



# Traffic Analysis Report 2023-003

## NE 1st Street west of 100th Avenue NE



December 2023

Thank you for contacting the City of Bellevue with your concerns about vehicle speeds on NE 1st 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 NE 1st Street west of 100th Avenue NE.

### 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.

- 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](mailto:lpavletich@bellevuewa.gov) or at 425-452-4636.

# Summary of Findings

Below is a summary of the data we collected on NE 1st Street west of 100th Avenue NE from 11/14/2023-11/20/2023.



## Road Characteristics

NE 1st Street is a residential street approximately 27ft wide. There is a sidewalk on the south side of the street and parking on the north side of the street.



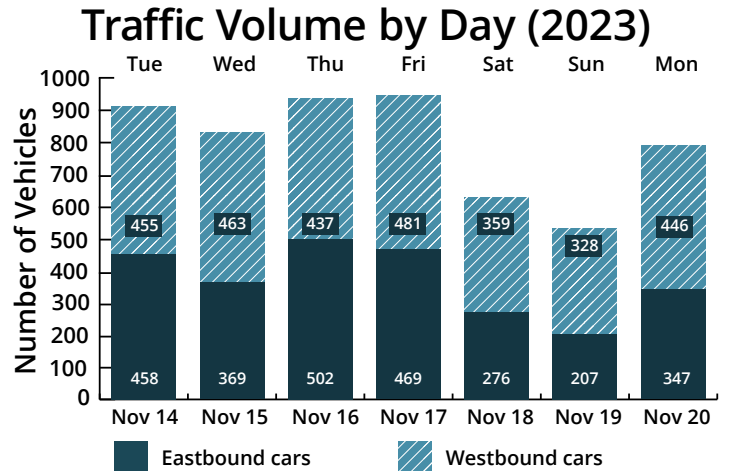
## Residential Street

NE 1st Street is a residential street in Northwest Bellevue with a speed limit of 25 mph.



## Daily Traffic

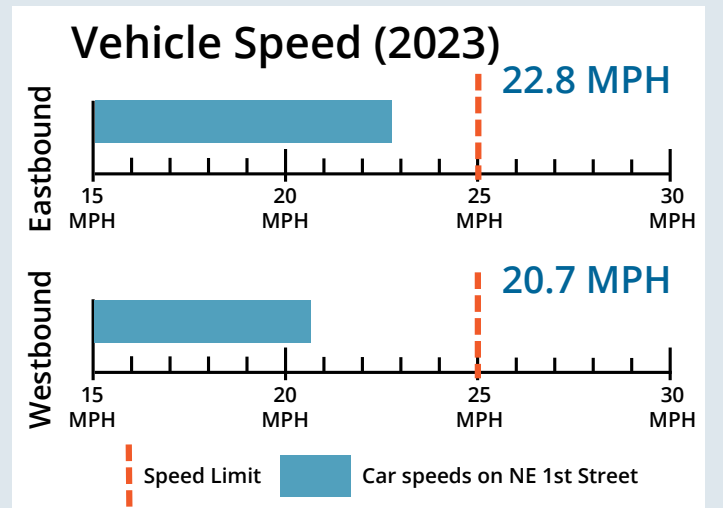
The mid-week daily average traffic on NE 1st Street is 895 cars per day. Mid-week average includes data between Tuesday and Thursday for both directions of travel.



## 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.

NE 1st Street had an 85th percentile speed of 22.8 MPH in the eastbound and 20.7 MPH in the westbound direction.



## Collision History

A three-year collision study was conducted on NE 1st Street west of 100th Avenue NE.

**FINDINGS:** There were no reported collisions.

# Summary of Recommendations

Below are our recommendations for NE 1st 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](http://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](http://BellevueWA.gov/YardSigns) indicating which two signs you would like to request. Staff may contact you to coordinate delivery and installation.



## Radar Dolly



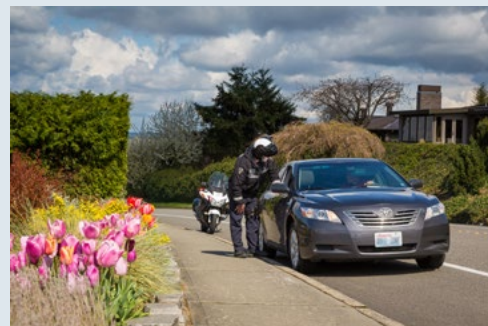
You can borrow and place a radar dolly on your street for up to two weeks. This unit gives motorists feedback on the speed at which they are driving on a digital reader board, encouraging them to obey the speed limit. Should you like to borrow the radar dolly, please sign up on [BellevueWA.gov/RadarDolly](http://BellevueWA.gov/RadarDolly). 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.



## Traffic Enforcement



The Transportation Department works closely with the Bellevue Police Department to enforce speed limits and other traffic laws in neighborhoods. Using key traffic data provided by Transportation staff, officers focus their scheduled patrols on the times and places where speeding most often occurs. Typically, targeted enforcement occurs during a one-week timeframe. Enforcement is also available by request. To request enforcement, go to [BellevueWA.gov/tsr](http://BellevueWA.gov/tsr) or call 425-577-5656.



## 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](http://BellevueWA.gov/ResidentialTrafficGuideBook)

**WEBSITE:**

[BellevueWA.gov/NTSS](http://BellevueWA.gov/NTSS)

## Contact Information

Neighborhood Traffic Safety Services  
Transportation Department  
City of Bellevue

425-452-6457

[bellevuentss@bellevuewa.gov](mailto:bellevuentss@bellevuewa.gov)

[BellevueWA.gov/NTSS](http://BellevueWA.gov/NTSS)

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Información معلومات  
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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](mailto:lpavletich@bellevuewa.gov). For complaints regarding modifications, contact the City of Bellevue ADA, Title VI, and Equal Opportunity Officer at [ADATitleVI@bellevuewa.gov](mailto:ADATitleVI@bellevuewa.gov).