



Traffic Analysis Report 2024-001

173rd Avenue NE near Tam O'Shanter Park



February 2024

Thank you for contacting the City of Bellevue with your concerns about vehicle speeds on 173rd Avenue NE.

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 173rd Avenue NE.

Our findings include:

- 173rd Avenue NE has SPEED LIMIT 25 signs to notify the motorists of the 25 MPH speed limit. When considering a street for traffic calming measures such as the installation of speed humps, we look at a series of roadway characteristics including vehicle speeds, traffic volumes, reported collisions, proximity to schools, and walkability. When certain thresholds are met that indicate a street would benefit from traffic calming, they get added to a candidate list and ranked based on the data we collected. In 2020, we completed a Traffic Analysis Report for this corridor and the results led to it being placed on this candidate list. Every two years

our staff reviews this list and selects projects that we will be able to move forward with given our available funding. Last year, 173rd Avenue NE, from Northup Way to Redmond city limits, was selected for a traffic calming project. At this time, we are in the preliminary stages of programming a project, so you can expect us to begin outreach to your community this year.

- In the meantime, we recommend you utilize our resources such as speed enforcement, radar dollies, and yard signs. 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 173rd Avenue NE by Tam O'Shanter Park from 12/13/23-12/19/23.



Road Characteristics

173rd Avenue NE is a residential street approximately 28ft wide. There are sidewalk sections and a 4ft shared shoulder on the east side of the street and a 4ft shared shoulder on the west side of the street.



Residential Street

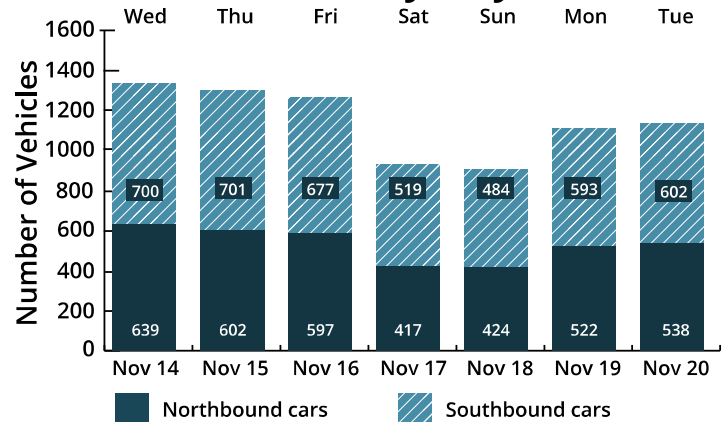
173rd Avenue NE is a residential street in Northeast Bellevue with a speed limit of 25 mph.



Daily Traffic

The mid-week daily average traffic on 173rd Avenue NE is 1,261 cars per day. Mid-week average includes data between Tuesday and Thursday for both directions of travel.

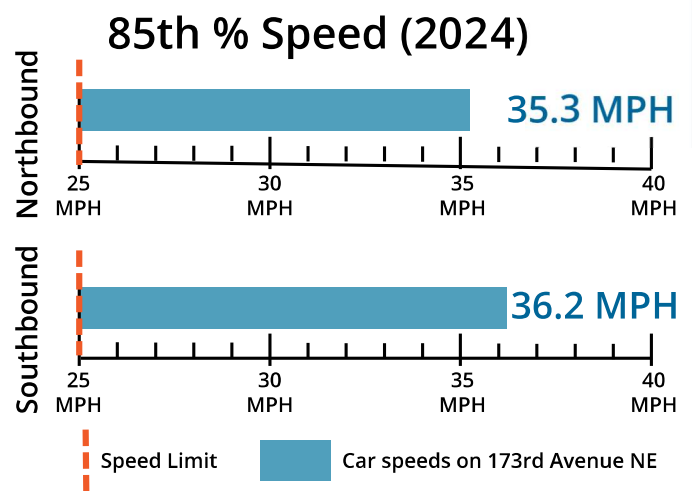
Traffic Volume by Day (2024)



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.

173rd Avenue NE had an 85th percentile speed of 35.3 MPH in the northbound direction and 36.2 in the southbound direction.



Collision History

A three-year collision study was conducted on 173rd Avenue NE between NE 15th Street and NE 18th Place.

FINDINGS: There was one collision reported at the intersection of 173rd Avenue NE and NE 15th Place involving two vehicles.

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). 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.



Radar Dolly



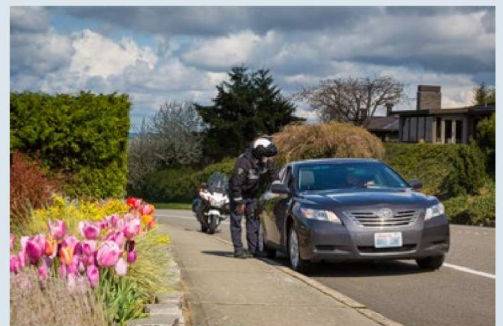
You can borrow and place a radar dolly on your street for up to two weeks. This unit gives motorists feedback on the speed at which they are driving on a digital reader board, encouraging them to obey the speed limit. Should you like to borrow the radar dolly, please sign up on BellevueWA.gov/RadarDolly.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



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 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

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 सूचना 情報 資料

425-452-6800

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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.