



Mount Prospect Public Works Department

INTEROFFICE MEMORANDUM

TO: DIRECTOR OF PUBLIC WORKS
FROM: PROJECT ENGINEER
DATE: APRIL 15, 2026
SUBJECT: FNSP – LAKE BRIARWOOD – INITIAL DESIGN

This memo outlines the initial design for the Lake Briarwood Neighborhood which includes installing speed feedback signs as the recommended traffic calming measure. This was developed after a petition was submitted by 47 residents of the neighborhood requesting a traffic calming study. Traffic counts were conducted to confirm eligibility for the program and an initial survey was sent to all residents introducing the study and requesting information on existing conditions. Reducing vehicle speeds while not negatively impacting pedestrians and cyclists was the primary theme of the 13 survey responses.

The Lake Briarwood Neighborhood is unique in the Village as there is no through traffic due to the neighborhood only having one entrance at Algonquin Road. Additionally, it is one of the few areas of the Village with a 20 MPH speed limit instead of 25 MPH. The streets in the neighborhood are 24' wide edge-to-edge with curb and gutter. There are no sidewalks forcing residents to walk and bike in the street. Street lighting is not present.

Traffic counts showed the neighborhood met eligibility criteria for a 20 MPH speed limit but would not have met criteria for a 25 MPH speed limit as is typical throughout the Village. The speeds recorded in the neighborhood are typical for a residential street in the Village, but since the speed limit is lower, the neighborhood is eligible for the program. Briarwood Drive East experienced slightly higher speeds and over double the traffic volume as Briarwood Drive West. Crash history shows only two crashes in the neighborhood within the past 5 years, one involved hitting a parked vehicle in Lynn Court and one in Elayne Court with a vehicle backing into a fire hydrant. There were no reported crashes on the loop of Briarwood Drive.

Since there are no sidewalks in the neighborhood, typical in-street traffic calming measures such as median islands would not be appropriate due to them creating conflicts between vehicles and pedestrians in the street. Currently, with relatively low on-street parking utilization, vehicles have space to pass pedestrians.

Therefore, Staff recommends installing speed feedback signs on straight sections of Briarwood Drive East and West. This will preserve space for pedestrians and cyclists in street while providing a clear reminder to vehicles of the speed limit and how fast they are going in the neighborhood. This will also address concerns about commercial vehicles who will see the speed feedback signs at least once while they are in the neighborhood.

Additionally, signage was recently added to Briarwood Drive at the Briarwood Plaza Shopping Center exit to indicate Briarwood Drive has no outlet and to direct vehicles away from the neighborhood. Lastly, as part of the Algonquin Road Shared-Use Path, Sidewalk and Lighting Project, pedestrian improvements will be made to the intersection of Algonquin Road and Briarwood Drive, including adding a shared-use path along the north side of Algonquin Road.

The next step of the process is to solicit feedback on the initial design to help in developing the final design. This will include mailings and a discussion at a Transportation Safety Commission meeting.

Luke Foresman, PE



Project Engineer

Attachments:

