December 3, 2024

Mr. Michael Vroman, PE
Senior Traffic Engineer
Town of Los Gatos
41 Miles Avenue
Los Gatos, CA 95030

Hillbrook School 2023-2024 School Year, Fall Trimester Monitoring

Dear Mr. Vroman;

As requested, W-Trans has prepared a summary of the Fall Trimester traffic monitoring of Hillbrook School in Los Gatos for the 2023-2024 school year. The purpose of this letter is to summarize the 2023 Fall Trimester daily vehicle trips and to note any discrepancies in the data collection. Based on the collected data, Hillbrook School has not exceeded the maximum number of daily trips during the Fall Trimester.

Existing Conditions

The Hillbrook School is located at 300 Marchmont Drive in the Town of Los Gatos. According to Condition 17 of the school's Conditional Use Permit, "the maximum number of daily vehicle trips shall not exceed 880." The school can identify up to ten exception days where they are permitted to exceed the maximum number of daily trips, however, the total number of trips on these exception days shall not exceed 960. The school maintains two Sensys magnetometer traffic counters embedded in the pavement of the exit lane outside the school's gate, approximately thirty feet apart. These magnetometers are calibrated to detect the presence of vehicles and motorcycles, but not bicycles or other non-motorized means of transportation.

Hillbrook School and Sensys staff continuously monitor the functionality of the system. The magnetometers are self-calibrating, self-tuning, and are upgraded remotely as new software is released. The sensors are to be calibrated and validated each trimester. Sensys staff have previously conducted an independent validation of the count system and concluded the daily counts show between 97% and 99.75% accuracy. Hillbrook School has implemented traffic control measures to improve the flow of vehicles over the sensors in order to maintain data accuracy, such as lane delineators along Marchmont Drive.

Hillbrook School has only one vehicular access point, and because of this it is assumed that all exit trips also made an entrance trip through this location. For reporting purposes, the maximum of either Exit A or Exit B is used to determine the number of daily trips. It is noted that the normal daily vehicle trips from the houses located adjacent to Hillbrook School on Marchmont Drive have the potential to also be detected by the Sensys counters. The trips have the potential to be detected by one or both sensors, and thus could possibly increase in the number of days where the difference between sensors is larger than five percent.

The Conditional Use Permit also outlines the requirements of manual data collection in Condition 19 and "the school shall be considered out of compliance if any mechanical readings exceed the Sensys counts by more than five percent and where the readings are above the maximum number of daily vehicle trips."

A permanent backup pneumatic tube counter, a MetroCount MC56000 Vehicle Classifier System, is located in both the entrance and exit lanes just outside of the school's gate. Pneumatic tube systems utilize rubber tubes placed across traffic lanes in specific configurations. When a vehicle travels over the tube the air pressure in the tube is compressed and this compression triggers an event recording. The system is

programed to classify vehicles based on the distance between the front and rear axle. The school's MetroCount system counts the total number of trips, both entrance and exit trips. While the Sensys system can be accessed remotely online, the MetroCount system is local to the school's network. The school has agreed to, and continues to, actively provide W-Trans with backup data directly from the MetroCount system when necessary.

24-hour Manual Counts and Observations

For the 2023 Fall Trimester, traffic counts were obtained on Marchmont Drive on December 12, 14, and 20, 2023. These dates were selected to cover a variety of on-campus activities. Wednesday, December 20 was an exception day as a "Middle School Winter Concert" event was scheduled on this day. The 24-hour Video and Sensys traffic counts for the selected dates are enclosed.

The traffic counts based on video taken by W-Trans represent the total sum of entrance and exit trips for 24-hours, broken down into 15-minute intervals. The Sensys counts represent the exit trips for the same 24-hour period. In order to convert exit trips to both entrance and exit trips, the maximum count from either Exit A or Exit B was determined and then doubled (assuming one trip in is equivalent to one trip out). The raw Sensys data and video counts are enclosed. The manual counts were then compared to the Sensys data for the same time period in Table 1.

Table 1 – Summary of 24-Hour Counts for Fall Trimester 2023					
Date	**Day of the Week**	**Counts (# of Vehicles)**		**Summary of Counts**	
		Video	**Sensys**	**Percent Difference**	**Difference in Trips**
12/12/23	Tuesday	811	828	2.07%	17
12/14/23	Thursday	798	840	5.13%	42
12/20/23	Wednesday	797	830	4.06%	33
Average		**802**	**833**	**3.75%**	**31**

Note: Red Text = value exceeds conditional use permit threshold

The manually counted video counts were reviewed to ensure accuracy. The Sensys counts were higher than the video counts on all three count collection days, resulting in an average percent difference of 3.75 percent. None of the data points exceeded the Conditional Use Permit daily trip cap of 880 daily trips for normal school days or 960 daily trips for an exception day, and the average difference between the Sensys counts and the video counts was less than five percent.

Seven-Day Tube Counts

Hillbrook School was out of compliance with the Conditional Use Permit during the 2022 Fall Trimester. Because of this, additional week-long tube counts were obtained during the 2023 Fall Trimester. These counts were collected between Friday, December 8 and Thursday, December 14. Table 2 provides a comparison of the tube counts and the Sensys data for the same time period.

Table 2 – Summary of Seven-Day Tube Counts for Fall Trimester 2023

Date	Day of the Week	Counts (# of Vehicles)		Summary of Counts	
		Tube	Sensys	Percent Difference	Difference in Trips
12/8/23	Friday	790	808	2.25%	18
12/9/23	Saturday	16	50	103.03%	34
12/10/23	Sunday	13	0	200%	13
12/11/23	Monday	847	802	5.46%	45
12/12/23	Tuesday	827	828	0.12%	1
12/13/23	Wednesday	832	852	2.38%	20
12/14/23	Thursday	794	840	5.63%	46
Average		**588**	**597**	**45.55%**	**25**
School Day Average		**818**	**826**	**3.17%**	**26**

Note: Red Text = value exceeds conditional use permit threshold

The Sensys counts were higher than the tube counts on five of the seven collection days, resulting in an average percent difference of 3.17 percent on school days. The large percentage differences between the weekend tube counts and Sensys counts were due to overall low volumes. As the difference in trips between the tube and Sensys counts are not significantly higher than the average, it is unlikely that either system had major errors. With lower volumes, higher variances among the different types of counts are more likely to occur. Also, a representative from Sensys confirmed that their system is designed to continuously auto-calibrate and that the diagnostics platform regularly monitors the health and functionality of all components. Based on this, Sensys considers these ongoing processes to satisfy the audit requirement.

