



Traffic Analysis Report 2019-016

SE 11th Street east of 156th Avenue SE

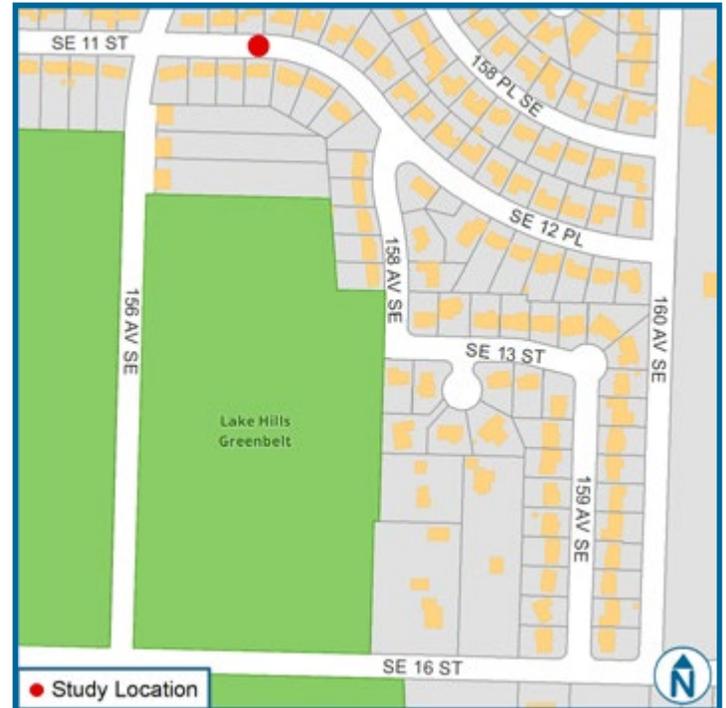


December 2019

The City of Bellevue was recently contacted about a concern with high vehicle speeds on SE 11th Street 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 vehicle speeds on SE 11th Street east of 156th Avenue SE.

To address this concern, you suggested the following:

Speed humps or a traffic circle on SE 11th Street between 156th Avenue SE and 160th Avenue SE.

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 or a traffic circle.
- There is a School Zone on 160th Avenue SE adjacent to Phantom Lake Elementary School and Tillicum Middle School. The City of Bellevue does not install “Children at Play” signs because they do not increase a driver’s attention to the point of reducing vehicle speeds or reducing pedestrian accidents. In fact,

placement of these signs can increase the potential for accidents by conveying to children and parents a sense of a protected area, which does not exist and cannot be guaranteed.

- Traffic Engineering is further reviewing the intersection of 158th Avenue SE and SE 11th Street/ SE 12th Place and will share their findings with you. Joe Granger is the staff member reviewing this location, and he can be reached at 425-452-4499.
- 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 SE 11th Street east of 156th Avenue SE from 9/17/2019 to 9/23/2019



Road Characteristics

SE 11th Street is a residential street approximately 32 ft wide. Residents can park on both sides of the street.



Residential Street

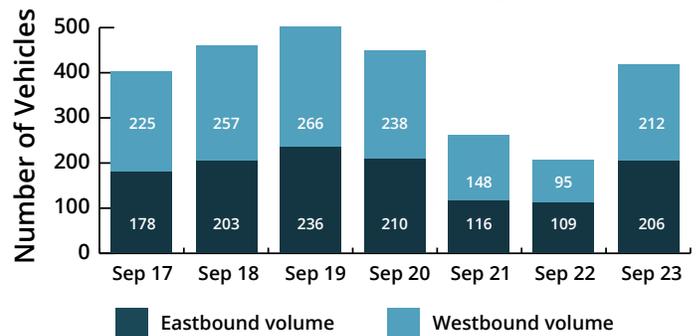
SE 11th Street is a residential street in the Lake Hills neighborhood of Bellevue with a speed limit of 25 mph.



Daily Traffic

The mid-week daily average traffic on SE 11th Street is 455 cars per day. Mid-week average includes data between Tuesday and Thursday for both directions of travel.

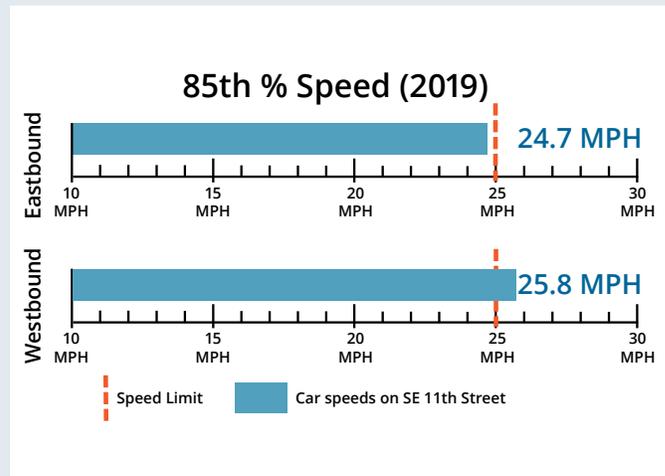
Traffic Volume by Day (2019)



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: You requested the installation of speed humps on SE 11th Street. 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 SE 11th Street/SE 12th Place between 156th Avenue SE and 160th Avenue SE and on 158th Avenue SE between SE 11th Street/SE 12th Place and SE 13th Street.

FINDINGS: There were no reported collisions.

Summary of Recommendations

Below are our recommendations for SE 11th Street east of 156th Avenue SE 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



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.