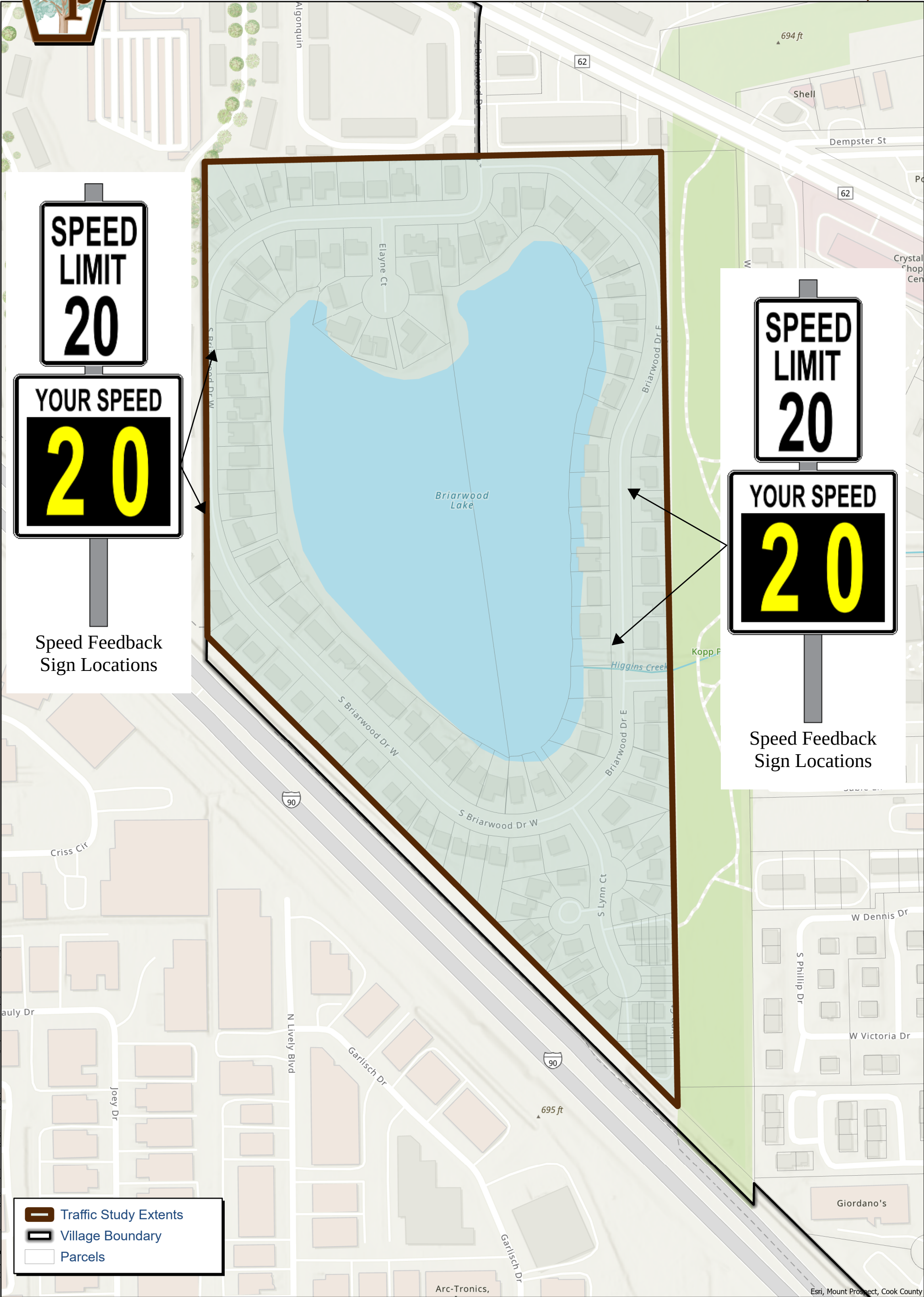
- Initial Design Plan
- Eligibility Memo



Initial Design

Lake Briarwood

Traffic Study Limits





Mount Prospect Public Works Department

INTEROFFICE MEMORANDUM

TO: DIRECTOR OF PUBLIC WORKS
FROM: PROJECT ENGINEER
DATE: March 2, 2026
SUBJECT: FNSP – LAKE BRIARWOOD NEIGHBORHOOD – ELIGIBILITY

24 hour traffic counts were completed in the Lake Briarwood Neighborhood from 10/15/2025 – 10/19/2025. Counters were placed at 2839 Briarwood East and 2809 Briarwood West to capture the speed and volume of vehicles in the neighborhood. These traffic counts were compared to historical counts.

Minimum Criteria as outlined in the Friendly Neighborhood Streets Program include:

- An average speed at least 3 MPH above the speed limit (23 MPH) or
- An 85th percentile speed at least 7 MPH above the speed limit (27 MPH) or
- An average daily traffic of at least 1000 vehicles or
- A peak hour volume of at least 120 vehicles

It should be noted that the Lake Briarwood Neighborhood has a 20 MPH speed limit, compared to 25 MPH as is standard on residential streets throughout the Village. If the neighborhood had the standard 25 MPH speed limit then it would not meet eligibility requirements. Additionally, while traffic volume has remained consistent, but vehicle speeds have decreased slightly over time.