None of the data points exceeded the Conditional Use Permit daily trip cap of 880 daily trips for normal school days or 960 daily trips for an exception day. The average difference between the Sensys counts and the tube counts for school days was also less than the five percent limit set in the Conditional Use Permit.

2023 Fall Trimester Summary

- During the 2023 Fall Trimester, Hillbrook School did not exceed the maximum number of 880 daily trips. Enclosed, in Table 3, is the daily summary of Sensys counts for the 2023 Fall Trimester. There were three traffic exception days during the 2023 Fall Trimester. The number of daily trips did not exceed the maximum number of daily trips (960) for an exception day or the maximum number of daily trips (880) for a regular school day.

- The highest number of daily vehicle trips was 852 trips and occurred on Wednesday December 13, 2023.

- The average number of school day vehicle trips for the 2023 Fall Trimester was approximately 766 trips, which is fewer trips than the daily maximum of 880 trips allowed by the Conditional Use Permit.

- Excluding weekends and school holidays, there were no instances where the difference between Sensor A and Sensor B was greater than five percent. The average difference between the Sensor A and Sensor B counts was 5 vehicles.

- The cumulative percent difference between Sensor A and Sensor B for the 2023 Fall Trimester was 0.74 percent, which is less than the threshold of five percent outlined in the Conditional Use Permit.

- The largest daily difference between Sensor A and Sensor B was 14 vehicles on September 25, 2023. In August 2023, the average daily difference between Sensor A and Sensor B was one vehicle. The difference was approximately six vehicles in September 2023, five vehicles in October 2023, four vehicles in November 2023, and five vehicles in December 2023.

Conclusions

Overall, Hillbrook School was in compliance with Condition 17 of the school's Conditional Use Permit for the school year 2023-2024 Fall Trimester; the average number of school day vehicle trips was approximately 766 trips. The average difference in traffic counts between the two Sensys Sensors was less than the five percent threshold in the Conditional Use Permit, and the cumulative percent difference for the Fall Trimester was 0.74%. Further, the Sensys counts were within the five percent threshold on average when compared to count data collected via video and tubes.

The next scheduled monitoring report will be the 2024 Spring Trimester Manual Counts, which is anticipated to be completed in June 2024 prior to the conclusion of Hillbrook School's Spring Trimester. We will continue to provide monthly downloads of Sensys data during the first week of each month.

Thank you for giving W-Trans the opportunity to provide these services. Please call if you have any questions.

Sincerely,

Mark Spencer, PE (Traffic)
Senior Principal

MES/ngb/vh/LGA900-3.L1-4

Enclosures: Fall Trimester Count Summary, 24-Hour Traffic Counts, Seven-Day Tube Counts

Table 3 – Daily Sensys Count Summary – 2023 Fall Trimester

Date	Day of the Week	Sensys Counts (# of Vehicles)		Summary of Sensys Counts		Notes
		Exit A	Exit B	Percent Difference	Daily Trips	
08/31/23	Thursday	396	395	0.3%	792	First Day of School
09/01/23	Friday	368	376	2.2%	752	
09/02/23	Saturday	11	11	0.0%	22	
09/03/23	Sunday	13	15	14.3%	30	
09/04/23	Monday	9	8	11.8%	18	Labor Day (No School)
09/05/23	Tuesday	379	375	1.1%	758	
09/06/23	Wednesday	359	353	1.7%	718	
09/07/23	Thursday	377	376	0.3%	754	
09/08/23	Friday	413	415	0.5%	830	Family Fun Night
09/09/23	Saturday	24	21	13.3%	48	
09/10/23	Sunday	5	6	18.2%	12	
09/11/23	Monday	360	364	1.1%	728	
09/12/23	Tuesday	362	375	3.5%	750	
09/13/23	Wednesday	354	351	0.9%	708	
09/14/23	Thursday	411	418	1.7%	836	Back to School Night
09/15/23	Friday	374	374	0.0%	748	
09/16/23	Saturday	15	16	6.5%	32	
09/17/23	Sunday	8	7	13.3%	16	
09/18/23	Monday	362	371	2.5%	742	
09/19/23	Tuesday	404	401	0.7%	808	
09/20/23	Wednesday	373	372	0.3%	746	
09/21/23	Thursday	426	418	1.9%	852	
09/23/23	Friday	400	397	0.8%	800	
09/23/23	Saturday	10	10	0.0%	20	
09/24/23	Sunday	14	13	7.4%	28	
09/25/23	Monday	394	408	3.5%	816	
09/26/23	Tuesday	375	378	0.8%	756	
09/27/23	Wednesday	344	355	3.1%	710	
09/28/23	Thursday	339	341	0.6%	682	
09/29/23	Friday	346	349	0.9%	698	
09/30/23	Saturday	14	15	6.9%	30	
10/01/23	Sunday	11	11	0.0%	22	

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Date	**Day of the Week**	**Sensys Counts (# of Vehicles)**		**Summary of Sensys Counts**		**Notes**
		Exit A	**Exit B**	**Percent Difference**	**Daily Trips**	
10/02/23	Monday	373	378	1.3%	756	
10/03/23	Tuesday	364	367	0.8%	713	
10/04/23	Wednesday	346	352	1.7%	704	
10/05/23	Thursday	403	403	0.0%	806	
10/06/23	Friday	390	395	1.3%	790	
10/07/23	Saturday	47	50	6.2%	100	
10/08/23	Sunday	3	3	0.0%	6	
10/09/23	Monday	44	38	14.6%	88	Fall Break No School
10/10/23	Tuesday	401	403	0.5%	806	
10/11/23	Wednesday	352	354	0.6%	708	
10/12/23	Thursday	365	362	0.8%	730	
10/13/23	Friday	361	359	0.6%	722	
10/14/23	Saturday	11	12	8.7%	24	
10/15/23	Sunday	13	12	8.0%	26	
10/16/23	Monday	385	390	1.3%	780	
10/17/23	Tuesday	385	392	1.8%	784	
10/18/23	Wednesday	382	388	1.6%	776	
10/19/23	Thursday	359	369	2.7%	738	
10/20/23	Friday	380	380	0.0%	760	
10/21/23	Saturday	14	12	15.4%	28	
10/23/23	Sunday	8	5	46.2%	16	
10/23/23	Monday	400	408	2.0%	816	
10/24/23	Tuesday	405	403	0.5%	810	
10/25/23	Wednesday	379	387	2.1%	774	
10/26/23	Thursday	425	426	0.2%	852	
10/27/23	Friday	367	374	1.9%	748	
10/28/23	Saturday	21	24	13.3%	48	
10/29/23	Sunday	16	16	0.0%	32	
10/30/23	Monday	334	334	0.0%	668	
10/31/23	Tuesday	263	269	2.3%	538	
11/01/23	Wednesday	373	381	2.1%	762	
11/02/23	Thursday	405	416	2.7%	832	
11/03/23	Friday	375	380	1.3%	760	
11/04/23	Saturday	30	32	6.5%	64	
11/05/23	Sunday	12	12	0.0%	24	

