

- Spurgeon Lane

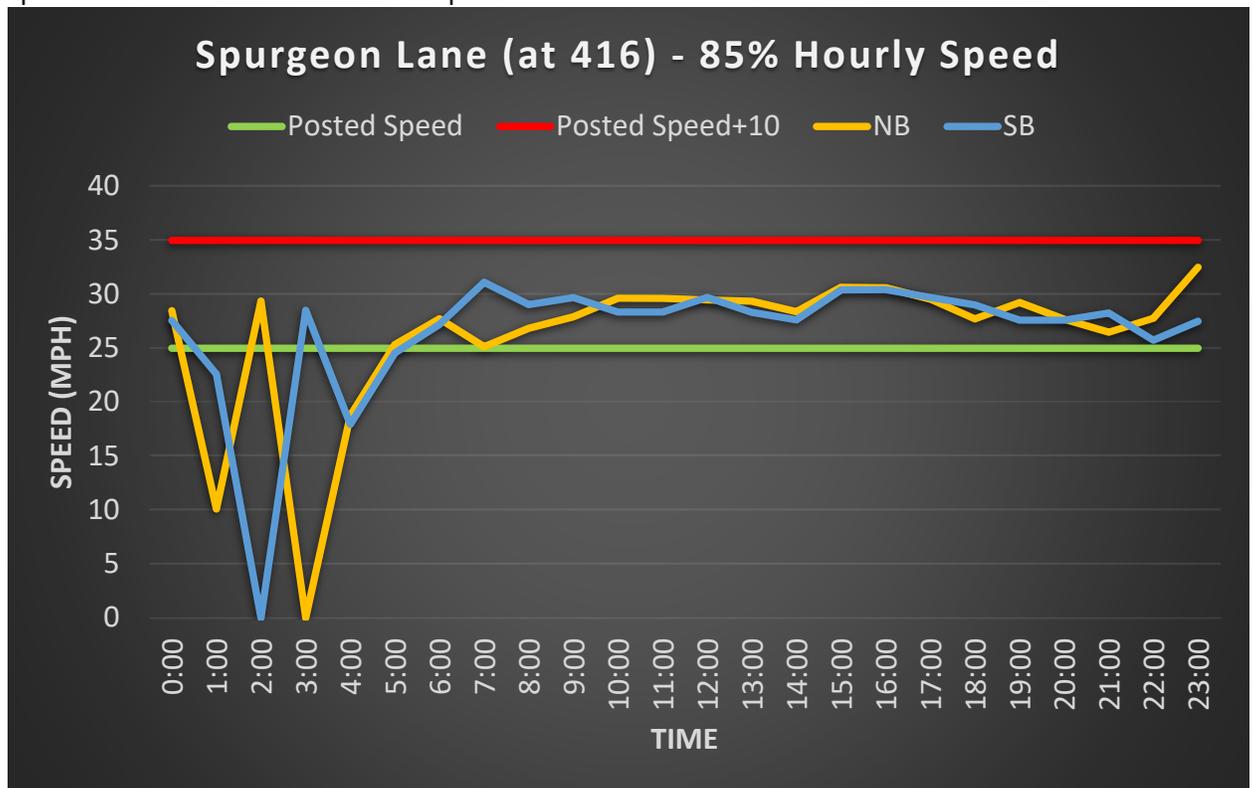
Location: 416 Spurgeon Lane  
 Duration: 07/15/2024 (Monday) - 07/21/2024 (Sunday)  
 Posted Speed Limit: 25 mph  
 Northbound: to Island Road  
 Southbound: from Island Road  
 ADT: 471 (NB: 55%, SB: 45%)

**Overview:**

Date - Day	Nothbound - to Island Road		Southbound - from Island Road		Daily Traffic
	Counts	85% Speed	Counts	85% Speed	
7/15/2024 Mon	289	30	240	28	529
7/16/2024 Tue	301	26	242	28	543
7/17/2024 Wed	250	27	236	28	486
7/18/2024 Thu	259	28	221	28	480
7/19/2024 Fri	276	29	207	28	483
7/20/2024 Sat	215	30	178	28	393
7/21/2024 Sun	224	28	158	27	382

*Directional Counts, 85th Percentile Speed and Daily Traffic*

The table above presents the directional counts, 85th percentile speeds, and daily traffic for each day. Upon reviewing the data, it is evident that there were no instances where speeds reached or exceeded 35 mph.



*85% Hourly Speed*

In the above graph, the green and red lines correspond to speeds of 25 mph and 35 mph, respectively. It is evident that the speeds in both directions are consistently below the 35-mph threshold.

**Conclusion:**

After analyzing the speed data collected over seven days, it was observed that the hourly and daily speed for the 85th percentile falls below 35 mph in both directions. Additionally, no continuous trend of speeding was observed. According to the guidelines outlined in the Bristol VA Traffic Calming Guide, it has been determined that Spurgeon Lane, between Island Road and Martin Road, does not meet the necessary requirements for implementing traffic calming measures.

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LOCATION	Speed Study - Spurgeon Lane
DATE	9/9/2024
SCALE	1" = 50'
<b>PAGE: 1 OF 1</b>	
 1 : 600 (1" = 50')	



**NOTES & COMMENTS:**  
Mode: Road Tube Counter  
Recording Period: Monday, 7/15 – Sunday, 7/21  
Date & Time Placed: Friday, 7/12 @ 8:54 AM  
Date & Time Removed: Thursday, 7/24 @ 9:45 AM  
Location: Tubes were installed on the utility pole next to 416.