	-	3.2	2.2	0.0	46.5	0.7	0.7	-	50.1	0.0	0.8	0.0	0.6	0.0	-	1.4	1.4	0.0	42.5	0.9	0.4	-	45.3	-
PHF	0.250	0.779	0.000	0.639	0.000	-	0.750	0.828	0.000	0.953	0.850	0.571	-	0.970	0.000	0.833	0.000	0.700	0.000	-	0.773	0.729	0.000	0.958	0.611	0.625	-	0.973	0.979
Lights	2	52	0	23	0	-	77	52	0	1090	15	16	-	1173	0	18	0	13	0	-	31	32	0	1005	22	10	-	1069	2350
% Lights	100.0	98.1	-	100.0	-	-	98.7	98.1	-	96.9	88.2	100.0	-	96.9	-	90.0	-	92.9	-	-	91.2	91.4	-	97.9	100.0	100.0	-	97.7	97.2
Mediums	0	0	0	0	0	-	0	0	0	29	2	0	-	31	0	2	0	0	0	-	2	3	0	19	0	0	-	22	55
% Mediums	0.0	0.0	-	0.0	-	-	0.0	0.0	-	2.6	11.8	0.0	-	2.6	-	10.0	-	0.0	-	-	5.9	8.6	-	1.9	0.0	0.0	-	2.0	2.3
Articulated Trucks	0	1	0	0	0	-	1	0	0	6	0	0	-	6	0	0	0	1	0	-	1	0	0	3	0	0	-	3	11
% Articulated Trucks	0.0	1.9	-	0.0	-	-	1.3	0.0	-	0.5	0.0	0.0	-	0.5	-	0.0	-	7.1	-	-	2.9	0.0	-	0.3	0.0	0.0	-	0.3	0.5
Bicycles on Road	0	0	0	0	0	-	0	1	0	0	0	0	-	1	0	0	0	0	0	-	0	0	0	0	0	0	-	0	1
% Bicycles on Road	0.0	0.0	-	0.0	-	-	0.0	1.9	-	0.0	0.0	0.0	-	0.1	-	0.0	-	0.0	-	-	0.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	100.0	-	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	0.0	-	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-	-



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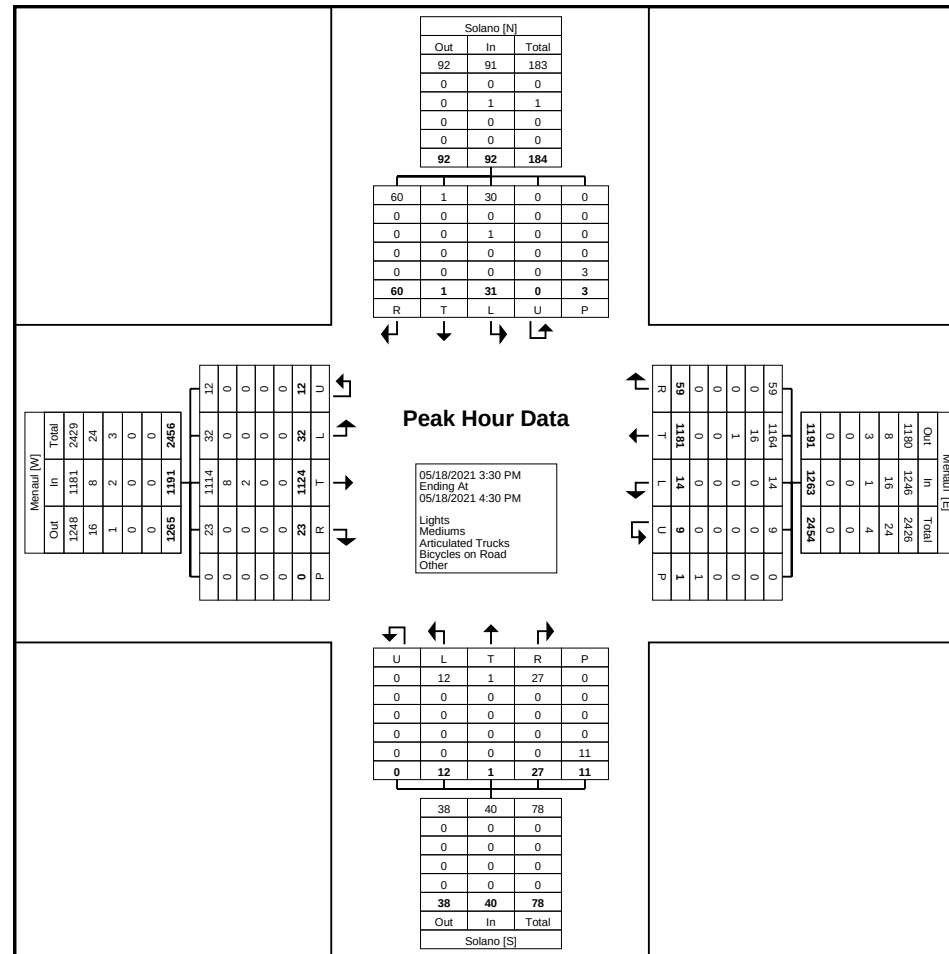


Turning Movement Peak Hour Data Plot (12:15 PM)



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Count Name: NM299.03
Site Code: SCU45V
Start Date: 05/18/2021
Page No: 11



Turning Movement Peak Hour Data Plot (3:30 PM)



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Count Name: NM299.03
Site Code: SCUAZ3
Start Date: 05/18/2021
Page No: 1

Turning Movement Data

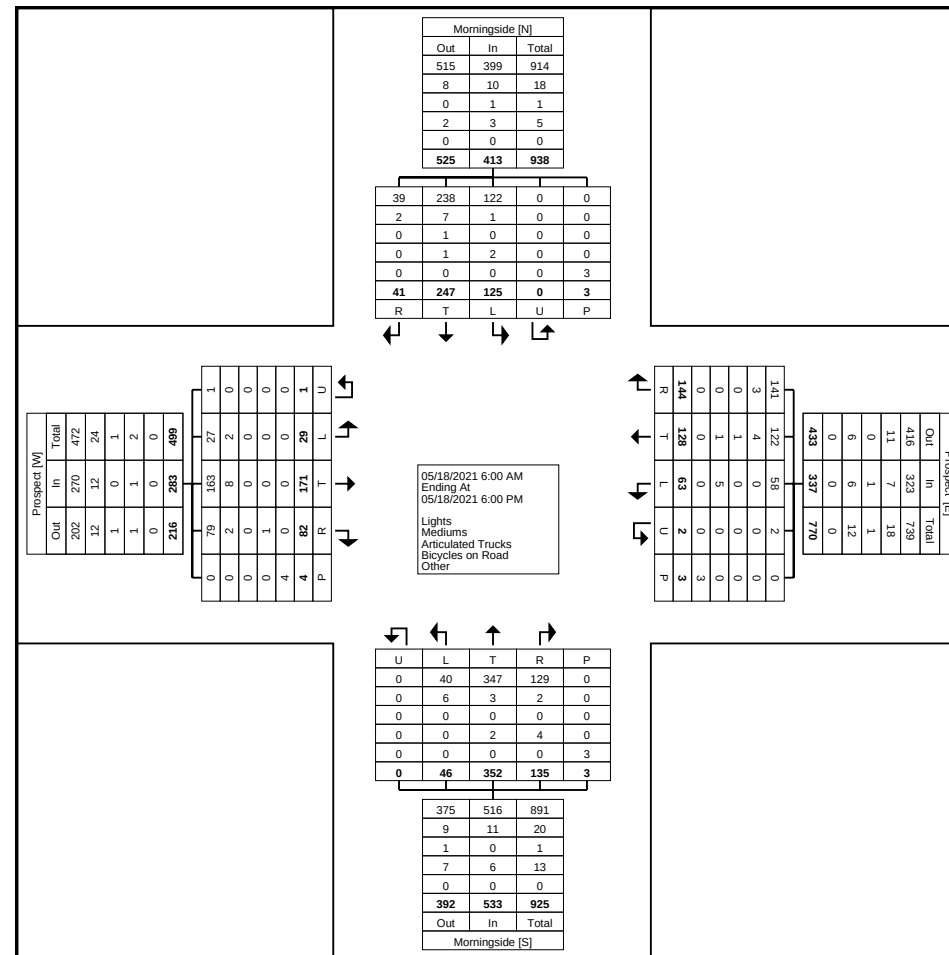
Start Time	Morningside Southbound						Prospect Westbound						Morningside Northbound						Prospect Eastbound						Int. Total
	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	
6:00 AM	1	2	1	0	0	4	1	1	0	0	1	2	1	5	1	0	1	7	1	1	0	1	0	3	16
6:15 AM	0	4	0	0	0	4	1	0	0	0	0	1	1	1	0	0	0	2	1	0	0	0	0	1	8
6:30 AM	0	2	1	0	0	3	1	1	1	0	0	3	0	2	0	0	0	2	0	1	0	0	0	1	9
6:45 AM	0	3	0	0	0	3	0	3	0	0	0	3	0	5	2	0	0	7	4	3	0	0	1	7	20
Hourly Total	1	11	2	0	0	14	3	5	1	0	1	9	2	13	3	0	1	18	6	5	0	1	1	12	53
7:00 AM	2	4	1	0	0	7	5	1	1	0	0	7	4	6	0	0	0	10	0	0	0	0	0	0	24
7:15 AM	0	6	2	0	0	8	1	3	0	0	0	4	1	5	0	0	0	6	0	1	1	0	1	2	20
7:30 AM	0	2	2	0	0	4	3	6	2	0	0	11	3	7	2	0	0	12	2	0	0	0	1	2	29
7:45 AM	3	8	2	0	0	13	2	4	0	0	0	6	1	9	2	0	0	12	0	3	0	0	0	3	34
Hourly Total	5	20	7	0	0	32	11	14	3	0	0	28	9	27	4	0	0	40	2	4	1	0	2	7	107
8:00 AM	1	14	4	0	0	19	6	3	1	0	0	10	8	18	2	0	0	28	6	1	1	0	0	8	65
8:15 AM	2	4	1	0	0	7	2	4	2	0	0	8	3	9	1	0	0	13	2	1	1	0	0	4	32
8:30 AM	0	3	3	0	0	6	6	3	0	0	0	9	2	9	2	0	0	13	0	1	0	0	0	1	29
8:45 AM	1	9	7	0	0	17	4	3	1	0	0	8	1	8	0	0	0	9	1	3	2	0	0	6	40
Hourly Total	4	30	15	0	0	49	18	13	4	0	0	35	14	44	5	0	0	63	9	6	4	0	0	19	166
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	0	5	4	0	0	9	5	3	3	0	0	11	5	9	5	0	0	19	3	3	1	0	0	7	46
11:15 AM	2	5	2	0	0	9	7	3	2	0	2	12	3	10	1	0	0	14	0	7	0	0	0	7	42
11:30 AM	2	3	7	0	1	12	3	0	2	0	0	5	4	16	0	0	0	20	2	3	1	0	0	6	43
11:45 AM	2	13	2	0	0	17	2	9	3	0	0	14	2	11	0	0	0	13	4	5	0	0	0	9	53
Hourly Total	6	26	15	0	1	47	17	15	10	0	2	42	14	46	6	0	0	66	9	18	2	0	0	29	184
12:00 PM	0	5	3	0	0	8	3	4	3	0	0	10	6	8	2	0	0	16	4	6	2	0	0	12	46
12:15 PM	2	5	6	0	0	13	5	3	2	0	0	10	6	7	1	0	0	14	5	13	2	0	0	20	57
12:30 PM	3	7	4	0	0	14	5	4	2	0	0	11	9	13	1	0	0	23	1	9	2	0	0	12	60
12:45 PM	1	7	1	0	0	9	5	2	5	0	0	12	3	8	1	0	0	12	1	11	1	0	0	13	46
Hourly Total	6	24	14	0	0	44	18	13	12	0	0	43	24	36	5	0	0	65	11	39	7	0	0	57	209
1:00 PM	1	4	3	0	1	8	6	7	0	0	0	13	3	6	3	0	0	12	4	9	1	0	0	14	47
1:15 PM	2	6	5	0	1	13	3	9	0	0	0	12	7	9	2	0	0	18	3	3	1	0	0	7	50
1:30 PM	0	9	3	0	0	12	6	4	3	0	0	13	5	8	1	0	0	14	1	6	1	0	0	8	47
1:45 PM	4	7	5	0	0	16	4	1	2	1	0	8	0	3	2	0	0	5	0	7	1	0	0	8	37
Hourly Total	7	26	16	0	2	49	19	21	5	1	0	46	15	26	8	0	0	49	8	25	4	0	0	37	181
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	1	4	3	0	0	8	3	6	1	0	0	10	3	9	2	0	0	14	2	5	0	0	0	7	39
3:15 PM	0	12	4	0	0	16	4	5	2	0	0	11	2	11	2	0	0	15	6	8	0	0	0	14	56
3:30 PM	0	13	11	0	0	24	4	4	4	0	0	12	11	20	3	0	1	34	2	6	0	0	0	8	78