Table 3 – Daily Sensys Count Summary – 2023 Fall Trimester					
Date	**Day of the Week**	**Sensys Counts (# of Vehicles)**		**Summary of Sensys Counts**		**Notes**
		Exit A	**Exit B**	**Percent Difference**	**Daily Trips**	
11/06/23	Monday	398	400	0.5%	800	
11/07/23	Tuesday	402	407	1.2%	814	
11/08/23	Wednesday	381	381	0.0%	762	
11/09/23	Thursday	389	396	1.8%	792	
11/10/23	Friday	404	404	0.0%	808	
11/11/23	Saturday	18	15	18.2%	36	
11/12/23	Sunday	16	16	0.0%	32	
11/13/23	Monday	395	397	0.5%	794	
11/14/23	Tuesday	397	398	0.3%	794	
11/15/23	Wednesday	392	387	1.3%	784	
11/16/23	Thursday	415	414	0.2%	830	
11/17/23	Friday	398	405	1.7%	810	
11/18/23	Saturday	23	20	14.0%	46	
11/19/23	Sunday	16	16	0.0%	32	
11/20/23	Monday	26	27	3.8%	54	Thanksgiving Week (No School)
11/21/23	Tuesday	15	16	6.5%	32	Thanksgiving Week (No School)
11/23/23	Wednesday	13	12	8.0%	26	Thanksgiving Week (No School)
11/23/23	Thursday	4	4	0.0%	8	Thanksgiving Week (No School)
11/24/23	Friday	8	8	0.0%	16	Thanksgiving Week (No School)
11/25/23	Saturday	10	8	22.2%	20	
11/26/23	Sunday	13	12	8.0%	26	
11/27/23	Monday	383	387	1.0%	774	
11/28/23	Tuesday	376	377	0.3%	754	
11/29/23	Wednesday	363	363	0.0%	726	
11/30/23	Thursday	407	403	1.0%	814	
12/01/23	Friday	286	290	1.4%	580	
12/02/23	Saturday	0	0	0.0%	0	
12/03/23	Sunday	0	0	0.0%	0	
12/04/23	Monday	239	237	0.8%	478	
12/05/23	Tuesday	392	404	3.0%	808	
12/06/23	Wednesday	358	366	2.2%	732	
12/07/23	Thursday	383	385	0.5%	770	
12/08/23	Friday	404	404	0.0%	808	
12/09/23	Saturday	25	24	4.1%	50	
12/10/23	Sunday	0	0	0.0%	0	

Hillbrook School Driveway In and Out
Tuesday, December 12, 2023
IDAX Data Solutions

Lights			Heavies		
Time	In	Out	Time	In	Out
0:00	0	0	0:00	0	0
0:15	0	0	0:15	0	0
0:30	0	0	0:30	0	0
0:45	0	0	0:45	0	0
1:00	0	0	1:00	0	0
1:15	0	0	1:15	0	0
1:30	0	0	1:30	0	0
1:45	0	0	1:45	0	0
2:00	0	0	2:00	0	0
2:15	0	0	2:15	0	0
2:30	0	0	2:30	0	0
2:45	0	0	2:45	0	0
3:00	0	0	3:00	0	0
3:15	0	0	3:15	0	0
3:30	0	0	3:30	0	0
3:45	0	0	3:45	0	0
4:00	0	0	4:00	0	0
4:15	0	0	4:15	0	0
4:30	0	0	4:30	0	0
4:45	0	0	4:45	0	0
5:00	1	0	5:00	0	0
5:15	1	0	5:15	0	0
5:30	0	0	5:30	0	0
5:45	0	0	5:45	0	0
6:00	0	0	6:00	0	0
6:15	3	0	6:15	0	0
6:30	1	0	6:30	0	0
6:45	4	0	6:45	0	0
7:00	4	0	7:00	0	0
7:15	13	0	7:15	1	1
7:30	30	9	7:30	0	0
7:45	91	67	7:45	4	2
8:00	40	42	8:00	0	2
8:15	10	18	8:15	0	0
8:30	5	3	8:30	0	0
8:45	8	1	8:45	0	0
9:00	2	3	9:00	0	0
9:15	4	4	9:15	0	0
9:30	4	5	9:30	0	0
9:45	3	1	9:45	0	0
10:00	0	4	10:00	0	0
10:15	4	3	10:15	0	0
10:30	3	1	10:30	0	0
10:45	3	0	10:45	0	0
11:00	2	1	11:00	1	1
11:15	0	1	11:15	0	0

11:30	4	5		11:30	0	1
11:45	3	2		11:45	1	1
12:00	2	2		12:00	0	0
12:15	2	5		12:15	0	0
12:30	0	0		12:30	0	0
12:45	1	0		12:45	0	0
13:00	3	1		13:00	1	0
13:15	2	1		13:15	0	1
13:30	1	4		13:30	0	0
13:45	0	1		13:45	0	0
14:00	3	3		14:00	0	0
14:15	6	6		14:15	3	0
14:30	17	4		14:30	0	0
14:45	36	6		14:45	0	0
15:00	16	52		15:00	0	3
15:15	12	21		15:15	0	0
15:30	13	19		15:30	0	0
15:45	11	24		15:45	1	0
16:00	5	14		16:00	1	2
16:15	9	16		16:15	0	0
16:30	2	16		16:30	1	1
16:45	2	4		16:45	1	1
17:00	1	4		17:00	1	1
17:15	1	1		17:15	0	0
17:30	1	8		17:30	0	0
17:45	0	2		17:45	0	0
18:00	0	0		18:00	0	0
18:15	0	0		18:15	0	0
18:30	0	0		18:30	0	0
18:45	0	0		18:45	0	0
19:00	0	0		19:00	0	0
19:15	0	0		19:15	0	0
19:30	0	1		19:30	0	0
19:45	0	0		19:45	0	0
20:00	0	0		20:00	0	0
20:15	0	0		20:15	0	0
20:30	1	0		20:30	0	0
20:45	0	1		20:45	0	0
21:00	0	0		21:00	0	0
21:15	0	0		21:15	0	0
21:30	0	0		21:30	0	0
21:45	0	0		21:45	0	0
22:00	0	0		22:00	0	0
22:15	0	0		22:15	0	0
22:30	0	0		22:30	0	0
22:45	0	2		22:45	0	0
23:00	0	0		23:00	0	0
23:15	0	0		23:15	0	0
23:30	0	0		23:30	0	0
23:45	0	0		23:45	0	0
Total	390	388		Total	16	17

