

- Osborne Street

Location: 2409 Osborne St
 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	359	34	385	32
4/24/2024 Wed	349	34	413	32
4/25/2024 Thu	356	34	416	33
4/26/2024 Fri	408	34	432	33
4/27/2024 Sat	290	32	338	31
4/28/2024 Sun	277	35	278	33
4/29/2024 Mon	371	36	394	33

Table 3 Osborne St Directional Counts and 85th Percentile Speed

Table 3 presents the directional counts and 85th percentile speed for each day. An analysis of the daily speeds revealed a consistent pattern of vehicles exceeding or equal to 35 mph on Sunday and Monday in eastbound direction.

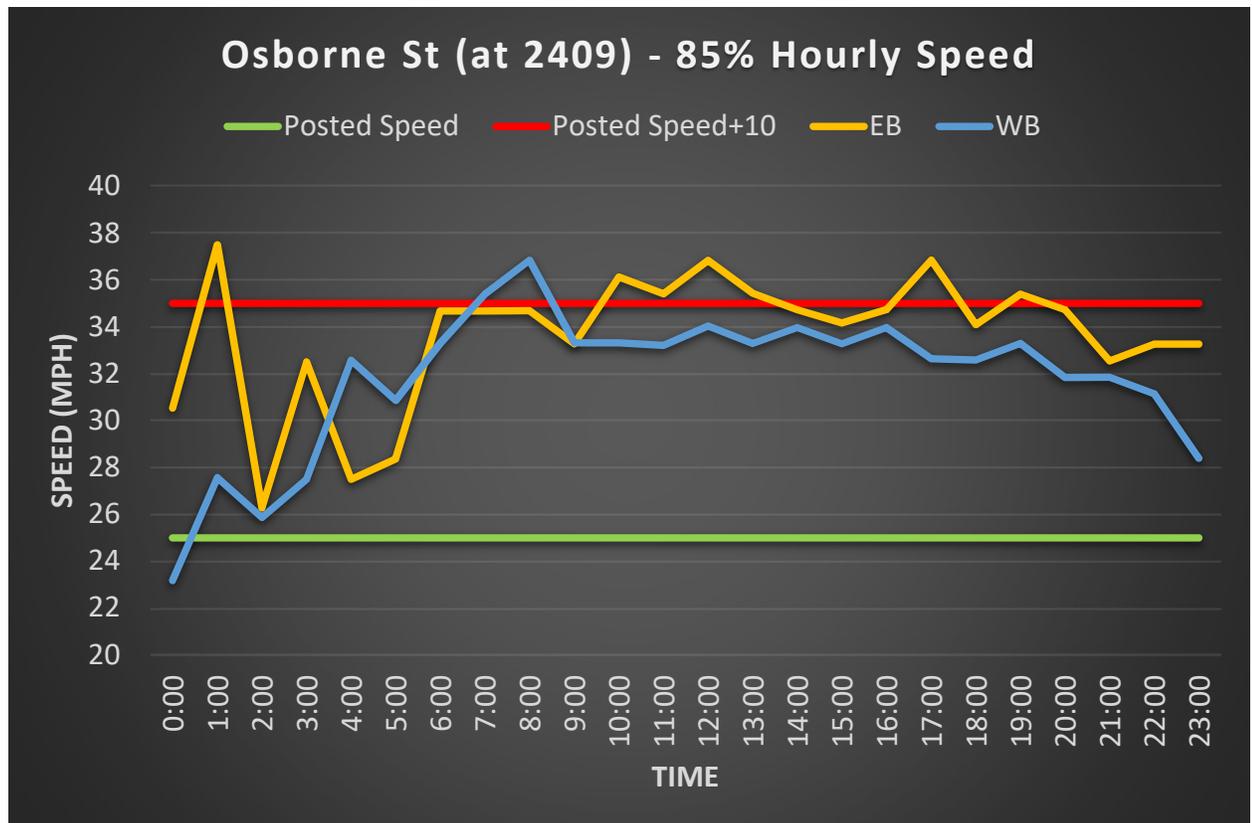


Figure 3 Osborne St 85% Hourly Speed

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 there is a significant speeding trend between 10 AM and 2 PM and during select hours in the eastbound direction. Furthermore, in the westbound direction, a speeding trend is observed during the morning hours from 7 to 9 AM.

Conclusion:

After analyzing the speed data collected over seven days, a notable speeding pattern was identified in the hourly and daily speed for the 85th percentile, particularly in the eastbound direction. In accordance with the criteria delineated in the Bristol VA Traffic Calming Guide, it has been concluded that Osborne St, between Gate City Highway and Page Street, meets the requirements for implementing traffic calming measures.

Recommendation:

The City recommends the installation of speed feedback signs (*Figure 4*) in both directions, which will remain until the following speed study. Another speed study will be conducted by the City, likely in early October 2024, once the Hard Rock and Bristol Casino are fully operational. The specific locations for installing the speed feedback signs need to be determined.

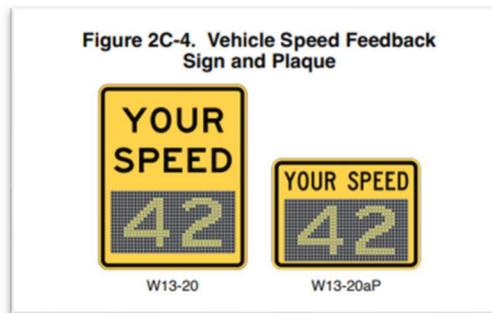


Figure 4 MUTCD Vehicle Speed Feedback Sign

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 @ 10:30
Date & Time Removed: Tuesday, 4/30/24



LOCATION	Osborne St W of Westfield St
DATE	7/31/2024
SCALE	1" = 50'