3:45 PM	0	8	5	0	0	13	4	10	2	0	0	16	6	21	0	0	0	27	4	5	1	0	0	10	66
Hourly Total	1	37	23	0	0	61	15	25	9	0	0	49	22	61	7	0	1	90	14	24	1	0	0	39	239
4:00 PM	3	10	8	0	0	21	7	5	4	0	0	16	5	15	3	0	0	23	2	5	3	0	1	10	70
4:15 PM	2	8	7	0	0	17	9	2	4	0	0	15	8	11	1	0	0	20	1	4	0	0	0	5	57
4:30 PM	1	16	3	0	0	20	7	4	3	0	0	14	8	12	0	0	0	20	4	6	0	0	0	10	64
4:45 PM	3	10	2	0	0	15	2	2	3	0	0	7	2	7	0	0	0	9	3	9	2	0	0	14	45
Hourly Total	9	44	20	0	0	73	25	13	14	0	0	52	23	45	4	0	0	72	10	24	5	0	1	39	236
5:00 PM	0	8	3	0	0	11	1	2	1	1	0	5	5	16	2	0	0	23	3	8	1	0	0	12	51
5:15 PM	1	3	3	0	0	7	6	4	2	0	0	12	2	10	1	0	1	13	2	7	2	0	0	11	43
5:30 PM	1	7	4	0	0	12	8	2	2	0	0	12	3	14	1	0	0	18	6	6	1	0	0	13	55
5:45 PM	0	11	3	0	0	14	3	1	0	0	0	4	2	14	0	0	0	16	2	5	1	0	0	8	42
Hourly Total	2	29	13	0	0	44	18	9	5	1	0	33	12	54	4	0	1	70	13	26	5	0	0	44	191
Grand Total	41	247	125	0	3	413	144	128	63	2	3	337	135	352	46	0	3	533	82	171	29	1	4	283	1566
Approach %	9.9	59.8	30.3	0.0	-	-	42.7	38.0	18.7	0.6	-	-	25.3	66.0	8.6	0.0	-	-	29.0	60.4	10.2	0.4	-	-	-
Total %	2.6	15.8	8.0	0.0	-	26.4	9.2	8.2	4.0	0.1	-	21.5	8.6	22.5	2.9	0.0	-	34.0	5.2	10.9	1.9	0.1	-	18.1	-
Lights	39	238	122	0	-	399	141	122	58	2	-	323	129	347	40	0	-	516	79	163	27	1	-	270	1508
% Lights	95.1	96.4	97.6	-	-	96.6	97.9	95.3	92.1	100.0	-	95.8	95.6	98.6	87.0	-	-	96.8	96.3	95.3	93.1	100.0	-	95.4	96.3
Mediums	2	7	1	0	-	10	3	4	0	0	-	7	2	3	6	0	-	11	2	8	2	0	-	12	40
% Mediums	4.9	2.8	0.8	-	-	2.4	2.1	3.1	0.0	0.0	-	2.1	1.5	0.9	13.0	-	-	2.1	2.4	4.7	6.9	0.0	-	4.2	2.6
Articulated Trucks	0	1	0	0	-	1	0	1	0	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	2
% Articulated Trucks	0.0	0.4	0.0	-	-	0.2	0.0	0.8	0.0	0.0	-	0.3	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.1
Bicycles on Road	0	1	2	0	-	3	0	1	5	0	-	6	4	2	0	0	-	6	1	0	0	0	-	1	16
% Bicycles on Road	0.0	0.4	1.6	-	-	0.7	0.0	0.8	7.9	0.0	-	1.8	3.0	0.6	0.0	-	-	1.1	1.2	0.0	0.0	0.0	-	0.4	1.0
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-	-	-	-	33.3	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	3	-	-	-	-	-	3	-	-	-	-	-	2	-	-	-	-	-	4	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	66.7	-	-	-	-	-	100.0	-	-

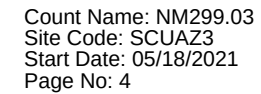


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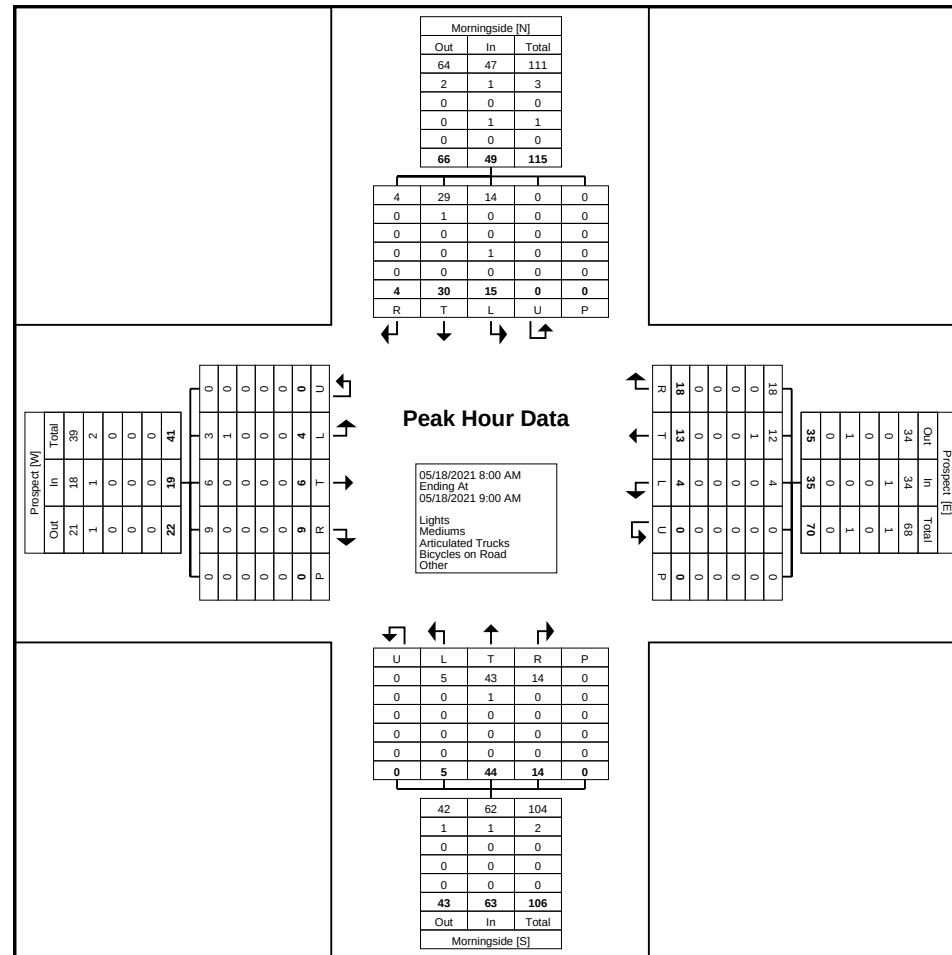
Turning Movement Data Plot