The table on the next page shows traffic count results.

Year	Month	Location	Average Speed of Vehicles	85% Speed (Speed 15% of Drivers are Exceeding)	Average Volume	Days of the Week
					Vehicles Per Day	
Briarwood West						
2007	August	Mid-Block	24.2	30.2	289.5	Wed-Thr
2018	June	Mid-Block	22.7	28.2	275.3	Tue-Thr
2019	May	Mid-Block	22.9	28.6	267	Tue-Thr
2025	October	2809	21.8	28.4	287	Wed-Thr
2025	October	2809	21.9	28.2	215.5	Sat-Sun
Briarwood East						
2007	August	Mid-Block	26.2	32.1	578.5	Wed-Thr
2018	June	Mid-Block	25.3	30.9	616.3	Tue-Thr
2019	May	Mid-Block	22.9	28.5	624	Tue-Thr
2025	October	2839	24.1	29.8	623	Wed-Thr
2025	October	2839	22.1	28.4	567	Sat-Sun

Orange highlighted cells meet minimum criteria

Based on the traffic counts showing the neighborhood meeting minimum eligibility requirements, Staff recommends moving forward to the next step in the traffic calming process as outlined in the Friendly Neighborhood Streets Program.

Luke Foresman, PE



Project Engineer

Attachments:

- Minimum Criteria Exhibit
- 2025 Traffic Counts



MINIMUM CRITERIA

The Engineering Division collected extensive vehicular volume and speed data including average daily traffic, peak hour volume, average speeds and 85th percentile speeds on most neighborhood streets as part of the Neighborhood Traffic Study from 2007 to 2010. Unless additional studies have been conducted on a particular street, updated traffic data will most likely be necessary before determining if a street qualifies for traffic calming measures due to the time since the Neighborhood Traffic Studies were completed.

For a street to qualify for traffic calming measures at least one of the criteria thresholds below must be met.

Speed:

- The average speed is at least **3 MPH** above the speed limit
- The 85th percentile speed is at least **7 MPH** above the speed limit

Note: School Zone Speed Limits can be used only where signed and when enhancing pedestrian safety is a primary goal

These speed limits are lower than the previous traffic calming program to make more streets eligible for traffic calming measures and to better account for outlier neighborhood traffic speeds effecting traffic studies. Slow speeds due to deliveries, garbage trucks, mail or residents accessing their driveways near traffic counters can lower the overall speeds recorded by the study.

Volume:

- The average daily traffic is at least 1000 vehicles
- The peak hour volume is at least 120 vehicles

The traffic volume limits are meant to address cut through traffic on neighborhood streets. This typically happens on non-collector streets adjacent to arterial roadways. Volume criteria does not apply to collector streets except adjacent to high pedestrian generators.





MINIMUM CRITERIA

Should an individual street qualify for traffic calming measures, the Engineering Division will also identify any surrounding streets that may be significantly impacted by traffic calming measures on the street in question. The selected surrounding streets may not meet the minimum criteria but could be adversely impacted if not considered in the development of a traffic calming project. The boundaries of potential significant impact will define the project area.

The only exception to meeting any of the criteria thresholds is if the street has a recent history of crashes atypical for a neighborhood street and traffic calming measures are the appropriate solution. Should the Engineering Division identify a high crash rate for the street, the Engineering Division has the discretion to initiate a traffic calming project even if none of the vehicular volume or speed criteria are met. In analyzing the crash reports for a street with a recent history of crashes, the Engineering Division will first consider less intrusive education, enforcement and engineering measures. If it is determined traffic calming measures are the appropriate solution, the project will continue with the traffic calming process.

Definitions

These definitions pertain to the criteria thresholds described above and apply to an engineering traffic study typically lasting between 48 and 72 hours.

Average Speed – The mean speed, in miles per hour, of all vehicles during the traffic study. It is typically measured at the midblock of the street.

