

- Catherine Street

Location: 2443 Catherine 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	247	31	221	32
4/24/2024 Wed	245	27	223	32
4/25/2024 Thu	260	30	253	33
4/26/2024 Fri	275	28	246	31
4/27/2024 Sat	215	28	197	30
4/28/2024 Sun	228	31	175	31
4/29/2024 Mon	240	31	187	31

Table 4 Catherine St Directional Counts and 85th Percentile Speed

Table 4 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.

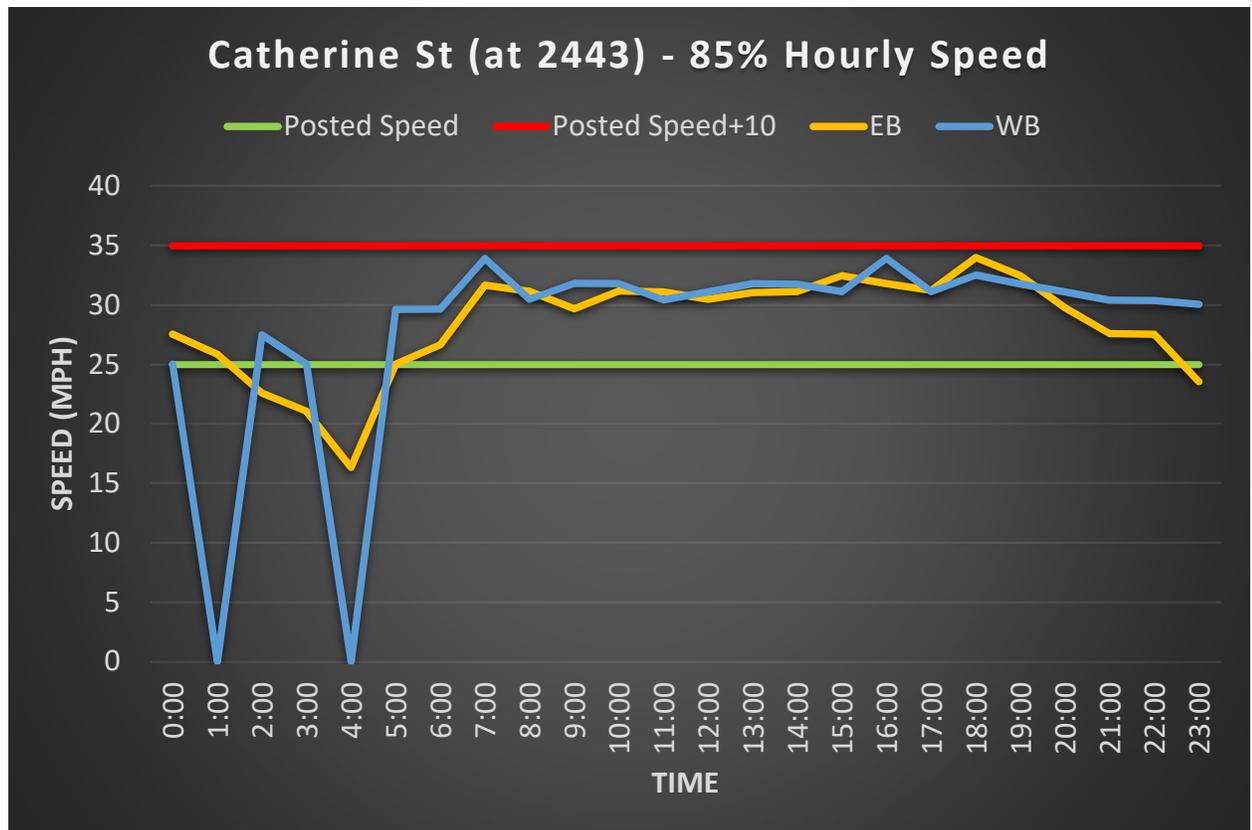


Figure 5 Catherine St 85% Hourly Speed

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 Catherine St, between Gate City Highway and Monroe Street, does not meet the necessary requirements for implementing traffic calming measures.

NOTES & COMMENTS:

Mode: Road Tube Counter

Duration: Monday, 4/22/24 @ 10:00 AM – Monday, 4/29/24 @ 10:00 AM

Date & Time Placed: Monday, 4/22/24 @ 9:30 AM

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



LOCATION	Catherine St W of Monroe St
DATE	7/31/2024
SCALE	1" = 50'

1 : 600 (1" = 50')