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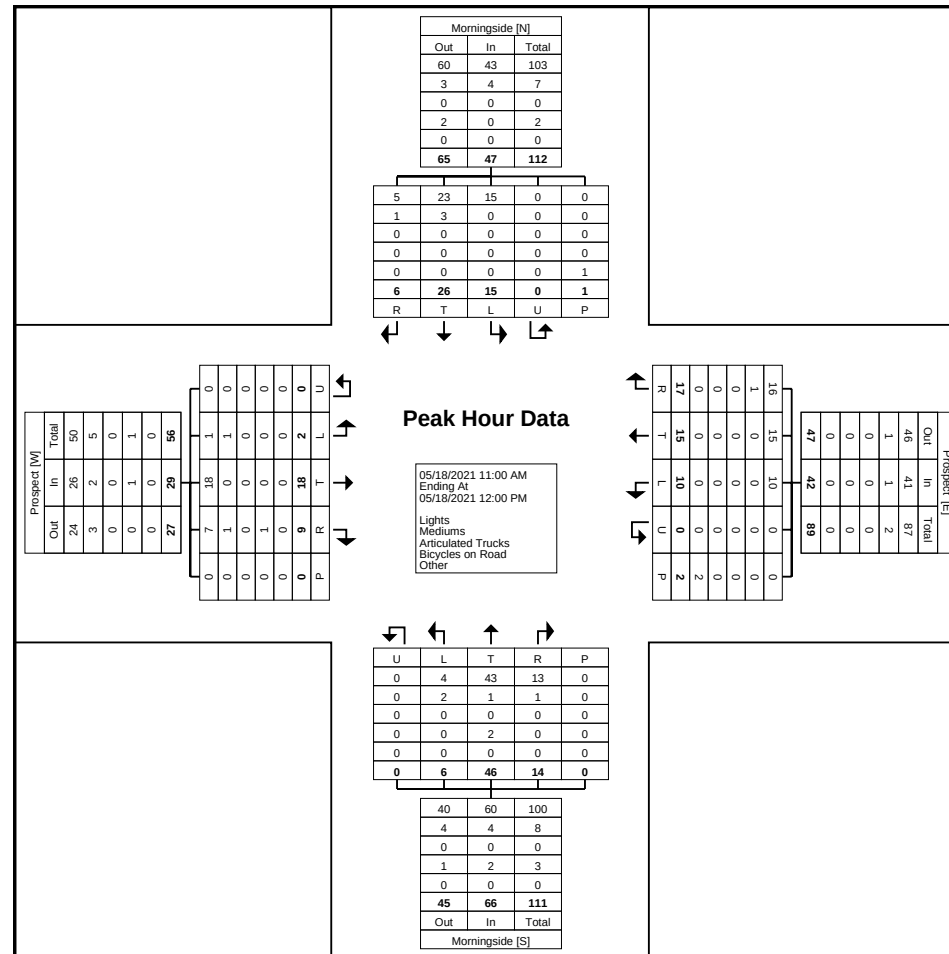
Count Name: NM299.03
Site Code: SCUAZ3
Start Date: 05/18/2021
Page No: 6

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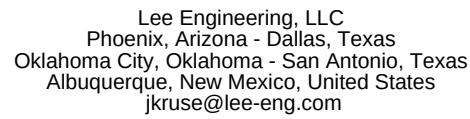


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Turning Movement Peak Hour Data Plot (11:00 AM)





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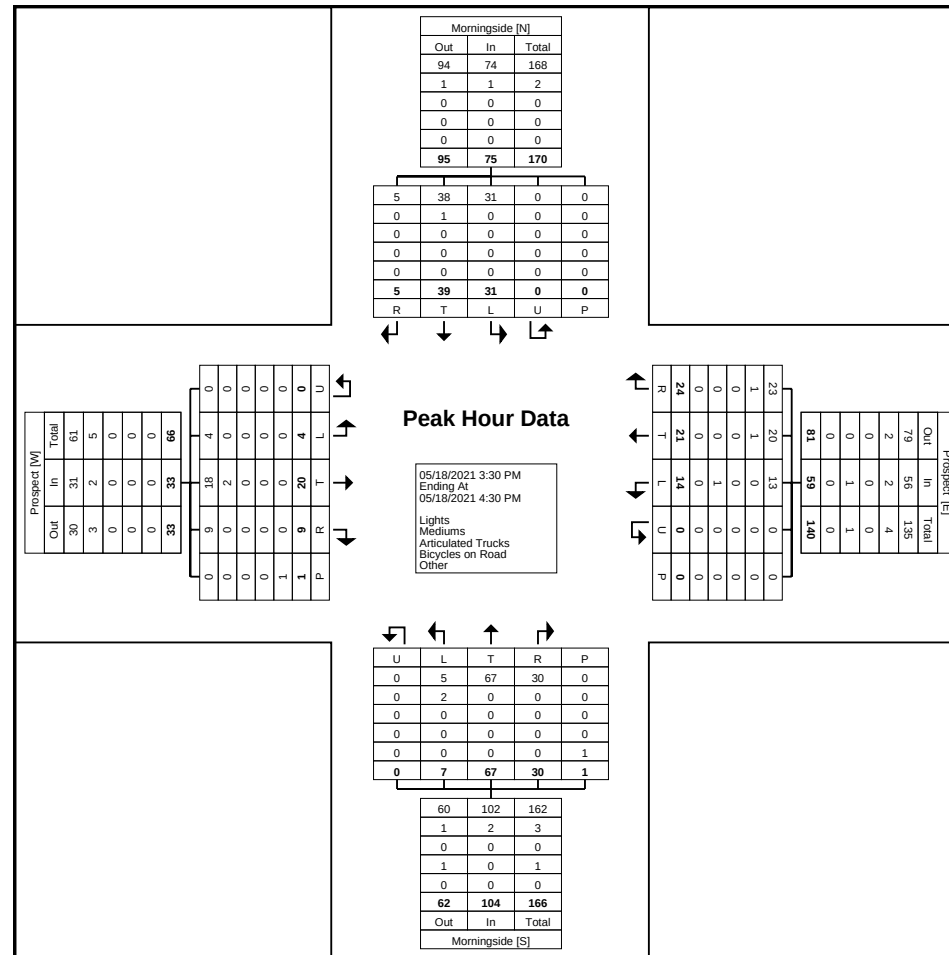
Turning Movement Peak Hour Data (3:30 PM)

Start Time	Morningside Southbound						Prospect Westbound						Morningside Northbound						Prospect Eastbound						Int. Total
	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	
3:30 PM	0	13	11	0	0	24	4	4	4	0	0	12	11	20	3	0	1	34	2	6	0	0	0	8	78
3:45 PM	0	8	5	0	0	13	4	10	2	0	0	16	6	21	0	0	0	27	4	5	1	0	0	10	66
4:00 PM	3	10	8	0	0	21	7	5	4	0	0	16	5	15	3	0	0	23	2	5	3	0	1	10	70
4:15 PM	2	8	7	0	0	17	9	2	4	0	0	15	8	11	1	0	0	20	1	4	0	0	0	5	57
Total	5	39	31	0	0	75	24	21	14	0	0	59	30	67	7	0	1	104	9	20	4	0	1	33	271
Approach %	6.7	52.0	41.3	0.0	-	-	40.7	35.6	23.7	0.0	-	-	28.8	64.4	6.7	0.0	-	-	27.3	60.6	12.1	0.0	-	-	-
Total %	1.8	14.4	11.4	0.0	-	27.7	8.9	7.7	5.2	0.0	-	21.8	11.1	24.7	2.6	0.0	-	38.4	3.3	7.4	1.5	0.0	-	12.2	-
PHF	0.417	0.750	0.705	0.000	-	0.781	0.667	0.525	0.875	0.000	-	0.922	0.682	0.798	0.583	0.000	-	0.765	0.563	0.833	0.333	0.000	-	0.825	0.869
Lights	5	38	31	0	-	74	23	20	13	0	-	56	30	67	5	0	-	102	9	18	4	0	-	31	263
% Lights	100.0	97.4	100.0	-	-	98.7	95.8	95.2	92.9	-	-	94.9	100.0	100.0	71.4	-	-	98.1	100.0	90.0	100.0	-	-	93.9	97.0
Mediums	0	1	0	0	-	1	1	1	0	0	-	2	0	0	2	0	-	2	0	2	0	0	-	2	7
% Mediums	0.0	2.6	0.0	-	-	1.3	4.2	4.8	0.0	-	-	3.4	0.0	0.0	28.6	-	-	1.9	0.0	10.0	0.0	-	-	6.1	2.6
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Articulated Trucks	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Road	0	0	0	0	-	0	0	0	1	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	1
% Bicycles on Road	0.0	0.0	0.0	-	-	0.0	0.0	0.0	7.1	-	-	1.7	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.4
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	100.0	-	-



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Appendix C:

Trip Generation Manual Excerpts

Multifamily Housing (Low-Rise) (220)

