

MEMORANDUM TO: Maxxam Partners, LLC

FROM: Robert A. Casiello
Consultant

Luay R. Aboona, PE
Principal

DATE: June 22, 2015

SUBJECT: Summary Traffic Evaluation
Proposed Alcoholism and Substance Abuse Treatment Facility
Unincorporated Kane County, Illinois

This memorandum presents the findings of a summary traffic evaluation conducted by Kenig, Lindgren, O'Hara, Aboona, Inc. (KLOA, Inc.) for a proposed alcoholism and substance abuse treatment facility located at 41 W400 Silver Glen Road in Unincorporated Kane County, Illinois. The site is a closed boarding school for at-risk children, owned by the Glenwood Academy, and is located north of Silver Glen Road approximately one mile west of Corron Road. The site contains twelve buildings and a maintenance area. All of the existing buildings will be utilized to accommodate this new development. Access to the site will continue to be provided by the existing drive off of Silver Glen Road.

The purpose of this evaluation is to examine the existing conditions of the site and evaluate the proposed site operation, specifically with respect to traffic generation.

Existing Conditions

As noted, the proposed development will occupy the existing Glenwood School buildings, which are located north of Silver Glen Road approximately one mile west of Corron Road, as shown in **Figure 1**. Access will continue to be provided by the existing access drive off of Silver Glen Road. The characteristics of Silver Glen Road and the existing access drive are described below.



Aerial View of Site Location

Figure 1

Silver Glen Road is an east-west collector road providing one through lane in each direction with parking prohibited on both sides of the road and a posted speed limit of 45 mph. Silver Glen Road is under the jurisdiction of the Kane County Division of Transportation (KDOT). At its intersection with the site Access Drive, a shared through/left-turn lane is provided in the eastbound direction and exclusive through and right-turn lanes are provided in the westbound direction. The average daily traffic (ADT) volume on Silver Glen Road between Corron Road and Burlington Road is 2,214 vehicles. This is based on traffic counts conducted by KLOA, Inc. on April 14, 2015. A copy of the 2015 ADT volumes with hourly breakdowns is included in the Appendix. Silver Glen Road is under stop sign control at its intersection with Burlington Road and is under all-way stop sign control at its intersection with Corron Road.

Access Drive is a north-south 24-foot wide undivided private road providing one through lane in each direction. The Access Drive extends for approximately 0.5 mile between Silver Glen Road and the main entrance to the site. At its stop-sign-controlled intersection with Silver Glen Road, the access drive provides one inbound lane and one outbound lane divided by a landscaped median. This access drive's intersection with Silver Glen Road occurs at the apex of the curve along Silver Glen Road which provides for adequate sight lines for traffic to turn onto Silver Glen Road.

Characteristics of the Proposed Development

Proposed on the site is an in-patient residential alcoholism and substance abuse treatment facility that will utilize the existing Glenwood School buildings. The site is currently occupied by twelve buildings and a maintenance area. All of these buildings will be utilized to accommodate this new development.

Facility Characteristics

The proposed facility is a private, high-end alcoholism and substance abuse treatment facility. The facility will provide residential treatment and inpatient detoxification, which are permitted under the licensure provided by the Illinois Department of Human Services, Division of Alcoholism and Substance Abuse. The proposed facility will have a 120-bed capacity with typical client stays ranging from 30 to 90 days. The clients will live and stay on the campus for the entire duration of their treatment.

The on-site staffing will consist of doctors, therapists, and other professional and administrative personnel. The following lists the three shifts for employees with an approximate number of employees per shift at full capacity.

- 8:00 A.M. to 4:00 P.M. (Weekdays: 40 employees; Weekends: 20 employees)
- 2:00 P.M. to 10:00 P.M. (22 employees)
- 10:00 P.M. to 8:00 A.M. (8 employees)

The employee hours are staggered, which spreads out the amount of traffic coming in and out of the site at any given time. Further, professional services from outside the facility will be rarely needed, as clients will primarily work with the on-site staff. In addition to the on-site employees, programmed family visitation programs are held on weekends for clients. The number of these trips will be minimal and will be offset by the reduced staffing levels on the weekends.

