



Traffic Analysis Report 2023-002

SE 43rd Street west of Somerset Boulevard SE

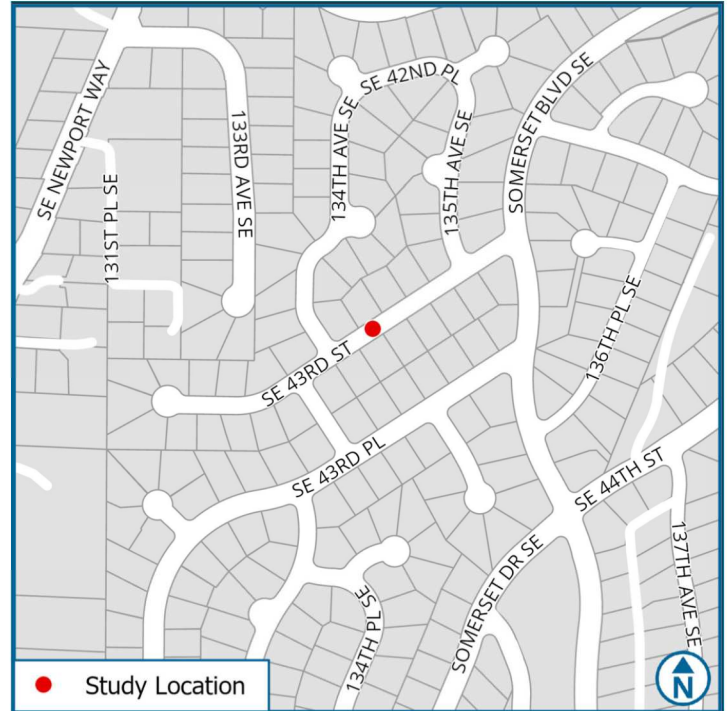


December 2023

Thank you for contacting the City of Bellevue with your concerns about vehicle speeds on SE 43rd Street.

After conducting a field review and speed and volume studies at the requested location, we have compiled the data and our recommendations into this Traffic Analysis Report.

Please review the summary of findings and our recommendations on the next pages.



You specifically were concerned about vehicle speeds on SE 43rd Street west of Somerset Boulevard SE.

Our findings include:

- Based on the recorded speed and volumes on the street, we do not recommend moving forward with physical measures, such as speed humps.
- Physical measures such as speed humps are limited to streets where the majority of motorists are exceeding the speed limit by 10 mph. Also, our guidelines for physical measures apply to streets with average daily volumes of at least 300 vehicles.
- We recommend you utilize our yard signs or radar dolly to help encourage motorists to respect the speed limit. We encourage you to speak with your neighbors about the included education program recommendations. If you and your neighbors would like to move forward with these programs, please contact me at lpavletich@bellevuewa.gov or at 425-452-4636.

Summary of Findings

Below is a summary of the data we collected on SE 43rd Street west of Somerset Boulevard SE 9/26/2023-10/02/2023.



Road Characteristics

SE 43rd Street is a residential street approximately 32ft wide. There is sidewalk on the north side of the street.



Residential Street

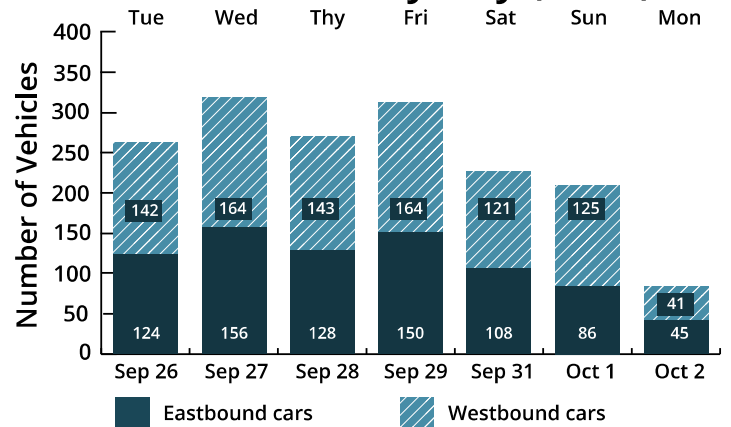
SE 43rd Street is a residential street in Somerset with a speed limit of 25 mph.