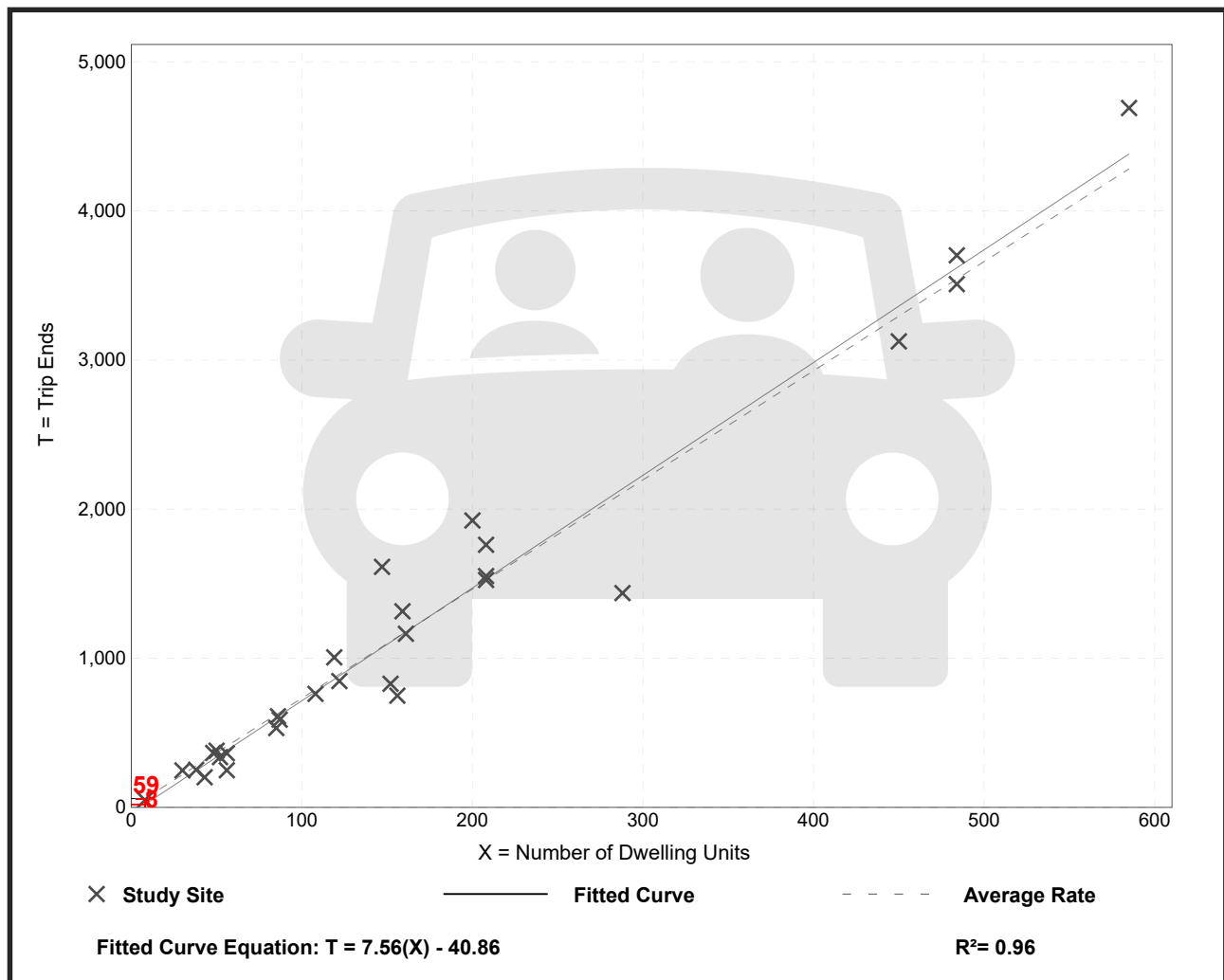
Vehicle Trip Ends vs: Dwelling Units
On a: Weekday

Setting/Location: General Urban/Suburban
Number of Studies: 29
Avg. Num. of Dwelling Units: 168
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
7.32	4.45 - 10.97	1.31

Data Plot and Equation



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Multifamily Housing (Low-Rise) (220)

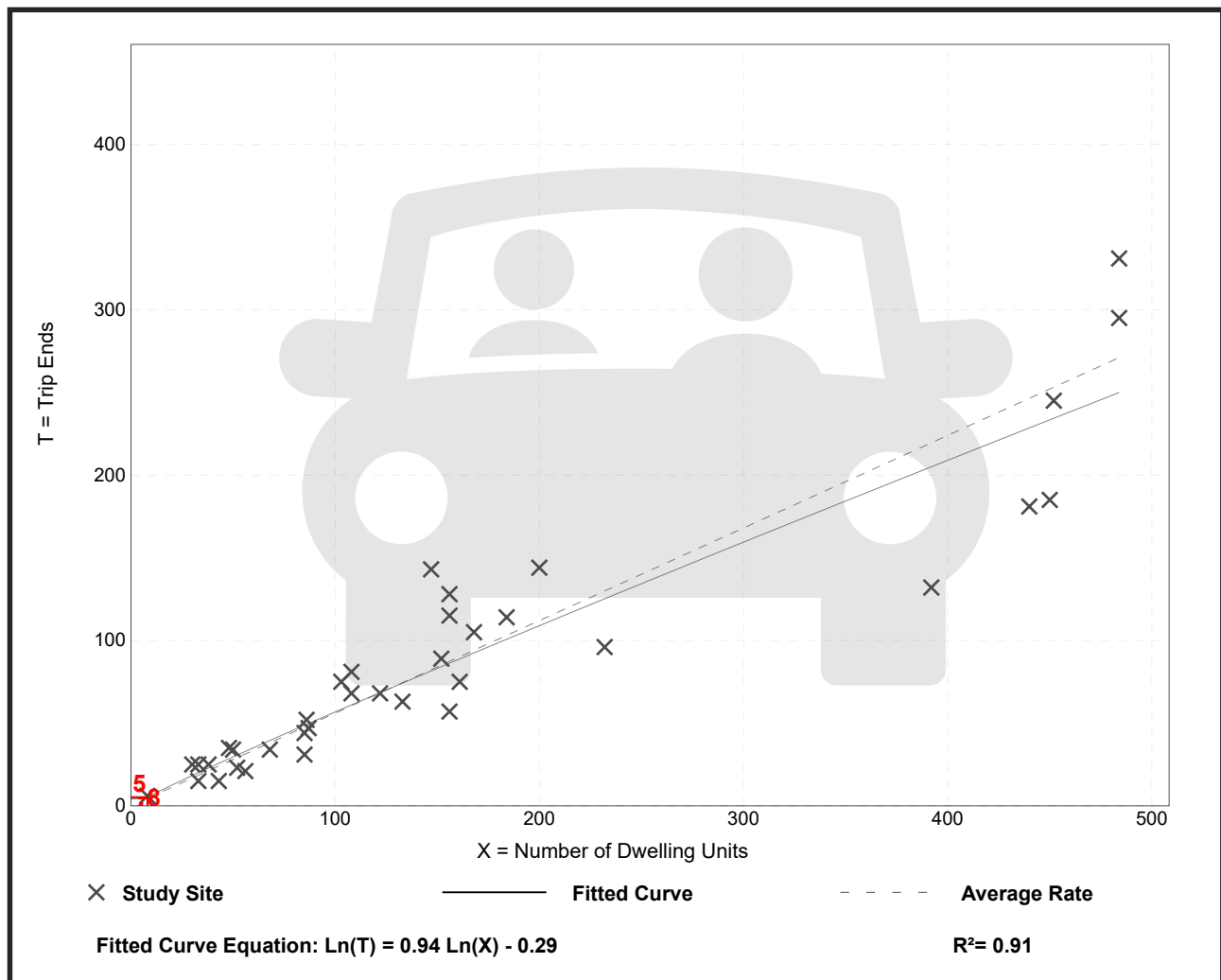
Vehicle Trip Ends vs: Dwelling Units
On a: Weekday,
AM Peak Hour of Generator

Setting/Location: General Urban/Suburban
Number of Studies: 36
Avg. Num. of Dwelling Units: 161
Directional Distribution: 28% entering, 72% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
0.56	0.34 - 0.97	0.15

Data Plot and Equation



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Multifamily Housing (Low-Rise) (220)

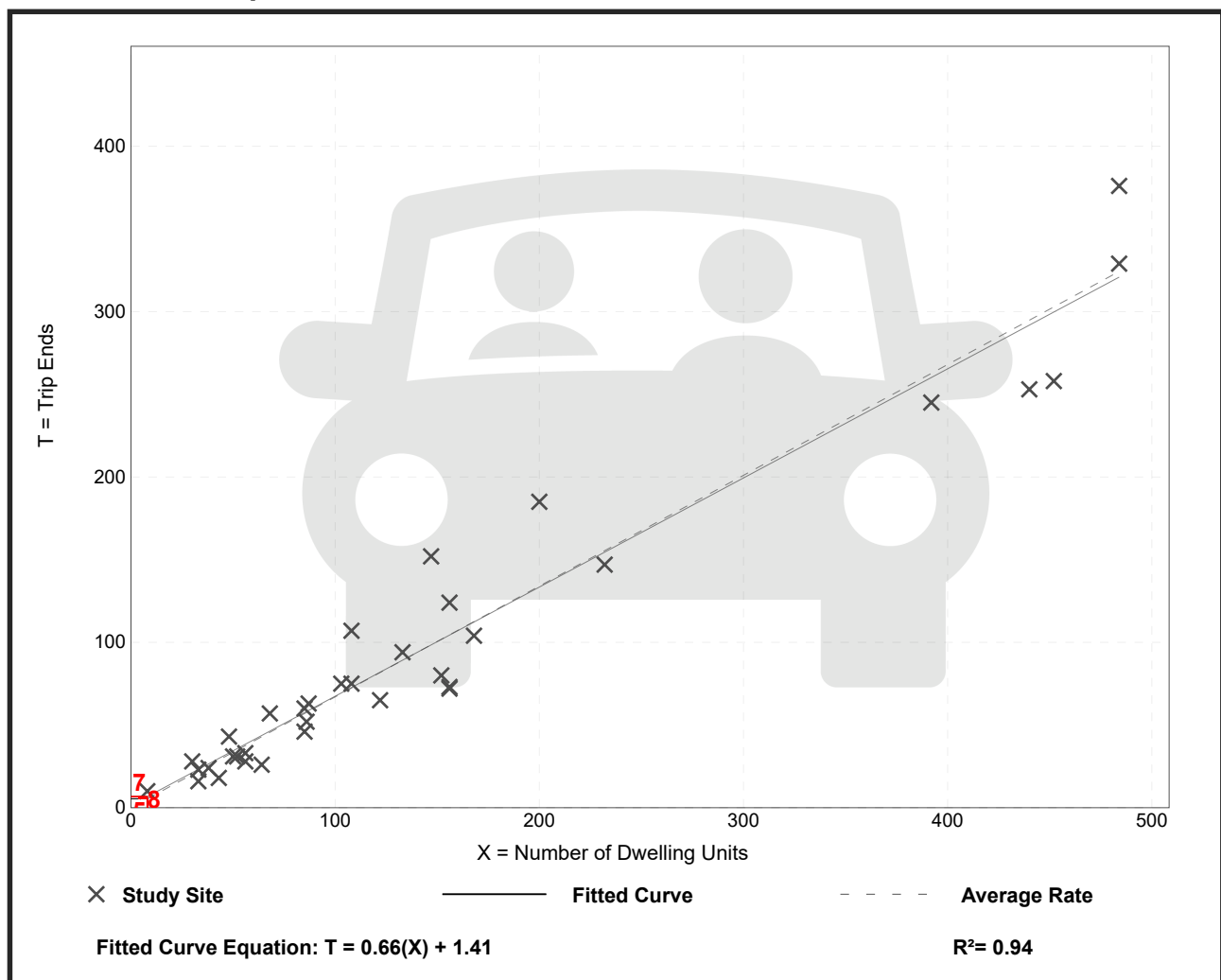
Vehicle Trip Ends vs: Dwelling Units
On a: Weekday,
PM Peak Hour of Generator