The site is also expected to receive routine parcel deliveries during the day. In addition, food delivery/food supply companies will be making weekly deliveries to the facility, resulting in approximately three truck deliveries per day. No additional regular vehicle trips are expected outside of the activities described above. The facility’s routine maintenance and landscaping will be completed by staff and the utilization of outside companies for related services will be infrequent.

Estimated Site-Generated Traffic

To estimate the number of vehicle trips that will be generated by the proposed residential addiction treatment facility, KLOA, Inc. conducted peak period traffic counts at Timberline Knolls, a similar treatment facility that is currently in operation and slightly larger in size (approximately 122 beds in 2012) in Lemont, Illinois. The counts were conducted on Friday, July 6, 2012 and Saturday, July 7, 2012 during the morning (6:00 A.M. to 9:00 A.M.) and evening (3:00 P.M. to 6:00 P.M.) peak periods. The summary of the count data in 15-minute increments is included in the Appendix. **Table 1** summarizes the total number of vehicles entering and exiting the driveway during the morning and evening peak hours for both Friday and Saturday.

Table 1

TIMBERLINE KNOLLS – PEAK HOUR TRAFFIC COUNT SUMMARY

	Morning Peak Hour	Evening Peak Hour
Friday	21	29
Saturday	18	27

As can be seen from **Table 1**, the Timberline Knolls facility generates a minimal amount of two-way vehicular traffic during the peak hours. As such, based on the similar type of operation it can be assumed that the proposed alcoholism and substance abuse treatment facility will generate a similar amount of two-way vehicle traffic.

Traffic Evaluation

Based on the average daily traffic counts provided by Kane County, Silver Glen Road carries a morning peak (6:45 A.M. to 7:45 A.M.) two-way hourly volume of 175 vehicles and an evening peak (4:30 P.M. to 5:30 P.M.) two-way hourly volume of 218 vehicles. The critical peak hour for all time periods at the Timberline Knolls driveway occurs with 29 total vehicles entering and exiting the facility. Utilizing this data for the proposed alcoholism and substance abuse treatment facility, even though it will have fewer beds, and given the low volume of traffic along Silver Glen Road, the additional traffic from the proposed facility will not have a detrimental impact on Silver Glen Road traffic. As such, the existing access drive and existing westbound right turn lane on Silver Glen Road will be adequate in accommodating the estimated two-way traffic that will be generated by the site. No additional intersection or roadway improvements will be necessary to accommodate the site traffic.

Conclusion

Based on the preceding traffic analysis, the following conclusions have been made.

- The proposed facility will provide 120 beds for in-patient residential alcoholism and substance abuse treatment and will utilize the existing Glenwood School buildings.
- There will be three daily employee shifts, with shifts beginning at 8:00 A.M., 2:00 P.M., and 10:00 P.M. The first shift will include approximately 40 staff members on the weekday and 20 staff members on the weekends. The second shift will include approximately 22 staff members while the third shift will include 8 staff.
- The employees are staggered over three shifts, spreading out the amount of traffic entering and exiting the site.
- Silver Glen Road currently carries a low volume of traffic. Moreover, the volume of traffic has actually decreased since the last traffic count was conducted in September of 2011.
- The site-generated traffic, based on the proposed operations of the facility and trip generation surveys of Timberline Knolls, will not be significant and can be accommodated efficiently without significant impact on Silver Glen Road.
- The existing access drive and westbound right-turn lane on Silver Glen Road will adequately serve the site-generated traffic.
- Based on the site-generated traffic and the existing traffic on Silver Glen Road a traffic signal is not warranted or necessary at the intersection of Silver Glen Road and the Access Drive.