Results for Sensor Zone 'ExitA' in AP: 'APEG 9545'
Start Date: 12/12/2023 00:00 PST
End Date: 12/13/2023 00:00 PST
Reporting interval: 15 minutes, Speed Average: Averaged by car

Time (Beginning of Interval)	Occup (%)	Volume	Median Speed (mph)	Avg Speed (mph)	Avg Gap (sec)	Avg Headway (sec)	Avg Length (ft)
12/12/2023 00:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 00:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 00:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 00:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 01:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 01:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 01:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 01:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 02:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 02:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 02:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 02:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 03:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 03:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 03:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 03:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 04:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 04:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 04:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 04:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 05:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 05:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 05:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 05:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 06:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 06:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 06:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 06:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 07:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 07:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 07:30:00	0.67	7	n/a	n/a	135.49	136.21	n/a
12/12/2023 07:45:00	11.04	72	n/a	n/a	11.30	12.68	n/a
12/12/2023 08:00:00	6.09	46	n/a	n/a	17.42	18.61	n/a
12/12/2023 08:15:00	1.31	18	n/a	n/a	37.24	37.94	n/a
12/12/2023 08:30:00	0.36	3	n/a	n/a	383.55	384.46	n/a
12/12/2023 08:45:00	0.04	1	n/a	n/a	250.19	251.20	n/a
12/12/2023 09:00:00	0.30	3	n/a	n/a	435.14	435.85	n/a
12/12/2023 09:15:00	0.48	4	n/a	n/a	259.31	260.35	n/a
12/12/2023 09:30:00	0.58	3	n/a	n/a	311.20	312.60	n/a
12/12/2023 09:45:00	0.23	2	n/a	n/a	420.20	421.51	n/a
12/12/2023 10:00:00	0.54	5	n/a	n/a	163.78	164.81	n/a
12/12/2023 10:15:00	0.45	3	n/a	n/a	200.84	202.13	n/a
12/12/2023 10:30:00	0	0	n/a	n/a	n/a	n/a	n/a

12/12/2023 10:45:00	0.08	1 n/a	n/a	1,412.81	1,414.18	n/a
12/12/2023 11:00:00	0.90	3 n/a	n/a	470.15	471.50	n/a
12/12/2023 11:15:00	0.13	1 n/a	n/a	1,052.18	1,056.98	n/a
12/12/2023 11:30:00	1.22	8 n/a	n/a	99.33	100.76	n/a
12/12/2023 11:45:00	0.78	4 n/a	n/a	300.37	302.10	n/a
12/12/2023 12:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 12:15:00	0.74	7 n/a	n/a	197.85	198.78	n/a
12/12/2023 12:30:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 12:45:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 13:00:00	0.10	1 n/a	n/a	2,799.23	2,800.23	n/a
12/12/2023 13:15:00	0.16	3 n/a	n/a	358.18	358.76	n/a
12/12/2023 13:30:00	0.43	4 n/a	n/a	249.18	249.93	n/a
12/12/2023 13:45:00	0.04	1 n/a	n/a	280.30	281.84	n/a
12/12/2023 14:00:00	0.34	3 n/a	n/a	457.46	458.33	n/a
12/12/2023 14:15:00	0.74	6 n/a	n/a	131.30	132.29	n/a
12/12/2023 14:30:00	0.72	4 n/a	n/a	260.28	261.93	n/a
12/12/2023 14:45:00	1.07	8 n/a	n/a	106.01	107.29	n/a
12/12/2023 15:00:00	8.05	56 n/a	n/a	16.86	18.12	n/a
12/12/2023 15:15:00	2.48	21 n/a	n/a	44.42	45.56	n/a
12/12/2023 15:30:00	1.89	17 n/a	n/a	51.96	53	n/a
12/12/2023 15:45:00	2.73	24 n/a	n/a	36.41	37.43	n/a
12/12/2023 16:00:00	1.48	13 n/a	n/a	66.01	67	n/a
12/12/2023 16:15:00	2	15 n/a	n/a	58.89	60.02	n/a
12/12/2023 16:30:00	2.50	14 n/a	n/a	60.81	62.47	n/a
12/12/2023 16:45:00	0.48	6 n/a	n/a	144.90	145.69	n/a
12/12/2023 17:00:00	0.42	4 n/a	n/a	183.21	184.13	n/a
12/12/2023 17:15:00	1.79	4 n/a	n/a	239.23	241.88	n/a
12/12/2023 17:30:00	0.55	5 n/a	n/a	169.43	171.61	n/a
12/12/2023 17:45:00	0.64	5 n/a	n/a	76.90	77.98	n/a
12/12/2023 18:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 18:15:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 18:30:00	0.29	1 n/a	n/a	2,581.90	2,582.76	n/a
12/12/2023 18:45:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 19:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 19:15:00	0.34	1 n/a	n/a	2,696.42	2,699.04	n/a
12/12/2023 19:30:00	0.07	1 n/a	n/a	1,092.36	1,095.43	n/a
12/12/2023 19:45:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 20:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 20:15:00	0.80	1 n/a	n/a	3,249.46	3,250.13	n/a
12/12/2023 20:30:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 20:45:00	0.13	1 n/a	n/a	1,197.73	1,204.97	n/a
12/12/2023 21:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 21:15:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 21:30:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 21:45:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 22:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 22:15:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 22:30:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 22:45:00	1.81	4 n/a	n/a	1,915.52	1,919.58	n/a
12/12/2023 23:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/12/2023 23:15:00	0	0 n/a	n/a	n/a	n/a	n/a

12/12/2023 23:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/12/2023 23:45:00	0	0	n/a	n/a	n/a	n/a	n/a
Grand Total	**0.60**	**414**	**---**	**n/a**	**133.16**	**134.42**	**n/a**