Setting/Location: General Urban/Suburban
Number of Studies: 35
Avg. Num. of Dwelling Units: 146
Directional Distribution: 59% entering, 41% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
0.67	0.41 - 1.25	0.14

Data Plot and Equation



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Super Convenience Market/Gas Station (960)

Vehicle Trip Ends vs: Vehicle Fueling Positions
On a: Weekday

Setting/Location: General Urban/Suburban

Number of Studies: 13

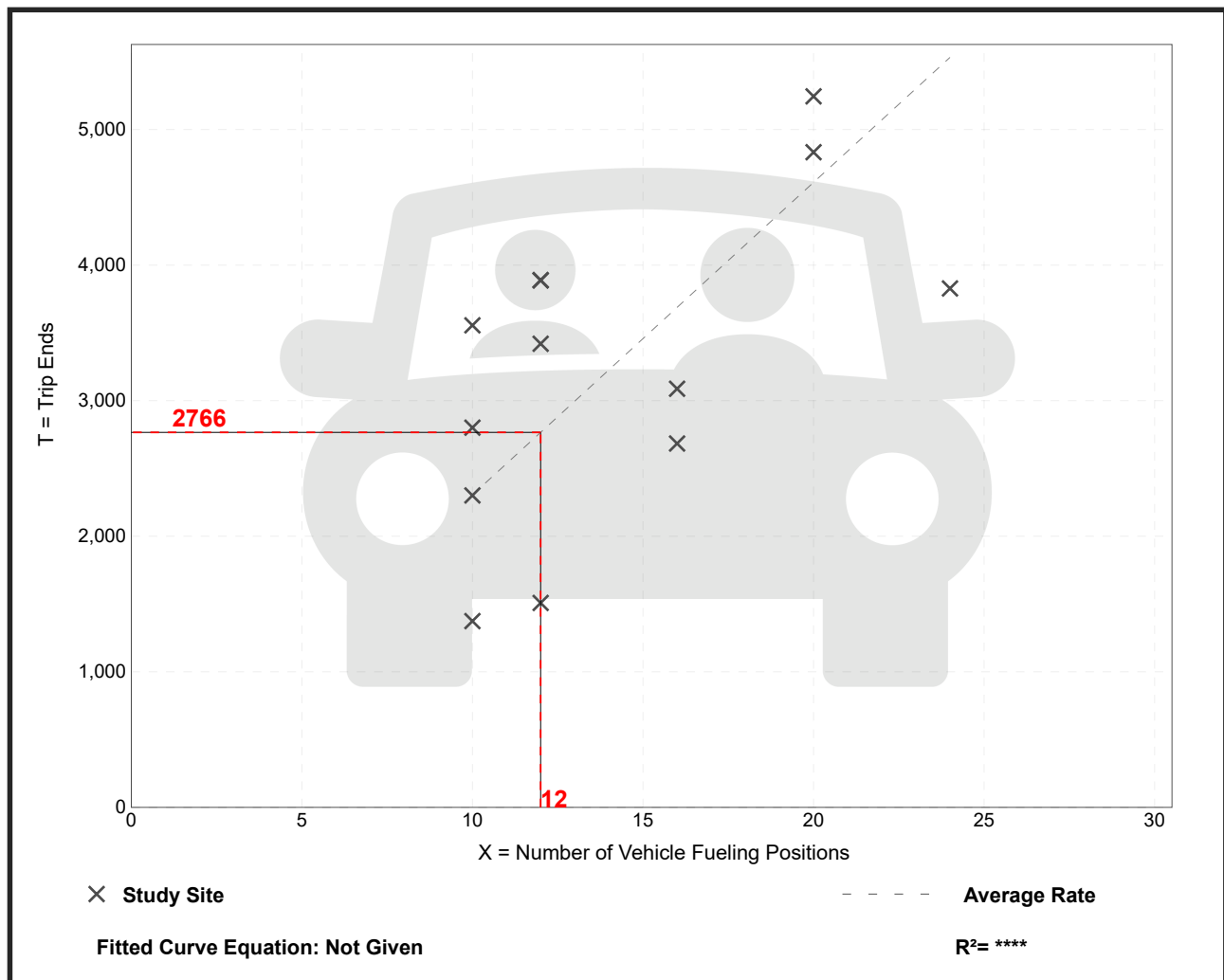
Avg. Num. of Vehicle Fueling Positions: 14

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
230.52	125.67 - 355.60	71.75

Data Plot and Equation



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Super Convenience Market/Gas Station (960)

Vehicle Trip Ends vs: Vehicle Fueling Positions

**On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.**

Setting/Location: General Urban/Suburban

Number of Studies: 39

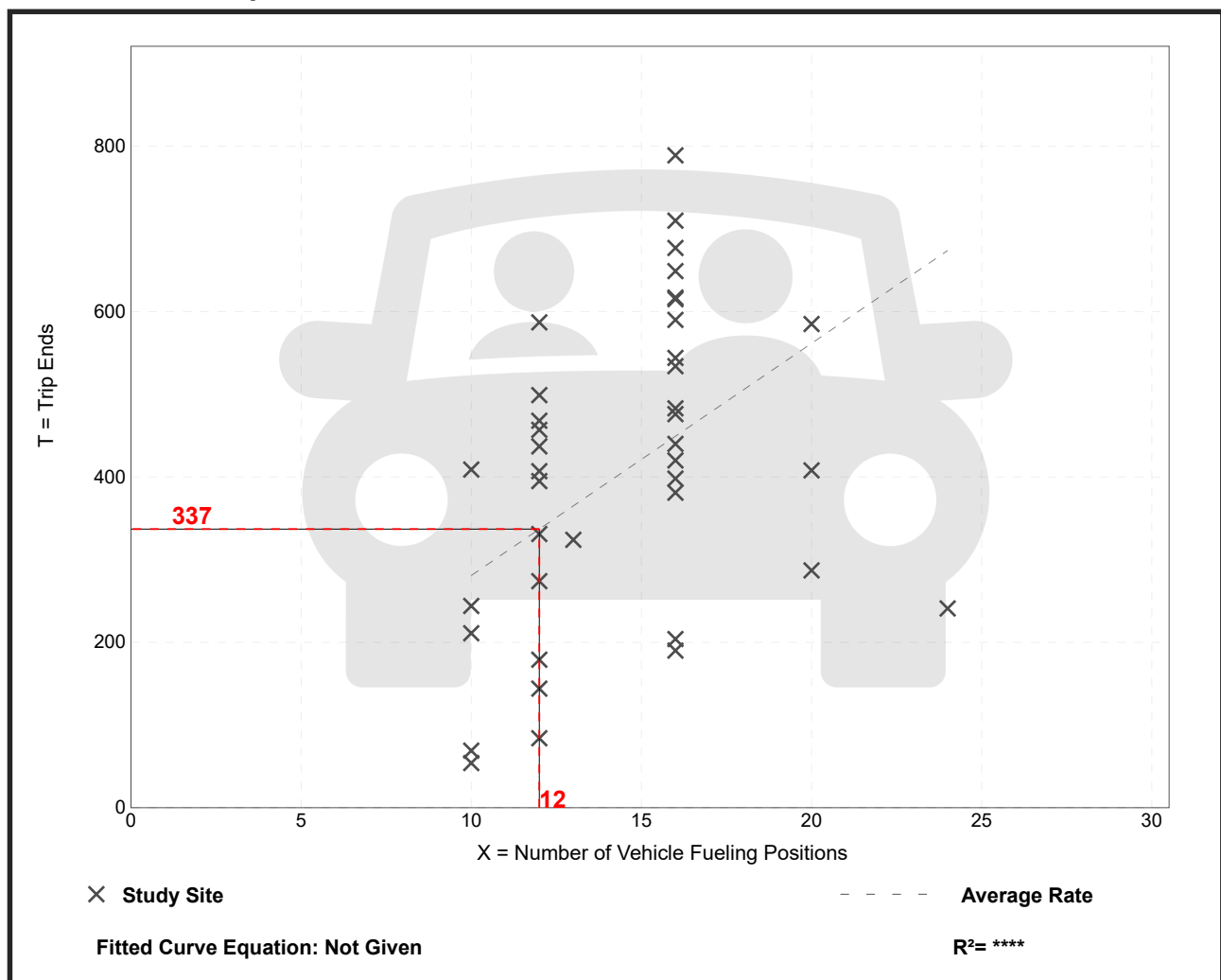
Avg. Num. of Vehicle Fueling Positions: 14

