



Traffic Analysis Report 2019-029

172nd Avenue NE south of NE 8th Street



January 2020

The City of Bellevue was recently contacted about a concern with high vehicle speeds on 172nd Avenue NE in your neighborhood.

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 recommendation on the next pages.



You specifically were concerned about high vehicle speeds on 172nd Avenue NE south of NE 8th Street.

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.
- 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 one of these programs, please contact me at lglas@bellevuewa.gov or at 425-452-2841.

Summary of Findings

Below is a summary of the data we collected on 172nd Avenue NE south of NE 8th Street from 11/12/2019 to 11/18/2019



Road Characteristics

172nd Avenue NE is a residential street approximately 32 ft wide. Residents can park on both sides of the street.



Residential Street

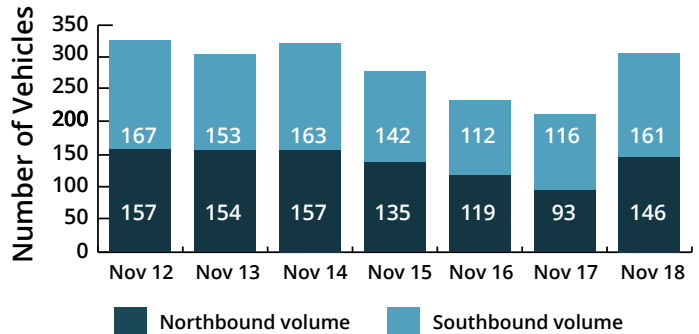
172nd Avenue NE is a residential street in the Northeast Bellevue neighborhood of Bellevue with a speed limit of 25 mph.



Daily Traffic

The mid-week daily average traffic on 172nd Avenue NE is 317 cars per day. Mid-week average includes data between Tuesday and Thursday for both directions of travel.

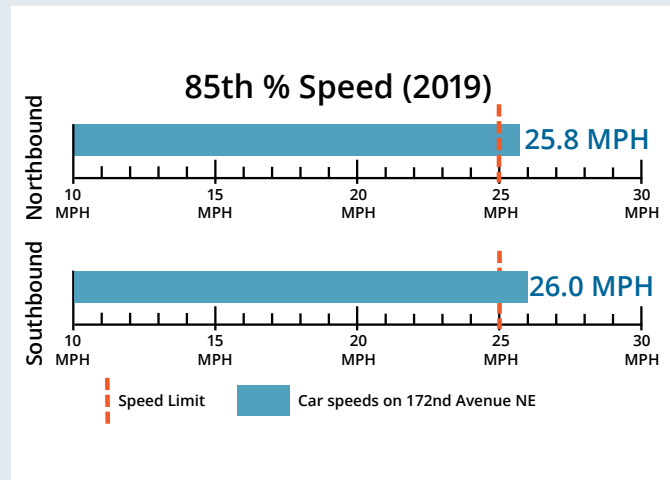
Traffic Volume by Day (2019)



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.

FINDINGS: Physical measures such as speed humps are limited to streets where the majority (85%) of motorists are exceeding the posted speed limit by 10 mph. These guidelines were established based on the impact these measures have on emergency response.



Collision History

A three-year collision study was conducted on 172nd Avenue NE between NE 8th Street and 172nd Place NE.

FINDINGS: There were no reported collisions.

Summary of Recommendations

Below are our recommendations for 172nd Avenue NE south of NE 8th 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



This program involves lending communities portable signs that encourage motorists to respect the neighborhood, drive responsibly, and drive 25 mph. The signs are moved by community volunteers from place to place throughout the neighborhood every few days.



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.



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.