

- Randolph Street

Location: 2421 Randolph Street

Duration: 04/23/2024 (Tuesday) - 04/29/2024 (Monday)

Posted Speed Limit: 25 mph

Eastbound: From Gate City Hwy

Westbound: To Gate City Hwy

**Overview:**

Date - Day	Eastbound - From Gate City Hwy		Westbound	
	Counts	85% Speed	Counts	85% Speed
4/23/2024 Tue	543	27	518	30
4/24/2024 Wed	539	27	534	29
4/25/2024 Thu	556	27	586	31
4/26/2024 Fri	613	26	610	30
4/27/2024 Sat	484	28	497	27
4/28/2024 Sun	396	28	449	29
4/29/2024 Mon	567	26	535	29

Table 5 Randolph St Directional Counts and 85th Percentile Speed

Table 5 presents the directional counts and 85th percentile speed for each day. An analysis of the daily speeds revealed that no instance of speed equal to or greater than 35 mph occurred.

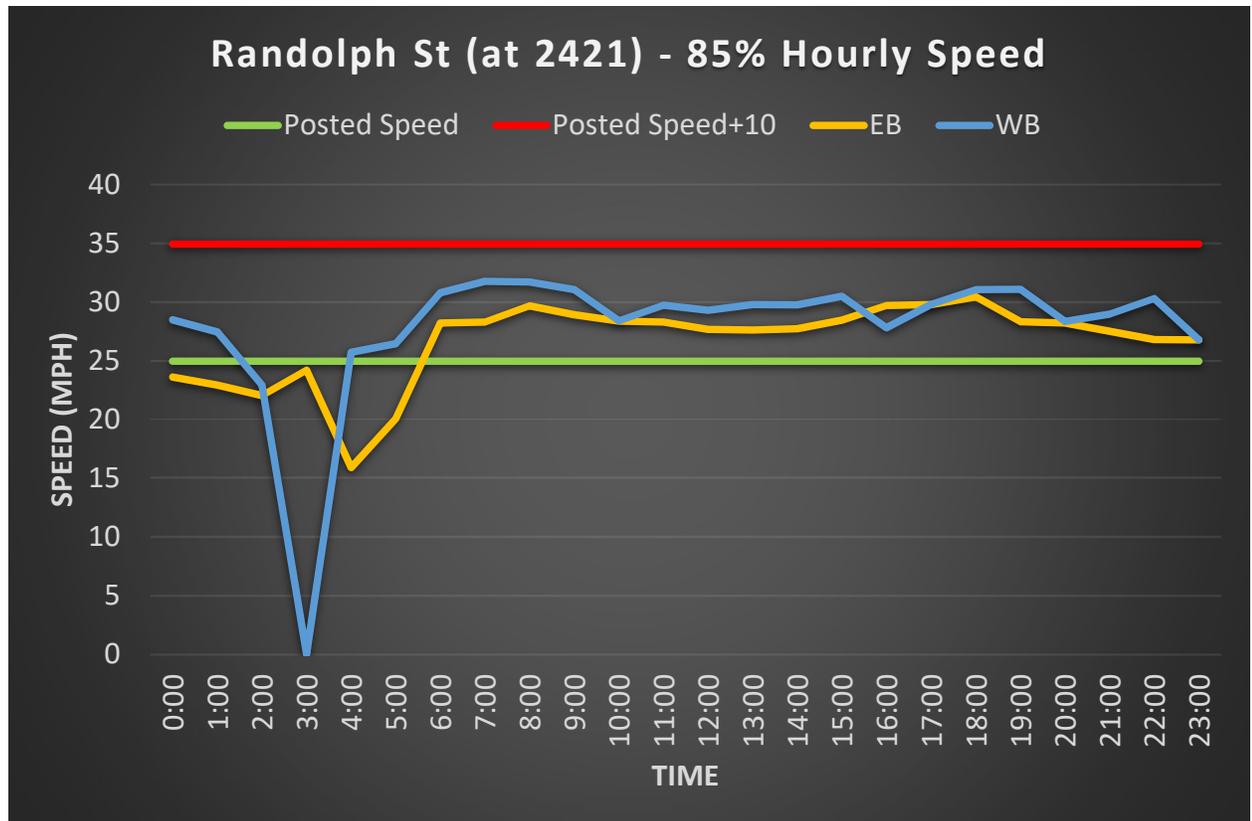


Figure 6 Randolph St 85% Hourly Speed

In the graph above, the green line indicates a speed of 25 mph, while the red line indicates a speed of 35 mph. It is evident that the speed in both directions falls under the 35 mph threshold.

**Conclusion:**

Upon analyzing the speed data collected over seven days, it has been observed that the hourly and daily speed for the 85th percentile falls below 35 mph in both directions. Also, no continuous trend of speeding was observed. As per the guidelines outlined in the Bristol VA Traffic Calming Guide, it is determined that Randolph St, between Gate City Highway and Monroe Street, does not meet the necessary requirements for implementing traffic calming measures.

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**NOTES & COMMENTS:**

Mode: Road Tube Counter

Duration: Tuesday, 4/23/24 @ 0:00 – Monday, 4/29/24 @ 23:59

Date & Time Placed: Monday, 4/22/24 @ 10:10

Date & Time Removed: Tuesday, 4/30/24



LOCATION	Randolph St W of Monroe St	
DATE	7/31/2024	
SCALE	1" = 50'	<b>PAGE: 1 OF 1</b>
 1 : 600 (1" = 50')		