Hillbrook School Driveway In and Out
Thursday, December 14, 2023
IDAX Data Solutions

	Lights				Heavies		
Time	In	Out		Time	In	Out	
0:00	0	0		0:00	0	0	
0:15	0	0		0:15	0	0	
0:30	0	0		0:30	0	0	
0:45	0	0		0:45	0	0	
1:00	0	0		1:00	0	0	
1:15	0	0		1:15	0	0	
1:30	0	0		1:30	0	0	
1:45	0	0		1:45	0	0	
2:00	0	0		2:00	0	0	
2:15	0	0		2:15	0	0	
2:30	0	0		2:30	0	0	
2:45	0	0		2:45	0	0	
3:00	0	0		3:00	0	0	
3:15	0	0		3:15	0	0	
3:30	0	0		3:30	0	0	
3:45	0	0		3:45	0	0	
4:00	0	0		4:00	0	0	
4:15	0	0		4:15	0	0	
4:30	0	0		4:30	0	0	
4:45	1	0		4:45	0	0	
5:00	0	0		5:00	0	0	
5:15	0	0		5:15	0	0	
5:30	0	0		5:30	0	0	
5:45	1	0		5:45	0	0	
6:00	2	0		6:00	1	1	
6:15	1	0		6:15	0	0	
6:30	3	0		6:30	0	0	
6:45	1	0		6:45	0	0	
7:00	8	0		7:00	0	0	
7:15	14	3		7:15	0	0	
7:30	35	6		7:30	0	0	
7:45	77	60		7:45	4	4	
8:00	37	43		8:00	0	1	
8:15	6	8		8:15	1	0	
8:30	6	4		8:30	1	1	
8:45	6	4		8:45	0	1	
9:00	3	1		9:00	0	0	
9:15	1	1		9:15	0	0	
9:30	3	5		9:30	0	0	
9:45	3	1		9:45	0	0	
10:00	0	1		10:00	0	0	
10:15	4	2		10:15	0	0	
10:30	0	0		10:30	0	0	
10:45	4	3		10:45	0	0	
11:00	2	4		11:00	0	0	
11:15	5	4		11:15	1	1	

Time			Time		
11:30	4	3	11:30	0	0
11:45	1	1	11:45	1	0
12:00	2	4	12:00	0	1
12:15	3	0	12:15	0	0
12:30	3	5	12:30	0	0
12:45	0	1	12:45	0	0
13:00	2	0	13:00	1	1
13:15	1	3	13:15	0	0
13:30	1	1	13:30	0	0
13:45	1	2	13:45	0	0
14:00	1	3	14:00	0	0
14:15	4	2	14:15	0	0
14:30	15	3	14:30	2	0
14:45	26	6	14:45	0	0
15:00	19	53	15:00	0	2
15:15	13	18	15:15	1	0
15:30	15	17	15:30	0	1
15:45	14	28	15:45	0	0
16:00	10	17	16:00	1	0
16:15	5	17	16:15	2	2
16:30	11	6	16:30	0	1
16:45	3	17	16:45	2	1
17:00	0	5	17:00	0	0
17:15	1	2	17:15	0	0
17:30	1	3	17:30	0	0
17:45	2	8	17:45	0	0
18:00	0	0	18:00	0	0
18:15	0	1	18:15	0	0
18:30	1	1	18:30	0	0
18:45	0	0	18:45	0	0
19:00	0	0	19:00	0	0
19:15	0	0	19:15	0	0
19:30	0	1	19:30	0	0
19:45	0	0	19:45	0	0
20:00	0	0	20:00	0	0
20:15	0	0	20:15	0	0
20:30	0	0	20:30	0	0
20:45	0	0	20:45	0	0
21:00	0	0	21:00	0	0
21:15	0	0	21:15	0	0
21:30	0	2	21:30	0	0
21:45	0	0	21:45	0	0
22:00	0	0	22:00	0	0
22:15	0	0	22:15	0	0
22:30	0	0	22:30	0	0
22:45	0	0	22:45	0	0
23:00	0	0	23:00	0	0
23:15	0	0	23:15	0	0
23:30	0	0	23:30	0	0
23:45	0	0	23:45	0	0
Total	382	380	Total	18	18

Results for Sensor Zone 'ExitB' in AP: 'APEG 9545'
Start Date: 12/14/2023 00:00 PST
End Date: 12/15/2023 00:00 PST
Reporting interval: 15 minutes, Speed Average: Averaged by car

Time (Beginning of Interval)	Occup (%)	Volume	Median Speed (mph)	Avg Speed (mph)	Avg Gap (sec)	Avg Headway (sec)	Avg Length (ft)
12/14/2023 00:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 00:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 00:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 00:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 01:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 01:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 01:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 01:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 02:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 02:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 02:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 02:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 03:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 03:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 03:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 03:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 04:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 04:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 04:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 04:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 05:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 05:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 05:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 05:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 06:00:00	0.33	1	n/a	n/a	n/a	n/a	n/a
12/14/2023 06:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 06:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 06:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 07:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 07:15:00	0.49	3	n/a	n/a	1,547.98	1,550.12	n/a
12/14/2023 07:30:00	0.99	6	n/a	n/a	179.88	181.37	n/a
12/14/2023 07:45:00	13.25	66	n/a	n/a	11.90	13.67	n/a
12/14/2023 08:00:00	5.99	46	n/a	n/a	18.21	19.43	n/a
12/14/2023 08:15:00	1.34	9	n/a	n/a	90.94	92.24	n/a
12/14/2023 08:30:00	0.67	5	n/a	n/a	183.49	184.69	n/a
12/14/2023 08:45:00	1.52	5	n/a	n/a	183.44	186.21	n/a
12/14/2023 09:00:00	0.09	1	n/a	n/a	666.55	667.59	n/a
12/14/2023 09:15:00	0.32	2	n/a	n/a	544.22	545.41	n/a
12/14/2023 09:30:00	0.71	6	n/a	n/a	144.75	145.91	n/a
12/14/2023 09:45:00	0.11	1	n/a	n/a	302.08	302.84	n/a
12/14/2023 10:00:00	0.28	3	n/a	n/a	415.76	416.59	n/a
12/14/2023 10:15:00	0.20	2	n/a	n/a	491.24	492.20	n/a
12/14/2023 10:30:00	0.09	1	n/a	n/a	391.51	392.30	n/a