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
28.08	5.40 - 49.31	11.98

Data Plot and Equation



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Super Convenience Market/Gas Station (960)

Vehicle Trip Ends vs: Vehicle Fueling Positions

On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

Number of Studies: 48

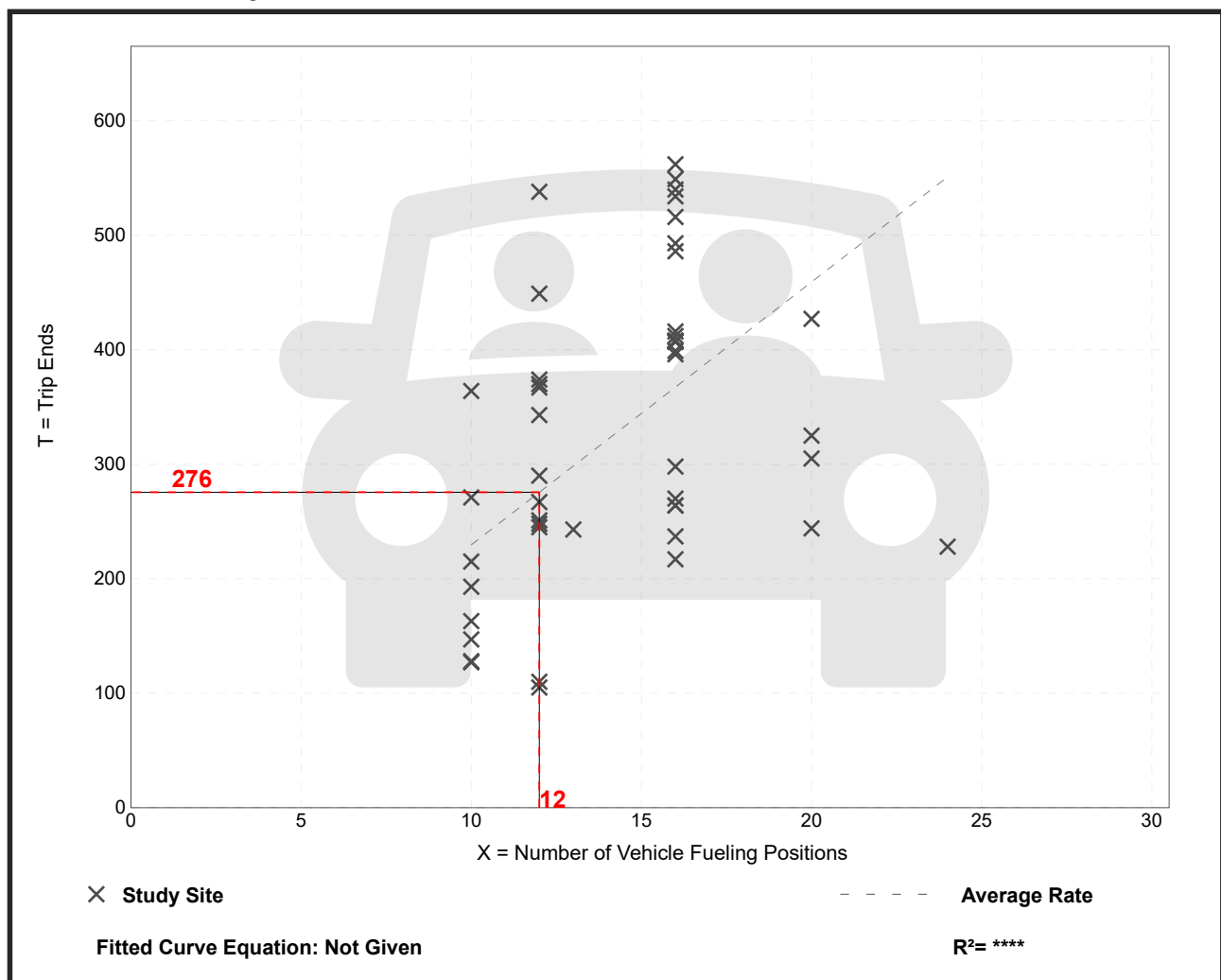
Avg. Num. of Vehicle Fueling Positions: 14

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
22.96	8.75 - 44.83	8.34

Data Plot and Equation



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Fast-Food Restaurant with Drive-Through Window (934)

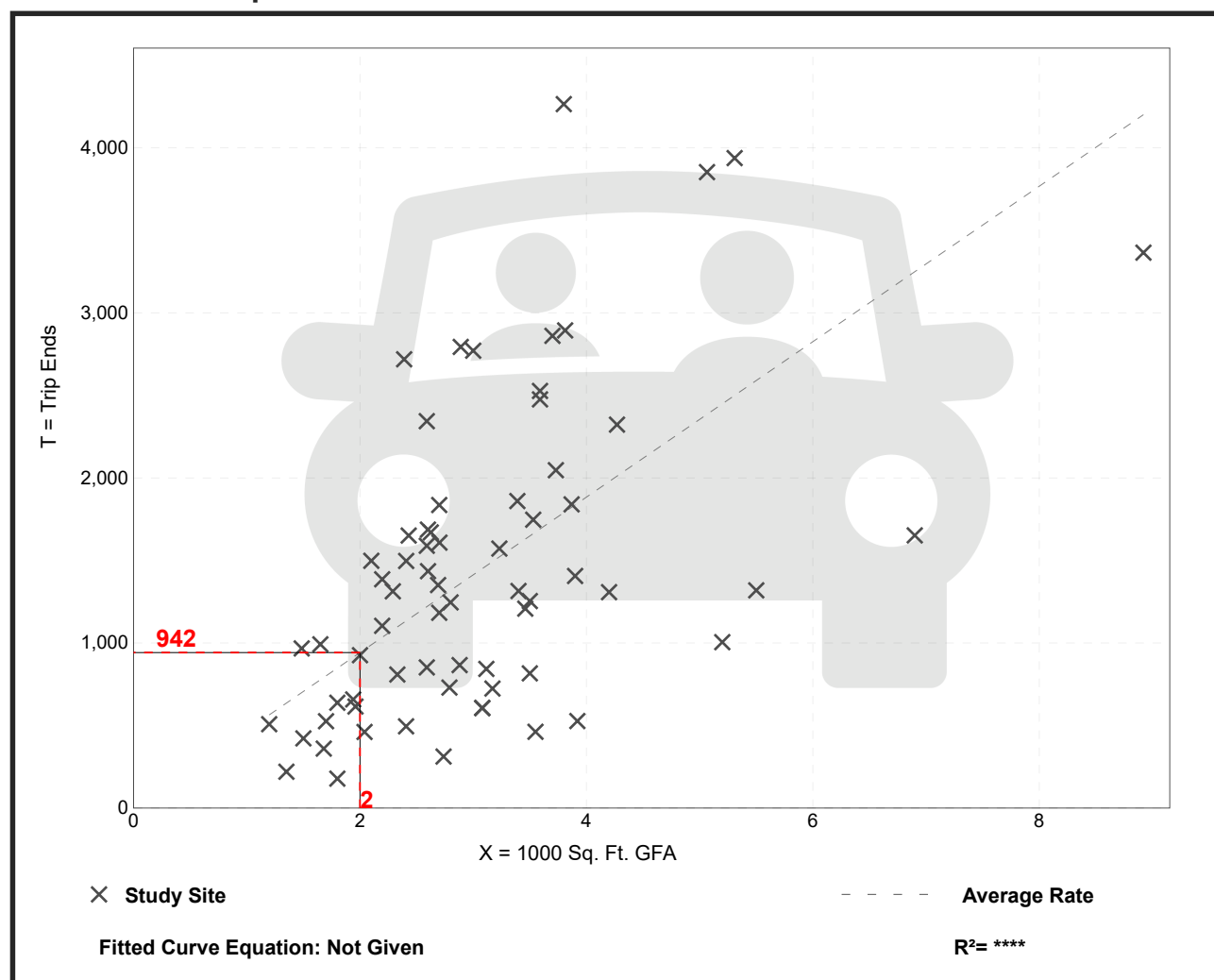
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday

Setting/Location: General Urban/Suburban
Number of Studies: 67
Avg. 1000 Sq. Ft. GFA: 3
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
470.95	98.89 - 1137.66	244.44

Data Plot and Equation



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Fast-Food Restaurant with Drive-Through Window (934)

