



Traffic Analysis Report 2022-001

NE 24th Street west of 112th Avenue NE

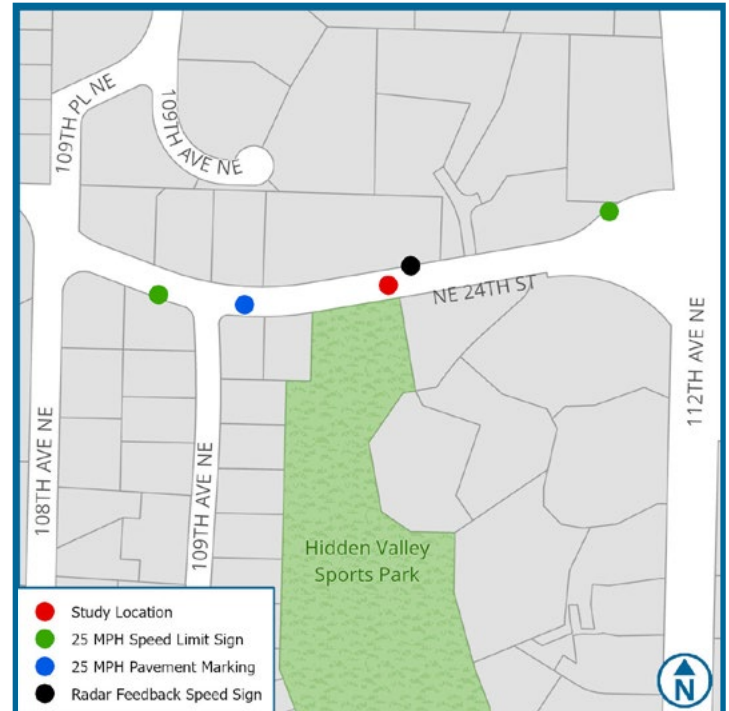


April 2022

Thank you for contacting the City of Bellevue with your concerns about vehicle speeds on NE 24th Street.

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 NE 24th Street. To address this concern, you suggested speed bumps.

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 NE 24th Street to the list for consideration.

- We recommend you utilize our yard signs 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 this program, 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 NE 24th Street 2/8/2022 to 2/14/2022.



Road Characteristics

NE 24th Street is a collector arterial approximately 24 ft wide. There is a sidewalk on the south side of the street.



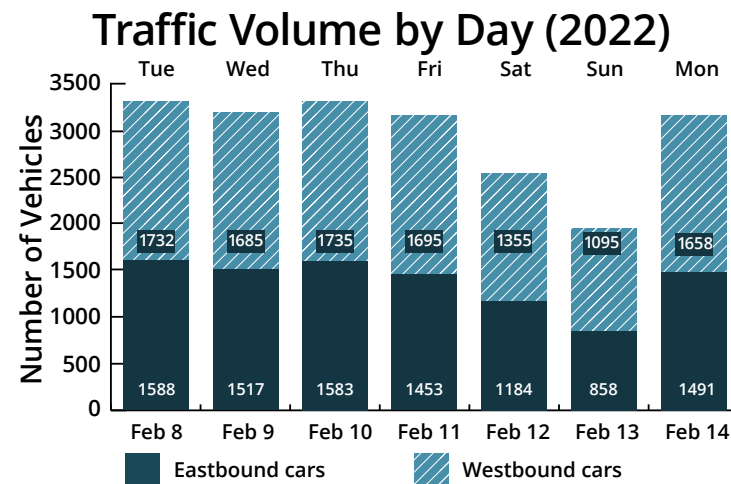
Collector Arterial

NE 24th Street is a collector arterial in Northwest Bellevue with a speed limit of 25 mph.



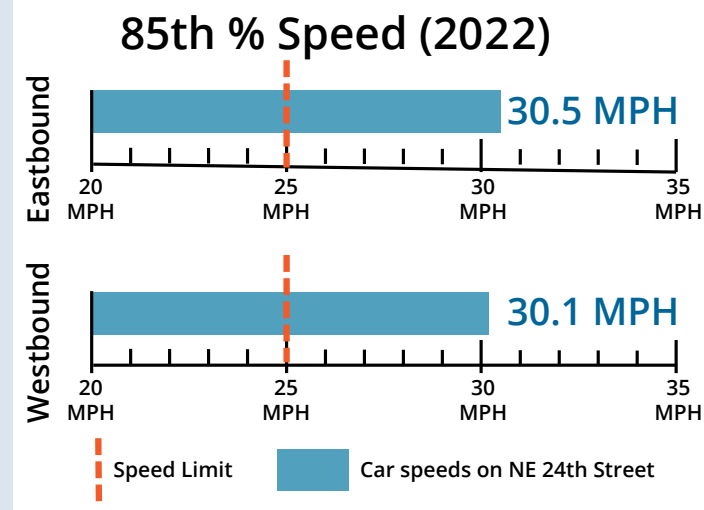
Daily Traffic

The mid-week daily average traffic on NE 24th Street is 3,280 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.



Collision History

A three-year collision study was conducted on NE 24th Street from 109th Avenue NE to 112th Avenue NE.

FINDINGS: There was one reported collision.

Summary of Recommendations

Below are our recommendations for NE 24th 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.

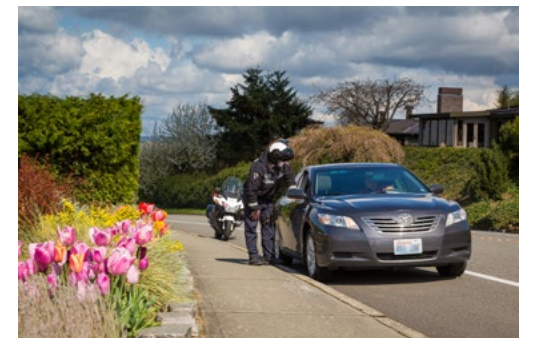
To request signs, go to BellevueWA.gov/YardSigns or call 425-452-6457.



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.