12/14/2023 10:45:00	0.42	3 n/a	n/a	521.64	522.57 n/a	
12/14/2023 11:00:00	0.53	4 n/a	n/a	210.20	211.38 n/a	
12/14/2023 11:15:00	0.71	5 n/a	n/a	209.41	210.82 n/a	
12/14/2023 11:30:00	0.47	3 n/a	n/a	166.68	168.04 n/a	
12/14/2023 11:45:00	0.12	1 n/a	n/a	588.13	589.46 n/a	
12/14/2023 12:00:00	1.20	5 n/a	n/a	319.90	321.83 n/a	
12/14/2023 12:15:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 12:30:00	1.31	5 n/a	n/a	326.18	328.78 n/a	
12/14/2023 12:45:00	0.82	3 n/a	n/a	252.38	254.80 n/a	
12/14/2023 13:00:00	0.19	1 n/a	n/a	911.90	912.92 n/a	
12/14/2023 13:15:00	0.37	3 n/a	n/a	303.50	304.98 n/a	
12/14/2023 13:30:00	0.13	1 n/a	n/a	1,091.13	1,091.73 n/a	
12/14/2023 13:45:00	0.24	2 n/a	n/a	440.67	441.76 n/a	
12/14/2023 14:00:00	0.39	3 n/a	n/a	143.82	144.98 n/a	
12/14/2023 14:15:00	0.49	2 n/a	n/a	604.08	606.30 n/a	
12/14/2023 14:30:00	0.59	3 n/a	n/a	356.89	358.24 n/a	
12/14/2023 14:45:00	0.77	5 n/a	n/a	186.74	188.11 n/a	
12/14/2023 15:00:00	9.05	61 n/a	n/a	13.94	15.30 n/a	
12/14/2023 15:15:00	2.46	18 n/a	n/a	46.67	47.90 n/a	
12/14/2023 15:30:00	2.95	18 n/a	n/a	50.27	51.75 n/a	
12/14/2023 15:45:00	3.28	28 n/a	n/a	31	32.06 n/a	
12/14/2023 16:00:00	2.55	17 n/a	n/a	46.68	48.05 n/a	
12/14/2023 16:15:00	3.33	20 n/a	n/a	44.51	45.98 n/a	
12/14/2023 16:30:00	0.97	7 n/a	n/a	121.31	122.49 n/a	
12/14/2023 16:45:00	2.68	19 n/a	n/a	48.47	49.76 n/a	
12/14/2023 17:00:00	0.93	5 n/a	n/a	169.95	171.60 n/a	
12/14/2023 17:15:00	1.31	3 n/a	n/a	276.07	277.30 n/a	
12/14/2023 17:30:00	0.39	3 n/a	n/a	192.68	196.70 n/a	
12/14/2023 17:45:00	0.98	8 n/a	n/a	157.84	158.96 n/a	
12/14/2023 18:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 18:15:00	0.34	2 n/a	n/a	915.34	916.80 n/a	
12/14/2023 18:30:00	0.12	1 n/a	n/a	878.13	879.02 n/a	
12/14/2023 18:45:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 19:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 19:15:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 19:30:00	3.40	1 n/a	n/a	2,891.88	2,892.98 n/a	
12/14/2023 19:45:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 20:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 20:15:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 20:30:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 20:45:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 21:00:00	0.45	1 n/a	n/a	5,384.80	5,415.38 n/a	
12/14/2023 21:15:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 21:30:00	0.24	2 n/a	n/a	1,059.05	1,061.49 n/a	
12/14/2023 21:45:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 22:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 22:15:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 22:30:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 22:45:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 23:00:00	0	0 n/a	n/a	n/a	n/a	n/a
12/14/2023 23:15:00	0	0 n/a	n/a	n/a	n/a	n/a

12/14/2023 23:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/14/2023 23:45:00	0	0	n/a	n/a	n/a	n/a	n/a
Grand Total	**0.73**	**420**	**---**	**n/a**	**131.39**	**132.90**	**n/a**

Hillbrook School Driveway In and Out
Wednesday, December 20, 2023
IDAX Data Solutions

Lights			Heavies		
Time	In	Out	Time	In	Out
0:00	0	0	0:00	0	0
0:15	0	0	0:15	0	0
0:30	0	0	0:30	0	0
0:45	0	0	0:45	0	0
1:00	0	0	1:00	0	0
1:15	0	0	1:15	0	0
1:30	0	0	1:30	0	0
1:45	0	0	1:45	0	0
2:00	0	0	2:00	0	0
2:15	0	0	2:15	0	0
2:30	0	0	2:30	0	0
2:45	0	0	2:45	0	0
3:00	0	0	3:00	0	0
3:15	0	0	3:15	0	0
3:30	0	0	3:30	0	0
3:45	0	0	3:45	0	0
4:00	0	0	4:00	0	0
4:15	0	0	4:15	0	0
4:30	0	0	4:30	0	0
4:45	0	0	4:45	0	0
5:00	0	0	5:00	0	0
5:15	1	0	5:15	0	0
5:30	0	0	5:30	0	0
5:45	1	0	5:45	0	0
6:00	3	0	6:00	0	0
6:15	0	0	6:15	0	0
6:30	2	0	6:30	0	0
6:45	1	1	6:45	0	0
7:00	2	1	7:00	0	0
7:15	7	2	7:15	1	1
7:30	24	9	7:30	0	0
7:45	79	61	7:45	4	4
8:00	38	40	8:00	0	0
8:15	12	12	8:15	0	0
8:30	4	5	8:30	0	0
8:45	5	4	8:45	0	0
9:00	3	0	9:00	0	0
9:15	3	5	9:15	0	0
9:30	2	1	9:30	1	1
9:45	3	3	9:45	0	0
10:00	2	1	10:00	0	0
10:15	2	1	10:15	0	0
10:30	1	1	10:30	0	0
10:45	3	1	10:45	0	0
11:00	5	3	11:00	0	0
11:15	2	2	11:15	0	0