Appendix

2015 Silver Glen Road ADT Hourly Volumes
Timberline Knolls Traffic Count Data

2015 Silver Glen Road ADT Hourly Volumes

LOCATION: Silver Glen Rd btw Carron & Burlington SPECIFIC LOCATION: 0 ft from CITY/STATE: Campton Hills, IL														QC JOB #: 13357401 DIRECTION: EB/WB DATE: Apr 14 2015	
Start Time	Motor-cycles	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi	Not Classified	Total
12:00 AM	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
12:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
1:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
1:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
1:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
2:15 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
2:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3:15 AM	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
4:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
4:15 AM	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
4:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4:45 AM	0	9	1	0	0	0	0	0	0	0	0	0	0	0	10
5:00 AM	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
5:15 AM	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
5:30 AM	0	19	1	0	0	0	0	0	0	0	0	0	0	0	20
5:45 AM	0	15	0	0	0	0	0	0	0	0	0	0	0	0	15
Day Total															
Percent															
AM Peak Volume															
PM Peak Volume															
Comments:															

LOCATION: Silver Glen Rd btw Carron & Burlington SPECIFIC LOCATION: 0 ft from CITY/STATE: Campton Hills, IL														QC JOB #: 13357401 DIRECTION: EB/WB DATE: Apr 14 2015	
Start Time	Motor-cycles	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi	Not Classified	Total
6:00 AM	0	26	3	0	0	0	0	0	0	0	0	0	0	0	29
6:15 AM	0	27	0	0	1	0	0	0	0	0	0	0	0	2	30
6:30 AM	0	30	3	0	3	0	0	0	0	0	0	0	0	0	36
6:45 AM	0	35	0	0	0	0	0	0	0	0	0	0	0	1	36
7:00 AM	0	38	2	0	0	0	0	0	0	0	0	0	0	0	40
7:15 AM	0	42	0	0	2	0	0	0	0	0	0	0	0	0	44
7:30 AM	0	52	2	0	1	0	0	0	0	0	0	0	0	0	55
7:45 AM	0	29	2	0	1	0	0	0	0	0	0	0	0	0	32
8:00 AM	0	33	1	0	1	0	0	0	0	0	0	0	0	1	36
8:15 AM	0	23	3	0	1	0	0	0	0	0	0	0	0	1	28
8:30 AM	0	29	3	0	0	0	0	0	1	0	0	0	0	0	33
8:45 AM	0	26	5	0	2	0	0	0	0	0	0	0	0	1	34
9:00 AM	0	19	0	0	1	0	0	0	0	0	0	0	0	1	21
9:15 AM	0	18	5	0	0	0	0	0	0	0	0	0	0	0	23
9:30 AM	0	19	2	0	0	0	0	0	0	0	0	0	0	0	21
9:45 AM	0	18	1	0	1	0	0	0	0	0	0	0	0	1	21
10:00 AM	0	30	2	0	0	0	0	1	0	0	0	0	0	0	33
10:15 AM	0	21	2	0	0	0	0	0	0	0	0	0	0	0	23
10:30 AM	0	26	0	0	0	0	0	0	0	0	0	0	0	0	26
10:45 AM	0	19	2	0	1	0	0	1	0	0	0	0	0	0	23
11:00 AM	0	21	1	0	1	0	0	0	0	0	0	0	0	1	24
11:15 AM	0	21	3	0	0	0	0	0	0	0	0	0	0	0	24
11:30 AM	0	16	1	0	2	0	0	0	0	0	0	0	0	1	20
11:45 AM	1	23	2	0	0	0	0	0	0	0	0	0	0	0	26
Day Total															
Percent															
AM Peak Volume															
PM Peak Volume															
Comments:															