85th Percentile Speed – The speed, in miles per hour, at which 85% of all vehicles during the traffic study are traveling at or below. It is typically measured at the midblock of the street and represents the basis for establishing the speed limit.

Average Daily Traffic – The number of vehicles, measured in both directions, passing a point along the street during a 24-hour period. It is calculated by dividing the total number of recorded vehicles by the number of days in the traffic study.

Peak Hour Volume – The highest number of vehicles, measured in both directions, passing a point along the street during any 1-hour period during the traffic study.



Street : Briarwood East
Address : 2839
Engineer : LJF

Site: 2810
Wednesday, 10/15/2025 12:00 AM -
Friday, 10/17/2025 12:00 AM

Speed Grand Totals

mph	Hourly Averages														Combined
	Total	0 - ≤ 15	15 - ≤ 20	20 - ≤ 25	25 - ≤ 30	30 - ≤ 35	35 - ≤ 40	40 - ≤ 45	45 - ≤ 50	50 - ≤ 55	55 - ≤ 60	60 - ≤ 65	65 - ≤ 70	70 - ≤ 200	
12:00 AM	5.0	0.0	0.5	2.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 AM	2.5	0.0	0.0	1.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 AM	4.0	0.5	0.5	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 AM	3.5	0.0	0.0	2.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 AM	10.5	1.0	2.0	2.0	1.5	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 AM	8.5	0.5	0.0	3.0	4.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 AM	23.5	0.5	5.0	8.5	5.5	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 AM	32.5	2.0	8.5	9.5	6.5	5.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 AM	47.5	5.0	8.0	18.5	12.0	3.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 AM	21.5	1.5	3.0	7.5	6.5	2.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 AM	28.5	2.5	6.5	7.0	9.0	3.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 AM	33.0	1.0	6.5	11.5	10.5	3.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12:00 PM	25.5	2.5	4.5	8.5	7.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 PM	26.0	1.5	4.0	8.0	8.0	4.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 PM	32.5	3.5	6.0	9.0	8.5	5.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	
3:00 PM	49.5	3.5	13.0	15.5	13.0	4.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 PM	62.0	4.5	8.0	22.5	18.5	5.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 PM	51.0	1.0	6.5	18.0	17.0	6.0	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 PM	54.0	2.5	9.0	20.0	15.0	7.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 PM	31.5	0.5	3.5	11.5	11.5	4.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 PM	27.0	0.5	5.0	10.5	6.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 PM	20.5	0.5	4.5	8.0	4.5	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 PM	14.0	0.0	1.5	3.5	5.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 PM	9.0	0.5	1.0	2.5	3.0	0.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
Daily Average	623.0	35.5	107.0	212.0	178.5	72.0	14.5	3.0	0.0	0.0	0.5	0.0	0.0	0.0	
Average (Mean)		24.1 mph		Minimum 10.3 mph		Maximum 55.3 mph		Pace Range		19.2 - 29.2 mph		798 vehicles (64.0%)			
Percentile Speeds		10%	15%	50%	85%	90%									
(mph)		16.6	18.1	24.0	29.8	31.3									
Speeds Exceeded		25 mph	35 mph	45 mph	55 mph	65 mph	75 mph								
		42.9% (534)	2.8% (35)	0.1% (1)	0.1% (1)	0% (0)	0% (0)								

Study Grand Totals														
	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
Combined	1246	71	214	424	357	144	29	6	0	0	1	0	0	0
		5.7%	17.2%	34.0%	28.7%	11.6%	2.3%	0.5%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Southbound	625	43	117	211	172	72	9	1	0	0	0	0	0	0
		6.9%	18.7%	33.8%	27.5%	11.5%	1.4%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Northbound	621	28	97	213	185	72	20	5	0	0	1	0	0	0
		4.5%	15.6%	34.3%	29.8%	11.6%	3.2%	0.8%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%

