



Traffic Analysis Report 2020-017

173rd Avenue NE near Tam O'Shanter Park

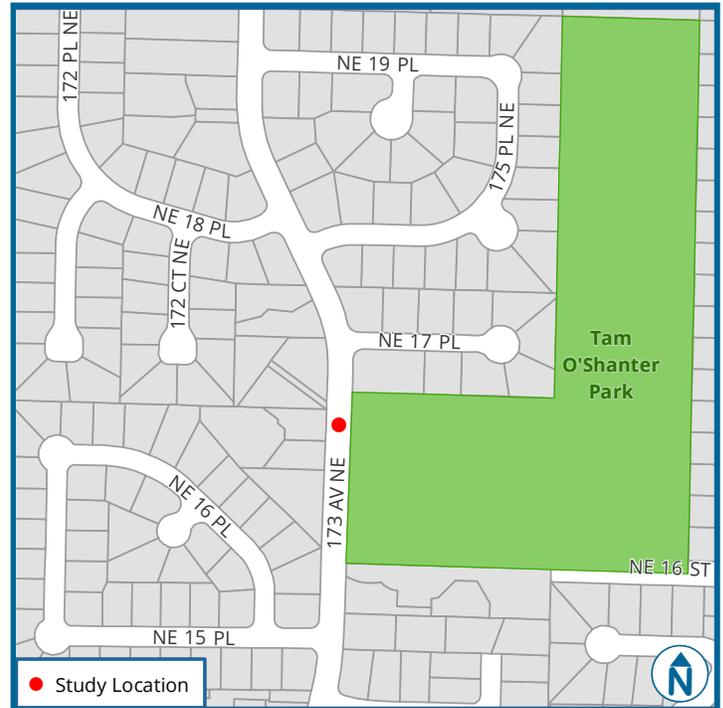


January 2021

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, 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. To address this concern, you suggested speed bumps and radar feedback speed signs.

Our findings include:

- 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. These characteristics are analyzed to determine the location's ranking amongst other candidate locations. Every two years, staff review the list of candidate locations and their ranking to select the projects that will move forward depending on available funding. We have added 173rd Avenue NE to the list for consideration.
- The City of Bellevue also has a stationary radar sign program. This program has a similar format to that

of requests for traffic calming measures, where locations are ranked amongst other candidate locations for stationary radar signs. Projects are selected based on the ranking of the location and available resources for new projects every two years. We have added 173rd Avenue NE to our stationary radar sign candidate location list, and it will be analyzed during our next review period.

- 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 lglas@bellevuewa.gov or at 425-452-2841. We also recommend that you submit an on-line Bellevue Police Traffic Request Form for Speed Enforcement at BellevueWA.gov/TSR or call 425-577-5656.

Summary of Findings

Below is a summary of the data we collected on 173rd Avenue NE 11/18/2020 to 11/24/2020.



Road Characteristics

173rd Avenue NE is a collector arterial approximately 21 ft wide.



Collector Arterial

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

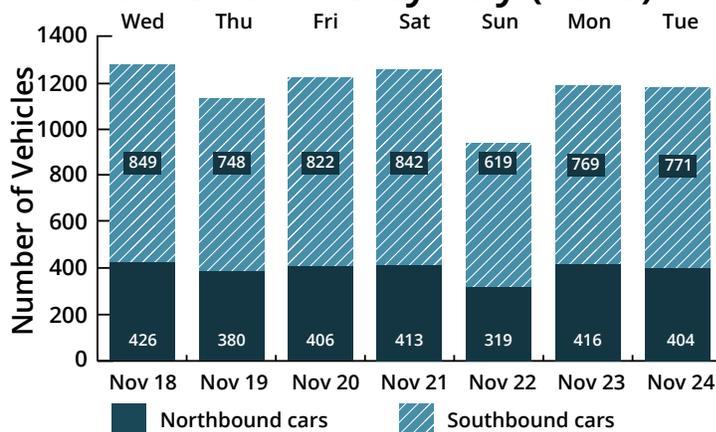


Daily Traffic

The mid-week daily average traffic on 173rd Avenue NE is 1,193 cars per day. Mid-week average includes data between Tuesday and Thursday for both directions of travel.

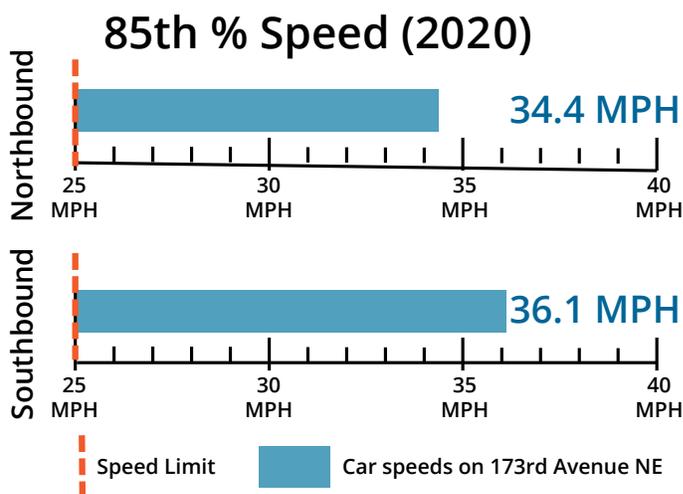
The higher volume of southbound traffic is due to construction work on West Lake Sammamish Parkway. Southbound traffic is detoured at NE 24th Street to 173rd Avenue NE.

Traffic Volume by Day (2020)



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.



Collision History

A three-year collision study was conducted on 173rd Avenue NE from Northup Way to the north city limits.

FINDINGS: There were no reported collisions.

Summary of Recommendations

Below are our recommendations for 173rd Avenue NE 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



This program involves lending communities portable signs that encourage motorists to respect the neighborhood, drive responsibly, and drive 25 mph.

To request signs, go to BellevueWA.gov/YardSigns or call 425-452-6457.



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 request it by calling 425-452-6457 or 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  情報
सूचना  資料
425-452-6800
సమాచారం Thông Tin
Información معلومات
اطلاعات Информация



For alternate formats, interpreters, or reasonable accommodation requests please phone at least 48 hours in advance 425-452-2841 (voice) or email Iglas@bellevuewa.gov. For complaints regarding accommodations, contact City of Bellevue ADA/Title VI Administrator at 425-452-6168 (voice). If you are deaf or hard of hearing dial 711. All meetings are wheelchair accessible.