LOCATION: Silver Glen Rd btw Carron & Burlington SPECIFIC LOCATION: 0 ft from CITY/STATE: Campton Hills, IL														QC JOB #: 13357401 DIRECTION: EB/WB DATE: Apr 14 2015	
Start Time	Motor-cycles	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi	Not Classified	Total
12:00 PM	0	26	2	0	1	0	0	0	0	0	0	0	0	0	29
12:15 PM	0	24	1	0	0	0	0	0	0	0	0	0	0	1	26
12:30 PM	0	20	1	1	0	0	0	0	0	0	0	0	0	1	23
12:45 PM	1	24	0	0	0	0	0	0	0	0	0	0	0	1	26
1:00 PM	0	24	1	0	1	0	0	0	0	0	0	0	0	0	26
1:15 PM	1	21	3	0	0	0	0	0	0	0	0	0	0	0	25
1:30 PM	1	27	3	0	0	0	0	0	0	0	0	0	0	1	32
1:45 PM	0	21	1	0	1	0	0	0	0	0	0	0	0	2	25
2:00 PM	0	19	2	0	0	0	0	0	0	0	0	0	0	1	22
2:15 PM	0	24	1	0	0	0	0	0	0	0	0	0	0	2	27
2:30 PM	1	25	1	0	2	0	0	0	0	0	0	0	0	1	30
2:45 PM	0	28	5	0	1	0	0	0	0	0	0	0	0	2	36
3:00 PM	0	39	0	0	1	0	0	0	0	0	0	0	0	0	40
3:15 PM	1	36	1	0	4	0	0	0	0	0	0	0	0	1	43
3:30 PM	0	33	2	0	2	0	0	0	0	0	0	0	0	0	37
3:45 PM	1	45	2	0	1	0	0	0	0	0	0	0	0	0	49
4:00 PM	0	47	2	0	0	0	0	0	0	0	0	0	0	1	50
4:15 PM	1	41	0	0	0	0	0	0	0	0	0	0	0	1	43
4:30 PM	0	49	1	0	0	0	0	0	0	0	0	0	0	4	54
4:45 PM	0	49	0	0	0	0	0	0	0	0	0	0	0	1	50
5:00 PM	0	49	2	0	0	0	0	0	0	0	0	0	0	0	51
5:15 PM	0	60	3	0	0	0	0	0	0	0	0	0	0	0	63
5:30 PM	0	42	1	0	0	0	0	1	0	0	0	0	0	1	45
5:45 PM	0	51	1	0	0	0	0	0	0	0	0	0	0	0	52
Day Total															
Percent															
AM Peak															
Volume															
PM Peak															
Volume															
Comments:															

LOCATION: Silver Glen Rd btw Carron & Burlington SPECIFIC LOCATION: 0 ft from CITY/STATE: Campton Hills, IL														QC JOB #: 13357401 DIRECTION: EB/WB DATE: Apr 14 2015	
Start Time	Motor-cycles	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi	Not Classified	Total
6:00 PM	0	40	2	0	0	0	0	0	0	0	0	0	0	1	43
6:15 PM	0	45	1	0	0	0	0	0	0	0	0	0	0	0	46
6:30 PM	0	43	2	0	0	0	0	0	0	0	0	0	0	0	45
6:45 PM	0	35	2	0	0	0	0	0	0	0	0	0	0	2	39
7:00 PM	1	42	0	0	0	0	0	0	0	0	0	0	0	1	44
7:15 PM	0	24	6	0	0	0	0	0	0	0	0	0	0	0	30
7:30 PM	0	43	1	0	0	0	0	0	0	0	0	0	0	0	44
7:45 PM	0	27	0	0	0	0	0	0	0	0	0	0	0	0	27
8:00 PM	1	31	0	0	0	0	0	0	0	0	0	0	0	0	32
8:15 PM	0	16	0	0	0	0	0	0	0	0	0	0	0	1	17
8:30 PM	0	15	0	0	0	0	0	0	0	0	0	0	0	0	15
8:45 PM	0	20	0	0	0	0	0	0	0	0	0	0	0	0	20
9:00 PM	0	16	0	0	0	0	0	0	0	0	0	0	0	1	17
9:15 PM	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
9:30 PM	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
9:45 PM	0	12	0	0	0	0	0	0	0	0	0	0	0	1	13
10:00 PM	0	15	0	0	0	0	0	0	0	0	0	0	0	0	15
10:15 PM	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
10:30 PM	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
10:45 PM	0	7	0	0	0	0	0	0	0	0	0	0	0	1	8
11:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
11:15 PM	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
11:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
11:45 PM	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Day Total	10	2026	102	1	32	0	0	3	1	0	0	0	0	39	2214
Percent	0.5%	91.5%	4.6%	0.0%	1.4%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	
ADT 2214															
AM Peak	11:45 AM	7:30 AM	8:45 AM		6:30 AM			10:00 AM	8:30 AM					6:15 AM	7:30 AM
Volume	1	52	5		3			1	1					2	55
PM Peak	12:45 PM	5:15 PM	7:15 PM	12:30 PM	3:15 PM			5:30 PM						4:30 PM	5:15 PM
Volume	1	60	6	1	4			1						4	63
<i>Comments:</i>															