Street : Briarwood East
Address : 2839
Engineer : LJF

Site: 2810
Saturday, 10/18/2025 12:00 AM -
Monday, 10/20/2025 12:00 AM

Speed Grand Totals

mph	Hourly Averages														Combined
	Total	0 - ≤ 15	15 - ≤ 20	20 - ≤ 25	25 - ≤ 30	30 - ≤ 35	35 - ≤ 40	40 - ≤ 45	45 - ≤ 50	50 - ≤ 55	55 - ≤ 60	60 - ≤ 65	65 - ≤ 70	70 - ≤ 200	
12:00 AM	13.5	2.5	3.5	3.5	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 AM	10.0	1.5	1.0	3.0	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 AM	10.0	0.5	1.0	5.0	2.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 AM	10.5	1.5	2.0	2.5	1.5	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 AM	5.5	0.0	2.0	1.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 AM	6.0	2.0	1.0	1.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 AM	9.0	0.0	2.5	3.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 AM	12.0	1.5	1.5	4.5	1.0	1.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 AM	10.0	0.0	2.0	4.0	1.5	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 AM	34.5	1.5	5.0	12.0	11.5	4.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 AM	33.0	3.5	8.0	10.0	7.0	3.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 AM	33.0	7.0	8.0	8.5	5.5	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12:00 PM	46.5	5.0	16.5	11.5	12.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 PM	33.0	5.5	9.0	10.0	5.5	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 PM	34.0	5.0	9.0	11.0	6.5	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 PM	36.5	3.0	5.5	13.5	8.5	5.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 PM	42.0	4.5	10.5	10.5	11.5	3.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 PM	45.5	8.0	14.5	14.0	4.5	3.5	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
6:00 PM	34.0	8.5	8.5	8.0	6.0	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 PM	37.0	3.0	8.5	13.5	9.0	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 PM	27.0	2.0	7.5	9.0	6.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 PM	14.5	1.0	1.0	8.5	2.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 PM	19.0	0.5	6.5	8.5	3.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 PM	11.0	2.0	2.0	5.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Daily Average	567.0	69.5	136.5	182.5	116.5	50.5	10.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	
Average (Mean)		22.1 mph		Minimum 1.2 mph		Maximum 45.8 mph		Pace Range		17.2 - 27.2 mph		697 vehicles (61.5%)			
Percentile Speeds (mph)		10% 14.2	15% 16.0	50% 22.2	85% 28.4	90% 30.2									
Speeds Exceeded		25 mph 31.4% (356)		35 mph 2.0% (23)		45 mph 0.1% (1)		55 mph 0% (0)		65 mph 0% (0)		75 mph 0% (0)			

Study Grand Totals														
	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
Combined	1134	139	273	365	233	101	21	1	1	0	0	0	0	0
		12.3%	24.1%	32.2%	20.5%	8.9%	1.9%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Southbound	558	66	143	181	112	46	9	1	0	0	0	0	0	0
		11.8%	25.6%	32.4%	20.1%	8.2%	1.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Northbound	576	73	130	184	121	55	12	0	1	0	0	0	0	0
		12.7%	22.6%	31.9%	21.0%	9.5%	2.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%

Street : Briarwood West
Address : 2809
Engineer : LJF

Site: 2809
Wednesday, 10/15/2025 12:00 AM -
Friday, 10/17/2025 12:00 AM

Speed Grand Totals

mph	Hourly Averages														Combined
	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200	
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	0.0	0.0	
1:00 AM	1.5	0.0	0.5	0.5	0.5	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 AM	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 AM	1.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 AM	2.0	1.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 AM	9.0	0.5	1.5	5.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 AM	21.5	3.5	3.0	5.5	6.5	1.0	1.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	
8:00 AM	19.5	0.5	2.5	6.0	7.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 AM	12.5	3.5	1.0	7.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 AM	14.0	0.5	3.0	5.5	3.5	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	
11:00 AM	16.5	2.5	3.0	4.5	5.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12:00 PM	16.0	2.0	4.0	5.0	3.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 PM	19.5	5.0	4.5	5.0	3.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 PM	21.5	2.5	3.5	8.5	5.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 PM	27.5	4.5	4.5	8.5	7.0	2.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
4:00 PM	23.0	2.0	5.5	9.0	5.0	0.5	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
5:00 PM	25.0	5.5	6.0	5.5	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 PM	19.0	5.5	5.0	5.0	2.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 PM	12.0	3.0	2.0	3.0	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 PM	11.0	1.5	2.0	2.5	3.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 PM	8.0	1.0	2.0	2.0	2.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 PM	4.0	2.0	1.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 PM	1.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Daily Average	287.0	47.5	57.5	89.5	69.0	16.0	4.5	0.5	2.0	0.5	0.0	0.0	0.0	0.0	
Average (Mean)		21.8 mph		Minimum 2.8 mph		Maximum 50.1 mph		Pace Range		17.0 - 27.0 mph		336 vehicles (58.5%)			
Percentile Speeds		10%		15%		50%		85%		90%					
(mph)		12.7		14.7		22.3		28.4		29.3					
Speeds Exceeded		25 mph		35 mph		45 mph		55 mph		65 mph		75 mph			
		31.7% (182)		2.6% (15)		0.9% (5)		0% (0)		0% (0)		0% (0)			

