



Staff Report

Subject: Westrun Drive and Marsten Court Stop Sign Request

Department/Program: Police Department

Explanation:

A request was made to install stop signs at the three-way intersection of Westrun Drive and Marsten Court. Traffic Data from the area does not justify the installation of the stop signs. Staff is not recommending the installation of the signs.

Recommendation:

A review of traffic crash data for the area of Westrun Drive and Marsten Court reveals no accidents in the past three years. A traffic speed survey was completed on November 20, 2023 which included data from the previous week. The average speed was 25.8 MPH Northbound and 24.8 MPH Southbound. 51.9% of the vehicles were traveling at or below the speed limit and 39.2% were traveling 1 to 5 MPH over the limit (91.1% were within 5 MPH of the limit). Based upon these reasons, this intersection does not meet the requirements for Stop signs based upon the City of Ballwin Stop Sign Installation Policy approved on February 24, 1997. I have attached the report compiled by Traffic Officer Leroy Beard.

Submitted By: Captain John Bergfeld

Date: November 20, 2023



BALLWIN POLICE DEPARTMENT

INTEROFFICE MEMORANDUM

DATE: 11/20/2023

TO: Lt. R. Wetzels, DSN 222

FROM: P.O. L. Beard, DSN 325

SUBJECT: Traffic Study Results for Westrun Drive at Marsten Court

Sir,

On 11/20/2023, I completed my analysis of vehicular traffic on Westrun Drive near Marsten Court utilizing the Armadillo Traffic Tracker. The traffic recorder was installed on a light post on the East side of the road from 11/15/2023 to 11/20/2023. Westrun Drive is a two lane roadway running North and South in the study area, with a speed limit of 25 MPH. Westrun connects Reinke Road to the North and Westglen Village Drive to the South.



The following charts shows the statistics gathered from the traffic recorder:

	North	South
VOLUME	2668	3194
AVERAGE DAILY	567	678
AVERAGE SPEED	25.8 MPH	24.8 MPH

SPEED LIMIT 25 MPH	AMOUNT	PERCENTAGE
AT OR BELOW LIMIT	3042	51.9%
1 TO 5 MPH OVER	2297	39.2%
6 TO 10 MPH OVER	445	7.6%
11 TO 15 MPH OVER	63	1.1%
16 OR MORE OVER	14	0.02%

From this analysis, there appears to be a very minor problem with speeding on this particular roadway. A vast majority of the motorists were at or near the speed limit during this study. Of the top 27 speed violations, 26 of them were from northbound traffic. Those violations were scattered in their timeframe, but there was a cluster around the lunchtime hours of 1130-1230 hours, along with some during the morning and evening rushes. Compared to a study conducted in the same spot from October of 2022, the volume of traffic has increased by roughly 24% and the average speeds have dropped significantly in both directions (by 0.7 MPH for NB traffic and by 1.9 MPH for SB traffic).

I would not recommend the patrol units spend any time on traffic surveys in this area due to the low number of violators. However I, the traffic safety unit, will perform a few surveys in this area over the next week.

All the raw data has been saved and can be accessed using the Houston Radar Stats Analyzer for further review if needed.

Respectfully submitted,

P.O. L. Beard, DSN 325