LOCATION: Silver Glen Rd btw Carron & Burlington													QC JOB #: 13357401		
SPECIFIC LOCATION: 0 ft from													DIRECTION: EB/WB		
CITY/STATE: Campton Hills, IL													DATE: Apr 14 2015 - Apr 14 2015		
Start Time	Motor-cycles	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi	Not Classified	Total
Grand Total	10	2026	102	1	32	0	0	3	1	0	0	0	0	39	2214
Percent	0.5%	91.5%	4.6%	0.0%	1.4%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	
ADT 2214															
<i>Comments:</i>															



LOCATION: Silver Glen Rd btw Carron & Burlington SPECIFIC LOCATION: 0 ft from CITY/STATE: Campton Hills, IL															QC JOB #: 13357401 DIRECTION: EB/WB DATE: Apr 14 2015		
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
12:00 AM	0	0	0	0	1	2	1	0	1	0	0	0	0	0	5	36-45	3
12:15 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	36-45	1
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
1:00 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	36-45	1
1:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	41-50	1
1:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	31-40	1
1:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	31-40	1
2:00 AM	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	31-40	2
2:15 AM	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	36-45	2
2:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	31-40	1
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	26-35	1
3:15 AM	0	0	0	0	1	1	0	1	0	0	0	0	0	0	3	31-40	2
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:45 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	31-40	1
4:00 AM	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	36-45	2
4:15 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	21-30	1
4:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	41-50	1
4:45 AM	0	0	1	0	0	3	6	0	0	0	0	0	0	0	10	37-46	8
5:00 AM	0	0	0	0	0	4	2	1	0	0	0	0	0	0	7	36-45	6
5:15 AM	0	0	0	0	1	1	4	4	0	0	0	0	0	0	10	41-50	8
5:30 AM	0	0	0	1	2	5	9	3	0	0	0	0	0	0	20	36-45	14
5:45 AM	0	0	0	0	0	3	9	1	2	0	0	0	0	0	15	36-45	12
Day Total																	
Percent																	
AM Peak																	
Volume																	
PM Peak																	
Volume																	
Comments:																	

LOCATION: Silver Glen Rd btw Carron & Burlington SPECIFIC LOCATION: 0 ft from CITY/STATE: Campton Hills, IL															QC JOB #: 13357401 DIRECTION: EB/WB DATE: Apr 14 2015		
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
6:00 AM	0	0	0	2	3	13	7	3	1	0	0	0	0	0	29	36-45	19
6:15 AM	2	0	0	0	2	8	13	3	2	0	0	0	0	0	30	36-45	21
6:30 AM	0	0	0	1	2	11	18	3	1	0	0	0	0	0	36	36-45	29
6:45 AM	1	0	0	0	0	12	13	10	0	0	0	0	0	0	36	36-45	25
7:00 AM	0	0	0	0	0	21	11	8	0	0	0	0	0	0	40	36-45	32
7:15 AM	0	0	0	0	2	14	23	5	0	0	0	0	0	0	44	36-45	37
7:30 AM	0	0	0	1	6	16	21	10	1	0	0	0	0	0	55	36-45	37
7:45 AM	0	0	1	0	3	10	14	4	0	0	0	0	0	0	32	36-45	23
8:00 AM	1	0	0	0	2	19	7	6	1	0	0	0	0	0	36	36-45	25
8:15 AM	1	0	0	0	1	9	11	6	0	0	0	0	0	0	28	36-45	20
8:30 AM	0	0	0	0	3	13	14	2	0	1	0	0	0	0	33	36-45	26
8:45 AM	1	0	0	1	2	16	9	5	0	0	0	0	0	0	34	36-45	24
9:00 AM	1	0	0	1	1	7	8	3	0	0	0	0	0	0	21	36-45	15
9:15 AM	0	0	0	0	1	10	7	4	1	0	0	0	0	0	23	36-45	16
9:30 AM	0	0	0	0	0	8	9	3	1	0	0	0	0	0	21	36-45	17
9:45 AM	1	0	0	0	3	7	9	1	0	0	0	0	0	0	21	36-45	16
10:00 AM	0	0	0	3	4	13	12	1	0	0	0	0	0	0	33	36-45	24
10:15 AM	0	0	0	0	3	10	9	1	0	0	0	0	0	0	23	36-45	19
10:30 AM	0	0	0	0	3	8	10	4	1	0	0	0	0	0	26	36-45	18
10:45 AM	0	0	0	0	1	6	14	2	0	0	0	0	0	0	23	36-45	20
11:00 AM	1	0	0	0	0	11	7	5	0	0	0	0	0	0	24	36-45	17
11:15 AM	0	0	0	0	2	8	11	2	1	0	0	0	0	0	24	36-45	19
11:30 AM	1	0	0	0	0	4	12	2	0	1	0	0	0	0	20	36-45	16
11:45 AM	1	0	0	0	3	8	11	2	1	0	0	0	0	0	26	36-45	19
Day Total																	
Percent																	
AM Peak Volume																	
PM Peak Volume																	
Comments:																	