Study Grand Totals															
	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200	
Combined	574	95	115	179	138	32	9	1	4	1	0	0	0	0	
		16.6%	20.0%	31.2%	24.0%	5.6%	1.6%	0.2%	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%	
Southbound	301	42	64	99	76	14	6	0	0	0	0	0	0	0	
		14.0%	21.3%	32.9%	25.2%	4.7%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Northbound	273	53	51	80	62	18	3	1	4	1	0	0	0	0	
		19.4%	18.7%	29.3%	22.7%	6.6%	1.1%	0.4%	1.5%	0.4%	0.0%	0.0%	0.0%	0.0%	

Street : Briarwood West
Address : 2809
Engineer : LJF

Site: 2809
Saturday, 10/18/2025 12:00 AM -
Monday, 10/20/2025 12:00 AM

Speed Grand Totals

mph	Hourly Averages														Combined
	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200	
12:00 AM	2.5	0.5	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 AM	3.0	0.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 AM	1.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 AM	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 AM	4.0	0.0	0.5	1.5	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 AM	2.5	0.5	0.0	0.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 AM	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 AM	4.0	0.5	1.0	0.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 AM	5.5	1.0	0.5	2.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 AM	10.0	2.0	3.5	2.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 AM	12.0	2.0	4.0	2.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 AM	15.5	2.5	7.0	2.5	3.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12:00 PM	19.5	2.0	4.5	7.0	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 PM	17.0	2.5	3.5	4.5	4.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 PM	22.0	6.0	4.5	6.5	4.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 PM	16.0	4.5	3.5	4.5	2.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 PM	19.0	3.5	5.0	5.5	3.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 PM	17.5	1.5	4.5	6.5	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 PM	14.5	0.5	1.5	6.5	4.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 PM	12.5	1.0	1.0	4.5	5.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 PM	8.5	0.5	1.0	3.5	3.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
9:00 PM	3.5	0.0	0.0	2.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 PM	3.0	0.0	1.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 PM	1.5	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Daily Average	215.5	31.5	47.5	69.5	49.0	15.0	2.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	
Average (Mean)		21.9 mph		Minimum 1.2 mph		Maximum 46.1 mph		Pace Range		17.1 - 27.1 mph		256 vehicles (59.4%)			
Percentile Speeds		10%		15%		50%		85%		90%					
(mph)		13.5		15.1		22.2		28.2		29.2					
Speeds Exceeded		25 mph		35 mph		45 mph		55 mph		65 mph		75 mph			
		30.6% (132)		1.4% (6)		0.2% (1)		0% (0)		0% (0)		0% (0)			

Study Grand Totals															
	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200	
Combined	431	63	95	139	98	30	4	1	1	0	0	0	0	0	
		14.6%	22.0%	32.3%	22.7%	7.0%	0.9%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
Southbound	217	23	47	78	48	18	2	1	0	0	0	0	0	0	
		10.6%	21.7%	35.9%	22.1%	8.3%	0.9%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Northbound	214	40	48	61	50	12	2	0	1	0	0	0	0	0	
		18.7%	22.4%	28.5%	23.4%	5.6%	0.9%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	