Time				Time		
11:30	1	3		11:30	1	1
11:45	1	3		11:45	0	0
12:00	0	2		12:00	0	0
12:15	1	1		12:15	0	0
12:30	4	1		12:30	0	0
12:45	2	2		12:45	1	0
13:00	1	0		13:00	0	1
13:15	2	4		13:15	0	0
13:30	0	1		13:30	1	0
13:45	1	1		13:45	1	2
14:00	1	1		14:00	0	0
14:15	6	2		14:15	2	0
14:30	28	6		14:30	1	0
14:45	32	8		14:45	0	0
15:00	21	59		15:00	0	2
15:15	8	28		15:15	0	1
15:30	6	9		15:30	0	0
15:45	4	10		15:45	1	1
16:00	3	11		16:00	1	1
16:15	0	6		16:15	1	0
16:30	2	3		16:30	1	1
16:45	2	3		16:45	0	1
17:00	1	1		17:00	1	0
17:15	3	1		17:15	0	0
17:30	5	7		17:30	1	1
17:45	8	0		17:45	0	1
18:00	5	0		18:00	2	2
18:15	5	2		18:15	3	3
18:30	5	0		18:30	3	1
18:45	1	1		18:45	0	0
19:00	2	2		19:00	0	0
19:15	0	0		19:15	0	0
19:30	2	13		19:30	0	1
19:45	0	18		19:45	2	2
20:00	0	2		20:00	1	2
20:15	0	0		20:15	0	0
20:30	0	0		20:30	0	0
20:45	0	0		20:45	0	0
21:00	0	0		21:00	0	0
21:15	0	0		21:15	0	0
21:30	1	0		21:30	0	0
21:45	0	0		21:45	0	0
22:00	0	0		22:00	0	0
22:15	0	3		22:15	0	0
22:30	0	1		22:30	0	0
22:45	0	0		22:45	0	0
23:00	0	0		23:00	0	0
23:15	0	0		23:15	0	0
23:30	0	0		23:30	0	0
23:45	0	0		23:45	0	0
Total	369	368		Total	30	30

Results for Sensor Zone 'ExitB' in AP: 'APEG 9545'
Start Date: 12/20/2023 00:00 PST
End Date: 12/21/2023 00:00 PST
Reporting interval: 15 minutes, Speed Average: Averaged by car

Time (Beginning of Interval)	Occup (%)	Volume	Median Speed (mph)	Avg Speed (mph)	Avg Gap (sec)	Avg Headway (sec)	Avg Length (ft)
12/20/2023 00:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 00:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 00:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 00:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 01:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 01:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 01:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 01:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 02:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 02:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 02:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 02:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 03:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 03:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 03:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 03:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 04:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 04:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 04:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 04:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 05:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 05:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 05:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 05:45:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 06:00:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 06:15:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 06:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 06:45:00	0.16	1	n/a	n/a	n/a	n/a	n/a
12/20/2023 07:00:00	0.14	1	n/a	n/a	1,169.03	1,170.50	n/a
12/20/2023 07:15:00	0.84	5	n/a	n/a	194.61	195.86	n/a
12/20/2023 07:30:00	0.98	8	n/a	n/a	131.31	132.60	n/a
12/20/2023 07:45:00	9.81	67	n/a	n/a	12.18	13.49	n/a
12/20/2023 08:00:00	4.33	39	n/a	n/a	21.84	22.85	n/a
12/20/2023 08:15:00	1.09	13	n/a	n/a	58.69	59.47	n/a
12/20/2023 08:30:00	0.47	4	n/a	n/a	177.09	178.08	n/a
12/20/2023 08:45:00	0.43	4	n/a	n/a	261.96	262.87	n/a
12/20/2023 09:00:00	0.08	1	n/a	n/a	794.30	795.41	n/a
12/20/2023 09:15:00	0.49	4	n/a	n/a	235.81	236.85	n/a
12/20/2023 09:30:00	0.30	3	n/a	n/a	280.12	280.88	n/a
12/20/2023 09:45:00	0.29	3	n/a	n/a	389.52	390.61	n/a
12/20/2023 10:00:00	0.11	1	n/a	n/a	632.45	633.20	n/a
12/20/2023 10:15:00	0.11	2	n/a	n/a	289.49	290.02	n/a
12/20/2023 10:30:00	0.09	2	n/a	n/a	514.45	514.98	n/a

12/20/2023 10:45:00	0.13	1 n/a	n/a	684.05	684.70 n/a	
12/20/2023 11:00:00	0.29	3 n/a	n/a	450.37	451.35 n/a	
12/20/2023 11:15:00	0.31	2 n/a	n/a	319.81	320.90 n/a	
12/20/2023 11:30:00	0.29	2 n/a	n/a	491.46	492.86 n/a	
12/20/2023 11:45:00	0.65	4 n/a	n/a	244.25	245.77 n/a	
12/20/2023 12:00:00	0.45	2 n/a	n/a	555.28	556.61 n/a	
12/20/2023 12:15:00	0.17	1 n/a	n/a	962.25	964.67 n/a	
12/20/2023 12:30:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 12:45:00	0.29	2 n/a	n/a	835.92	837.40 n/a	
12/20/2023 13:00:00	0.18	1 n/a	n/a	509.93	511.06 n/a	
12/20/2023 13:15:00	1.29	5 n/a	n/a	260.65	263.08 n/a	
12/20/2023 13:30:00	0.08	1 n/a	n/a	425.82	426.92 n/a	
12/20/2023 13:45:00	0.22	3 n/a	n/a	321.42	322.10 n/a	
12/20/2023 14:00:00	0.13	1 n/a	n/a	847.22	847.91 n/a	
12/20/2023 14:15:00	0.48	3 n/a	n/a	482.50	483.92 n/a	
12/20/2023 14:30:00	0.83	6 n/a	n/a	135.21	136.40 n/a	
12/20/2023 14:45:00	0.90	6 n/a	n/a	170.93	172.37 n/a	
12/20/2023 15:00:00	8.09	61 n/a	n/a	13.54	14.74 n/a	
12/20/2023 15:15:00	4.35	30 n/a	n/a	25.84	27.11 n/a	
12/20/2023 15:30:00	0.93	8 n/a	n/a	101.99	103.18 n/a	
12/20/2023 15:45:00	1.79	12 n/a	n/a	84.65	85.76 n/a	
12/20/2023 16:00:00	1.24	11 n/a	n/a	81.61	82.88 n/a	
12/20/2023 16:15:00	1.26	10 n/a	n/a	79.35	80.30 n/a	
12/20/2023 16:30:00	0.96	5 n/a	n/a	180.07	182.11 n/a	
12/20/2023 16:45:00	0.60	4 n/a	n/a	250.55	251.46 n/a	
12/20/2023 17:00:00	0.12	1 n/a	n/a	835.85	838.70 n/a	
12/20/2023 17:15:00	0.20	1 n/a	n/a	532.35	533.43 n/a	
12/20/2023 17:30:00	1.33	8 n/a	n/a	109.29	110.83 n/a	
12/20/2023 17:45:00	0.79	1 n/a	n/a	640.14	641.60 n/a	
12/20/2023 18:00:00	1.02	2 n/a	n/a	575.77	581.22 n/a	
12/20/2023 18:15:00	2.29	6 n/a	n/a	187.98	191.12 n/a	
12/20/2023 18:30:00	2.59	7 n/a	n/a	126.05	129.94 n/a	
12/20/2023 18:45:00	0.11	1 n/a	n/a	947.11	951.08 n/a	
12/20/2023 19:00:00	0.11	1 n/a	n/a	105.02	106.04 n/a	
12/20/2023 19:15:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 19:30:00	2.07	14 n/a	n/a	188.92	190.11 n/a	
12/20/2023 19:45:00	3.10	20 n/a	n/a	40.56	42.03 n/a	
12/20/2023 20:00:00	1.65	7 n/a	n/a	106.04	108.01 n/a	
12/20/2023 20:15:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 20:30:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 20:45:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 21:00:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 21:15:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 21:30:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 21:45:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 22:00:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 22:15:00	0.48	3 n/a	n/a	2,761.30	2,763.18 n/a	
12/20/2023 22:30:00	0.49	1 n/a	n/a	186.53	187.76 n/a	
12/20/2023 22:45:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 23:00:00	0	0 n/a	n/a	n/a	n/a n/a	
12/20/2023 23:15:00	0	0 n/a	n/a	n/a	n/a n/a	