Daily Traffic

The mid-week daily average traffic on SE 43rd Street is 256 cars per day. Mid-week average includes data between Tuesday and Thursday for both directions of travel.

Traffic Volume by Day (2023)

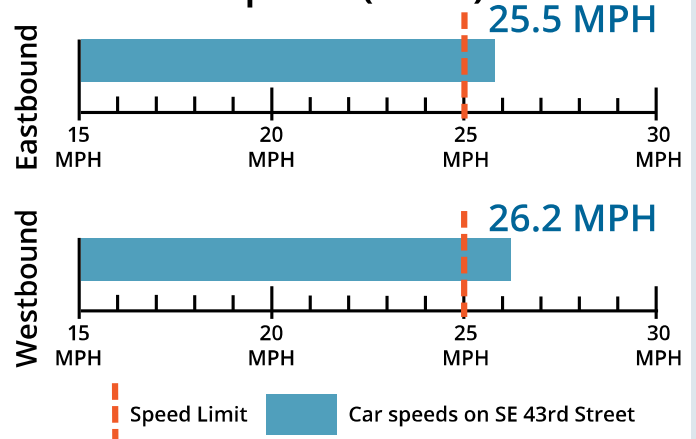


Speed Study

When measuring vehicle speed, we use a metric called the 85th percentile speed. This speed, shown to the right, represents the speed at which 85% of all vehicles recorded are traveling at or below during our speed study.

SE 43rd Street had an 85th percentile speed of 25.5 MPH in the eastbound and 26.2 MPH in the westbound direction.

Vehicle Speed (2023)



Collision History

A three-year collision study was conducted on SE 43rd Street west of Somerset Boulevard SE.

FINDINGS: There were no reported collisions.

Summary of Recommendations

Below are our recommendations for SE 43rd Street based on the field reviews, data collection, and analysis. More detail on these recommendations are outlined in the Residential Traffic Guidebook (BellevueWA.gov/ResidentialTrafficGuidebook). By educating the community and encouraging safe driving, we can begin to change driver behavior and reduce vehicle speeds.



Educate the Community



Reduce Excessive Vehicle Speeds



Improve Pedestrian and Bicycle Safety

Traffic Safety Yard Signs



We have yard signs available in four different messages: Drive Like You Live Here, Eyes On the Road, Slow Down/Kids Live Here, and Slow Down/Set the Pace. If you would like to order any of these signs, please submit this form BellevueWA.gov/YardSigns indicating which two signs you would like to request. Staff may contact you to coordinate delivery and installation.⁷



Radar Dolly



You can borrow and place a radar dolly on your street for up to two weeks. This unit gives motorists feedback on the speed at which they are driving on a digital reader board, encouraging them to obey the speed limit. Should you like to borrow the radar dolly, please sign up on BellevueWA.gov/RadarDolly. Once we receive a request, city staff will contact you to make arrangements for both the drop-off and pick-up of the radar dolly at your home.



Vision Zero



Bellevue's Vision Zero initiative reflects the city's commitment to reduce traffic deaths and serious injury

collisions on city streets to zero by the year 2030. In 2015, the city council passed a resolution providing a framework to achieve this goal. It states "the life, safety and health of residents, employees and visitors to Bellevue is the city council's highest priority."

By participating in one of the recommendations, previous page, you are helping the City of Bellevue in our efforts to make our streets safer for everyone.

More Information

Find out more about these recommendations in our Residential Traffic Guidebook or by visiting the Neighborhood Traffic Safety Services website.

GUIDEBOOK:

BellevueWA.gov/ResidentialTrafficGuideBook

WEBSITE:

BellevueWA.gov/NTSS

Contact Information

Neighborhood Traffic Safety Services
Transportation Department
City of Bellevue

425-452-6457

bellevuentss@bellevuewa.gov

BellevueWA.gov/NTSS

Information

정보  情報
सूचना  資料

425-452-6800

సమాచారం Thông Tin
Información معلومات
اطلاعات Информация



For alternate formats, interpreters, or reasonable modification requests please phone at least 48 hours in advance 425-452-4636 (voice) or email lpavletich@bellevuewa.gov. For complaints regarding modifications, contact the City of Bellevue ADA, Title VI, and Equal Opportunity Officer at ADATitleVI@bellevuewa.gov.