LOCATION: Silver Glen Rd btw Carron & Burlington SPECIFIC LOCATION: 0 ft from CITY/STATE: Campton Hills, IL															QC JOB #: 13357401 DIRECTION: EB/WB DATE: Apr 14 2015		
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
12:00 PM	0	0	0	0	2	19	6	2	0	0	0	0	0	0	29	36-45	25
12:15 PM	1	0	0	0	5	11	8	1	0	0	0	0	0	0	26	36-45	19
12:30 PM	1	0	0	1	1	7	11	2	0	0	0	0	0	0	23	36-45	18
12:45 PM	2	0	0	0	3	9	10	2	0	0	0	0	0	0	26	36-45	19
1:00 PM	0	0	0	0	3	10	9	3	1	0	0	0	0	0	26	36-45	19
1:15 PM	0	0	0	1	0	7	12	5	0	0	0	0	0	0	25	38-47	18
1:30 PM	2	0	0	2	2	12	12	1	1	0	0	0	0	0	32	36-45	23
1:45 PM	2	0	0	0	0	14	6	1	2	0	0	0	0	0	25	36-45	20
2:00 PM	1	0	0	0	2	11	8	0	0	0	0	0	0	0	22	36-45	19
2:15 PM	2	0	0	1	3	9	11	1	0	0	0	0	0	0	27	36-45	20
2:30 PM	2	0	0	1	3	12	10	2	0	0	0	0	0	0	30	36-45	22
2:45 PM	2	0	0	0	2	16	13	3	0	0	0	0	0	0	36	36-45	29
3:00 PM	0	0	0	1	3	11	20	4	1	0	0	0	0	0	40	36-45	31
3:15 PM	1	0	1	0	5	22	12	1	1	0	0	0	0	0	43	36-45	34
3:30 PM	0	0	0	0	3	15	15	4	0	0	0	0	0	0	37	36-45	30
3:45 PM	0	0	0	1	2	15	21	9	1	0	0	0	0	0	49	36-45	36
4:00 PM	1	0	0	0	6	23	16	4	0	0	0	0	0	0	50	36-45	39
4:15 PM	1	0	0	2	2	26	11	1	0	0	0	0	0	0	43	36-45	37
4:30 PM	4	0	0	1	5	25	16	3	0	0	0	0	0	0	54	36-45	41
4:45 PM	1	0	0	2	4	28	11	3	1	0	0	0	0	0	50	36-45	39
5:00 PM	0	0	0	0	3	19	20	8	1	0	0	0	0	0	51	36-45	39
5:15 PM	0	0	0	0	4	19	30	10	0	0	0	0	0	0	63	36-45	49
5:30 PM	1	0	0	1	3	20	15	4	1	0	0	0	0	0	45	36-45	35
5:45 PM	0	0	0	0	6	24	17	5	0	0	0	0	0	0	52	36-45	41
Day Total																	
Percent																	
AM Peak Volume																	
PM Peak Volume																	
Comments:																	