12/20/2023 23:30:00	0	0	n/a	n/a	n/a	n/a	n/a
12/20/2023 23:45:00	0	0	n/a	n/a	n/a	n/a	n/a
Grand Total	**0.65**	**415**	**---**	**n/a**	**134.96**	**136.30**	**n/a**

Table 3 – Daily Sensys Count Summary – 2023 Fall Trimester					
Date	**Day of the Week**	**Sensys Counts (# of Vehicles)**		**Summary of Sensys Counts**		**Notes**
		Exit A	**Exit B**	**Percent Difference**	**Daily Trips**	
12/11/23	Monday	394	401	1.8%	802	
12/12/23	Tuesday	414	413	0.2%	828	
12/13/23	Wednesday	426	422	0.9%	852	
12/14/23	Thursday	416	420	1.0%	840	
12/15/23	Friday	400	399	0.3%	800	
12/16/23	Saturday	3	3	0.0%	6	
12/17/23	Sunday	9	9	0.0%	18	
12/18/23	Monday	390	392	0.5%	784	
12/19/23	Tuesday	401	414	3.2%	828	
12/20/23	Wednesday	414	415	0.2%	830	Middle School Winter Concert
12/21/23	Thursday	376	376	0.0%	752	

Note: Allowable percent difference less than five percent: daily trip cap 880 trips during school year. Red = value exceeds conditional use permit threshold

Location: Marchmont Dr, W/O Entrance Gate
Date Range: 12/8/2023 - 12/14/2023
Site Code: 01

Time	Friday 12/8/2023			Saturday 12/9/2023			Sunday 12/10/2023			Monday 12/11/2023			Tuesday 12/12/2023			Wednesday 12/13/2023			Thursday 12/14/2023			Mid-Week Average		
	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	1	1	2	0	0	0	0	0	1
3:00 AM	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
5:00 AM	2	0	2	2	0	2	0	0	0	2	1	3	2	0	2	1	0	1	1	0	1	1	0	1
6:00 AM	7	0	7	0	2	2	0	0	0	9	0	9	8	0	8	9	0	9	8	2	10	8	1	9
7:00 AM	147	54	201	0	0	0	0	0	0	145	59	204	145	87	232	138	80	218	132	80	212	138	82	221
8:00 AM	53	64	117	1	1	2	0	0	0	68	72	140	69	63	132	61	66	127	55	65	120	62	65	126
9:00 AM	11	23	34	0	0	0	1	1	2	11	13	24	12	13	25	8	10	18	11	9	20	10	11	21
10:00 AM	13	12	25	1	1	2	1	0	1	11	10	21	12	9	21	10	16	26	8	6	14	10	10	20
11:00 AM	9	11	20	0	0	0	0	0	0	4	9	13	11	13	24	5	4	9	13	13	26	10	10	20
12:00 PM	11	9	20	1	1	2	2	3	5	9	9	18	5	7	12	7	11	18	8	12	20	7	10	17
1:00 PM	11	9	20	0	0	0	0	1	1	11	11	22	7	8	15	11	12	23	6	7	13	8	9	17
2:00 PM	44	20	64	0	0	0	0	0	0	64	20	84	59	17	76	64	25	89	46	13	59	56	18	75
3:00 PM	59	103	162	2	2	4	1	1	2	54	115	169	54	122	176	61	87	148	60	116	176	58	108	167
4:00 PM	28	52	80	0	0	0	0	0	0	36	74	110	23	56	79	26	83	109	33	61	94	27	67	94
5:00 PM	7	19	26	0	0	0	0	0	0	7	17	24	4	16	20	8	16	24	3	19	22	5	17	22
6:00 PM	2	3	5	1	1	2	1	0	1	0	0	0	0	0	0	1	4	5	1	2	3	1	2	3
7:00 PM	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	1	2	3	0	1	1	0	1	2
8:00 PM	0	1	1	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	1
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	1
10:00 PM	0	2	2	0	0	0	0	0	0	0	3	3	0	2	2	0	3	3	0	0	0	0	2	2
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	406	384	790	8	8	16	6	7	13	432	415	847	412	415	827	412	420	832	386	408	794	403	414	818
Percent	51%	49%		50%	50%		46%	54%		51%	49%		50%	50%		50%	50%		49%	51%		49%	51%	
AM Peak	07:00	08:00	07:00	05:00	06:00	05:00	09:00	09:00	09:00	07:00	08:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00
Vol.	147	64	201	2	2	2	1	1	2	145	72	204	145	87	232	138	80	218	132	80	212	138	82	221
PM Peak	15:00	15:00	15:00	15:00	15:00	15:00	12:00	12:00	12:00	14:00	15:00	15:00	14:00	15:00	15:00	14:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00
Vol.	59	103	162	2	2	4	2	3	5	64	115	169	59	122	176	64	87	148	60	116	176	58	108	167

1. Mid-week average includes data between Tuesday and Thursday.