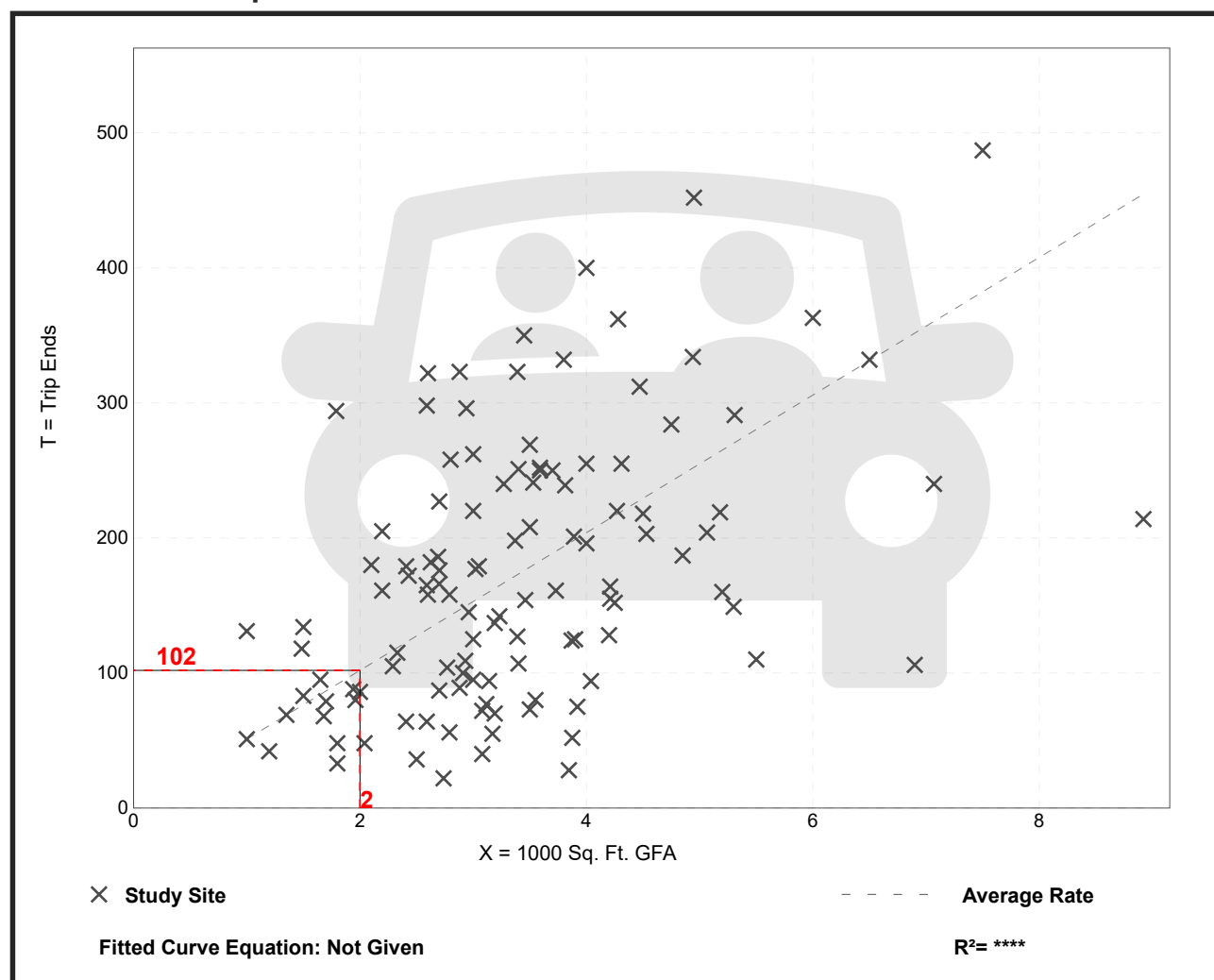
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
AM Peak Hour of Generator

Setting/Location: General Urban/Suburban
 Number of Studies: 117
 Avg. 1000 Sq. Ft. GFA: 3
 Directional Distribution: 52% entering, 48% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
50.97	7.28 - 164.25	26.22

Data Plot and Equation



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Fast-Food Restaurant with Drive-Through Window (934)

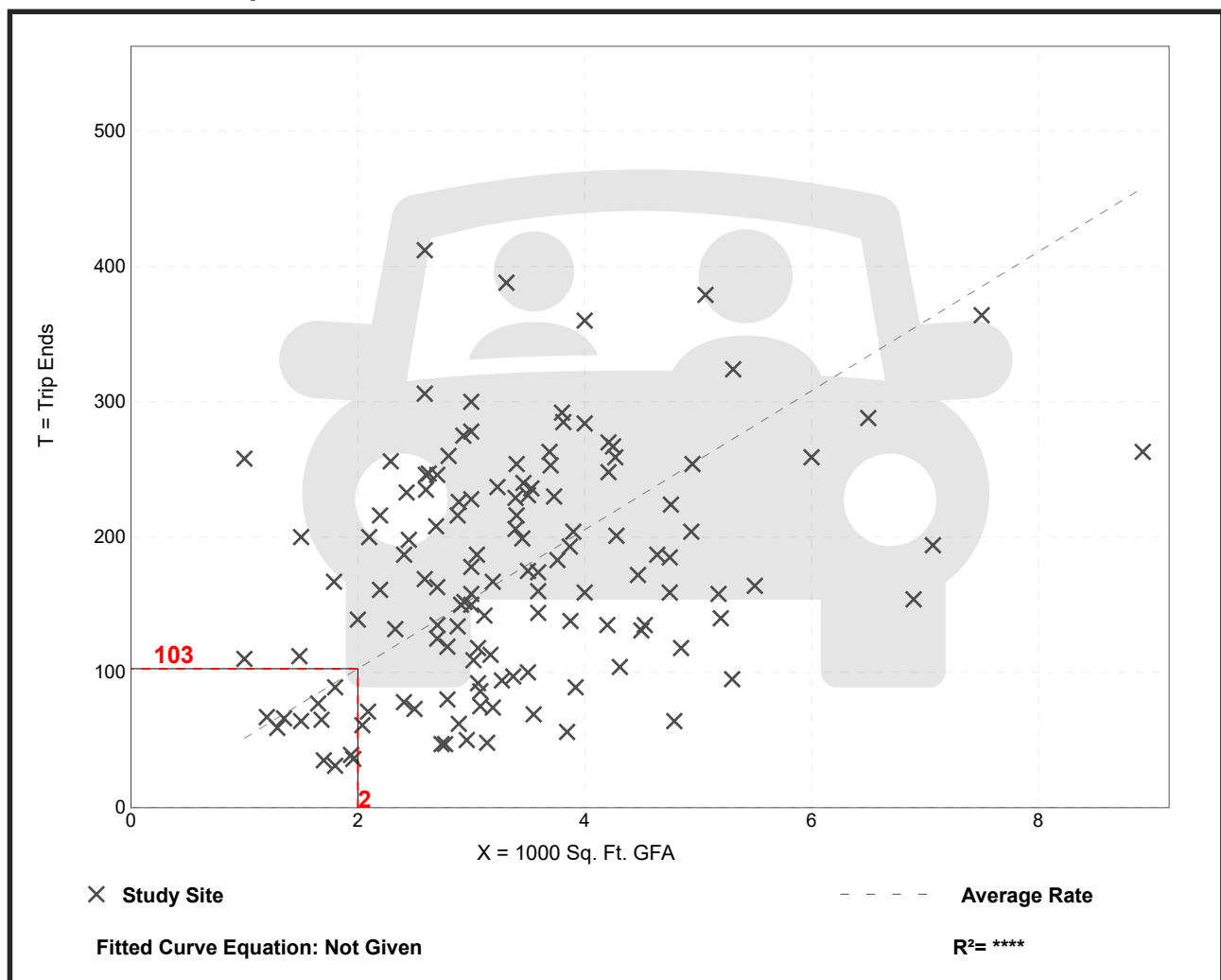
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
PM Peak Hour of Generator

Setting/Location: General Urban/Suburban
 Number of Studies: 132
 Avg. 1000 Sq. Ft. GFA: 3
 Directional Distribution: 51% entering, 49% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
51.36	13.36 - 258.00	27.47

Data Plot and Equation



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Variety Store (814)

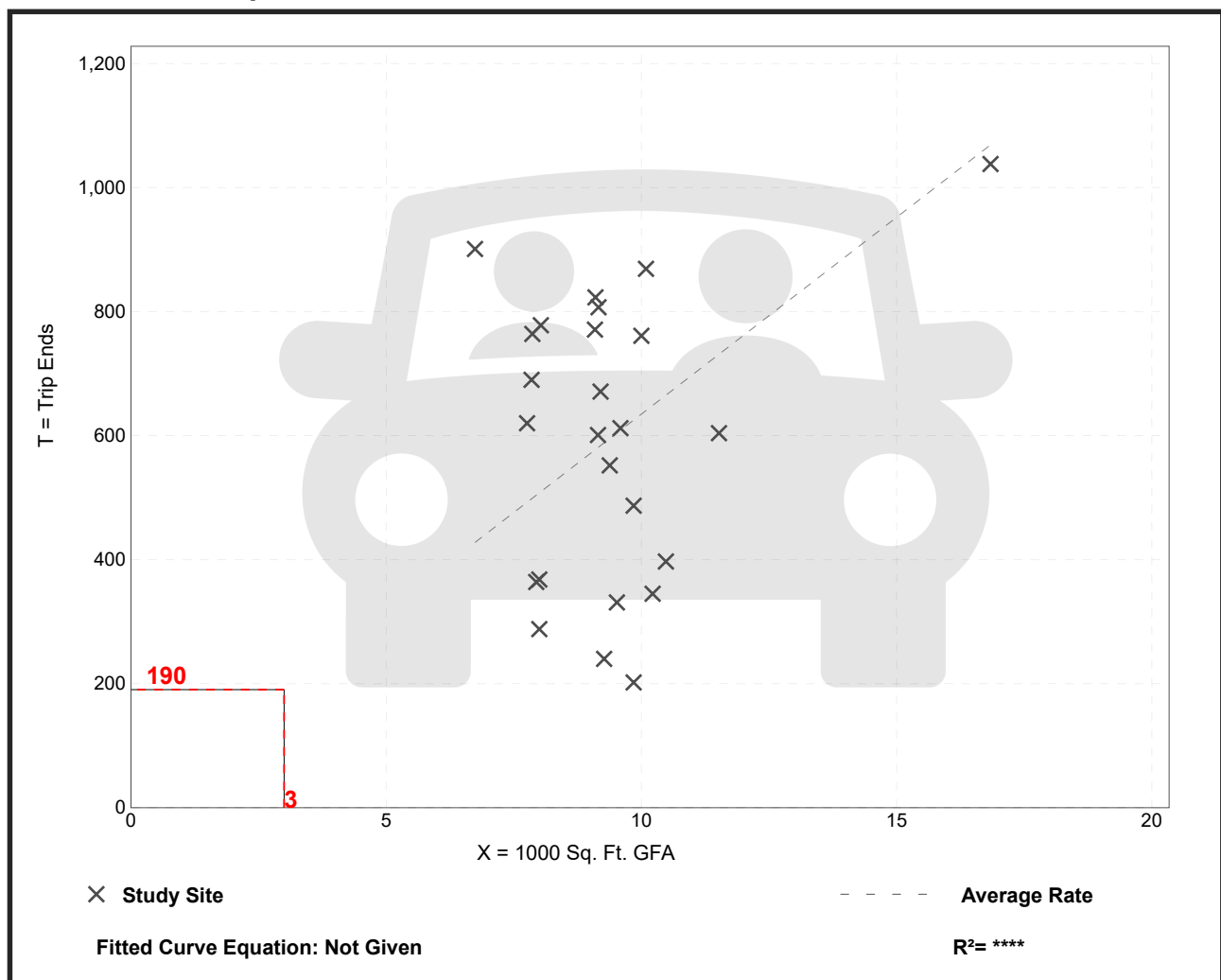
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday

Setting/Location: General Urban/Suburban
Number of Studies: 25
Avg. 1000 Sq. Ft. GFA: 9
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
63.47	20.51 - 133.68	25.93

Data Plot and Equation



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Variety Store (814)

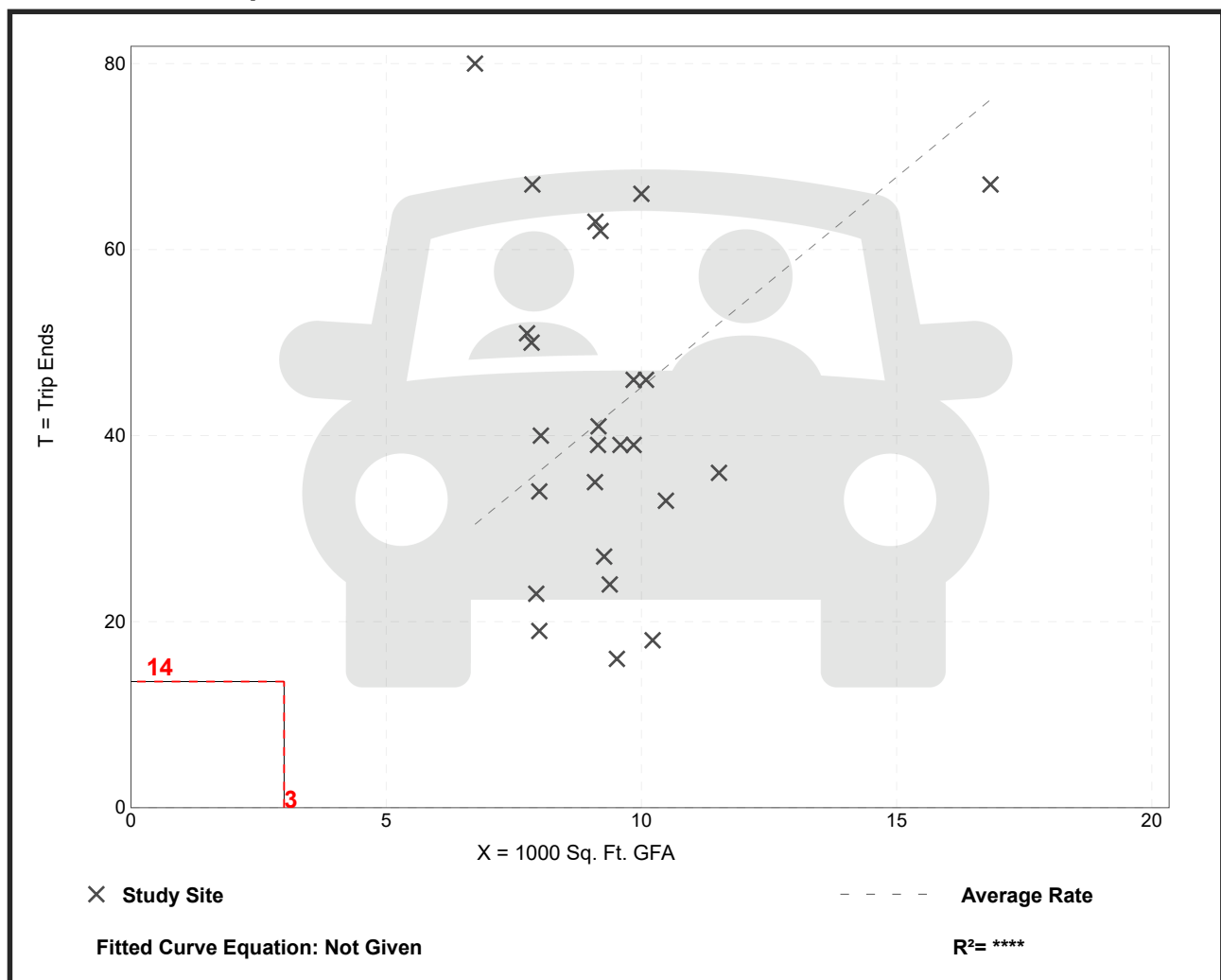
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
AM Peak Hour of Generator

Setting/Location: General Urban/Suburban
 Number of Studies: 25
 Avg. 1000 Sq. Ft. GFA: 9
 Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
4.52	1.68 - 11.87	2.13

Data Plot and Equation



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Variety Store (814)

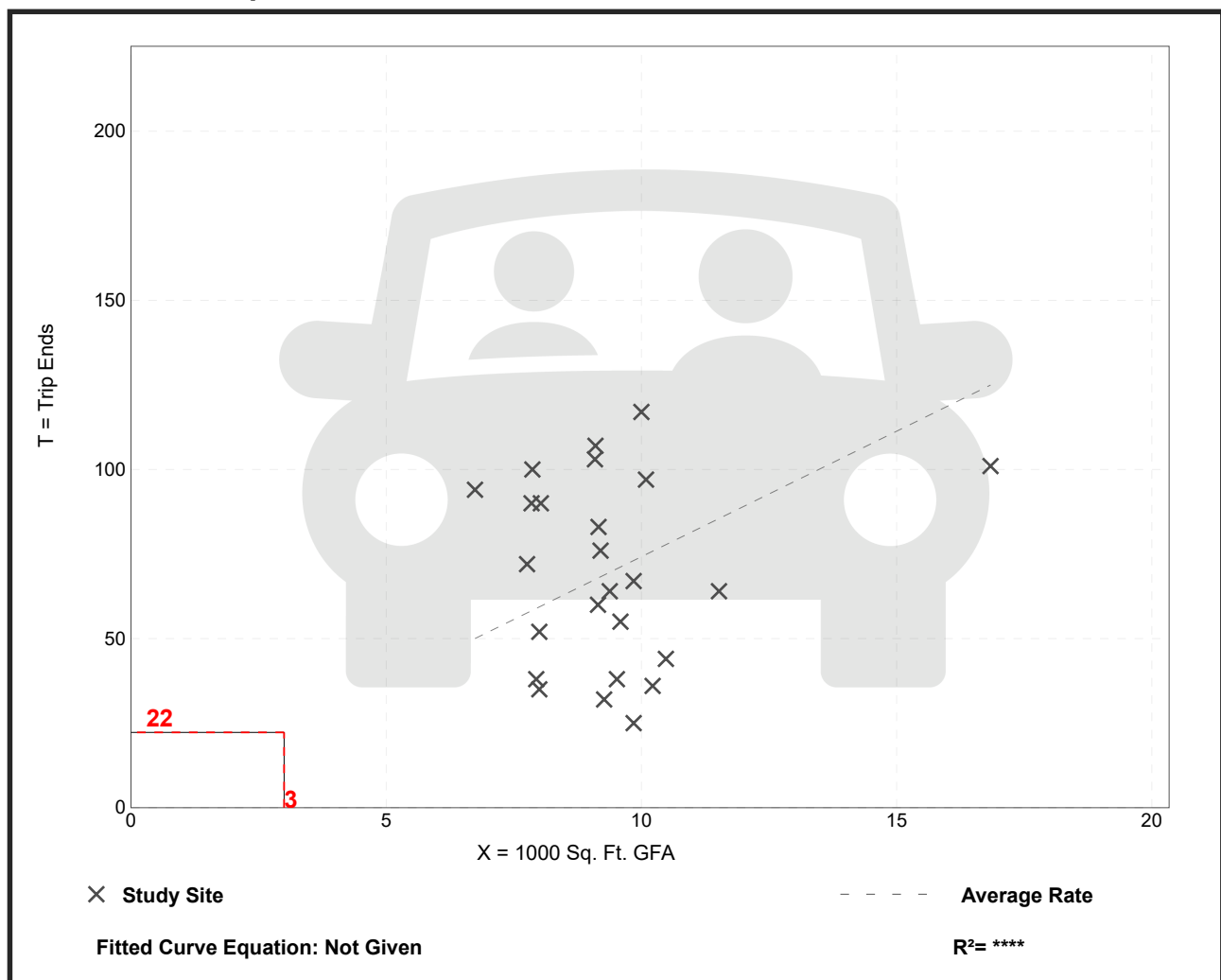
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
PM Peak Hour of Generator

Setting/Location: General Urban/Suburban
 Number of Studies: 25
 Avg. 1000 Sq. Ft. GFA: 9
 Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
7.42	2.54 - 13.95	3.24

Data Plot and Equation



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Appendix D:
HCS Software LOS & Capacity Output
Sheets (See Digital Files)

Appendix E:

MRCOG Traffic Growth Data