LOCATION: Silver Glen Rd btw Carron & Burlington SPECIFIC LOCATION: 0 ft from CITY/STATE: Campton Hills, IL															QC JOB #: 13357401 DIRECTION: EB/WB DATE: Apr 14 2015					
Start Time	15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace			
6:00 PM	1	0	0	0	6	17	15	4	0	0	0	0	0	0	43	36-45	32			
6:15 PM	0	0	0	0	6	15	21	4	0	0	0	0	0	0	46	36-45	36			
6:30 PM	0	0	0	0	2	23	15	3	2	0	0	0	0	0	45	36-45	38			
6:45 PM	2	0	1	1	1	12	17	5	0	0	0	0	0	0	39	36-45	28			
7:00 PM	1	0	0	0	0	18	21	4	0	0	0	0	0	0	44	36-45	39			
7:15 PM	0	0	0	0	3	14	11	1	1	0	0	0	0	0	30	36-45	25			
7:30 PM	0	0	0	0	7	24	9	4	0	0	0	0	0	0	44	36-45	32			
7:45 PM	0	0	0	1	1	15	8	2	0	0	0	0	0	0	27	36-45	23			
8:00 PM	0	0	0	1	9	10	7	5	0	0	0	0	0	0	32	31-40	19			
8:15 PM	1	0	0	0	1	5	8	2	0	0	0	0	0	0	17	36-45	13			
8:30 PM	0	0	0	0	3	8	3	1	0	0	0	0	0	0	15	36-45	11			
8:45 PM	0	0	0	0	3	11	6	0	0	0	0	0	0	0	20	36-45	17			
9:00 PM	1	0	0	0	0	8	7	1	0	0	0	0	0	0	17	36-45	14			
9:15 PM	0	1	0	1	1	3	2	0	1	0	0	0	0	0	9	36-45	5			
9:30 PM	0	0	0	0	1	7	3	0	0	0	0	0	0	0	11	36-45	10			
9:45 PM	1	0	0	0	2	5	4	1	0	0	0	0	0	0	13	36-45	9			
10:00 PM	0	0	0	0	2	5	6	2	0	0	0	0	0	0	15	37-46	10			
10:15 PM	0	0	0	0	2	6	2	1	0	0	0	0	0	0	11	31-40	8			
10:30 PM	0	0	0	0	2	2	1	3	0	0	0	0	0	0	8	31-40	4			
10:45 PM	1	0	0	0	0	4	2	1	0	0	0	0	0	0	8	36-45	6			
11:00 PM	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	36-45	2			
11:15 PM	0	0	0	0	1	1	0	1	0	0	0	0	0	0	3	31-40	2			
11:30 PM	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	31-40	2			
11:45 PM	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3	41-50	3			
Day Total	43	1	4	29	180	887	807	233	28	2	0	0	0	0	2214	36-45	1694			
Percent	1.9%	0.0%	0.2%	1.3%	8.1%	40.1%	36.4%	10.5%	1.3%	0.1%	0.0%	0.0%	0.0%	0.0%						
ADT 2214																				
AM Peak Volume	6:15 AM	4:45 AM		10:00 AM	7:30 AM	7:00 AM	7:15 AM	6:45 AM	5:45 AM	8:30 AM						7:30 AM				
	2	1		3	6	21	23	10	2	1						55				
PM Peak Volume	4:30 PM	9:15 PM	3:15 PM	1:30 PM	8:00 PM	4:45 PM	5:15 PM	5:15 PM	1:45 PM									5:15 PM		
	4	1	1	2	9	28	30	10	2									63		
<i>Comments:</i>																				

LOCATION: Silver Glen Rd btw Carron & Burlington														QC JOB #: 13357401			
SPECIFIC LOCATION: 0 ft from														DIRECTION: EB/WB			
CITY/STATE: Campton Hills, IL														DATE: Apr 14 2015 - Apr 14 2015			
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
Grand Total	43	1	4	29	180	887	807	233	28	2	0	0	0	0	2214	36-45	1694
Percent	1.9%	0.0%	0.2%	1.3%	8.1%	40.1%	36.4%	10.5%	1.3%	0.1%	0.0%	0.0%	0.0%	0.0%			
Cumulative Percent	1.9%	2.0%	2.2%	3.5%	11.6%	51.7%	88.1%	98.6%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%			
ADT 2214															85th Percentile 44 MPH Mean Speed(Average): 39 MPH		
Comments:															Median 39 MPH Mode: 38 MPH		



Timberline Knolls Traffic Count Data

