



# Traffic Analysis Report 2021-012

## 117th Avenue SE between SE 56th Street and SE 52nd Street



November 2021

Thank you for contacting the City of Bellevue with your concerns about vehicle speeds and cut-through traffic on 117th Avenue SE.

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 and cut-through traffic on 117th 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.
- Physical measures such as speed humps are limited to streets where the majority of motorists are exceeding the speed limit by 10 mph.
- 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](mailto:lglas@bellevuewa.gov) or at 425-452-2841.

# Summary of Findings

Below is a summary of the data we collected on 117th Avenue SE between SE 52nd Street and SE 54th Place from 10/19/2021 to 10/25/2021.



## Road Characteristics

117th Avenue SE is a residential street ranging from 28 ft to 32 ft wide.



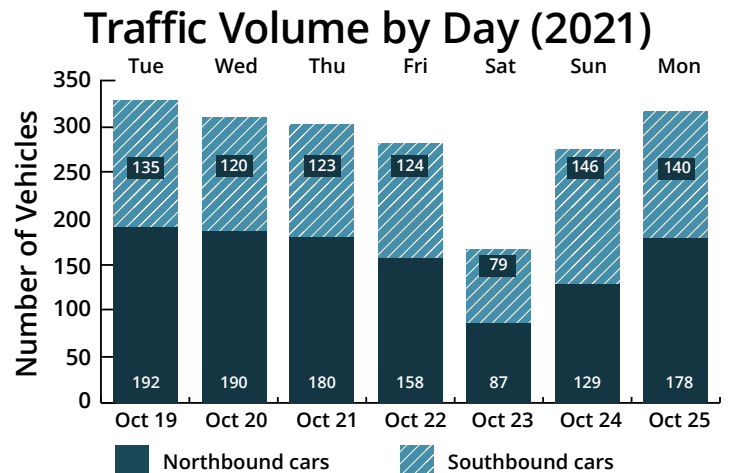
## Residential Street

117th Avenue SE is a residential street in Newport with a speed limit of 25 mph. There are also "SPEED LIMIT 20 WHEN CHILDREN ARE PRESENT" signs in the school zone.



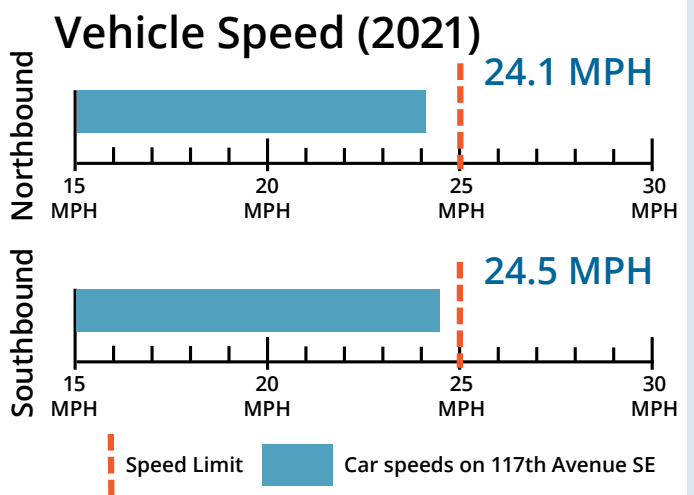
## Daily Traffic

The mid-week daily average traffic on 117th Avenue SE is 313 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 117th Avenue SE from SE 52nd Street to SE 56th Street.

**FINDINGS:** There were no reported collisions.

# Summary of Recommendations

Below are our recommendations for 117th 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](https://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](https://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](https://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](http://BellevueWA.gov/ResidentialTrafficGuideBook)

### WEBSITE:

[BellevueWA.gov/NTSS](http://BellevueWA.gov/NTSS)

## Contact Information

Neighborhood Traffic Safety Services  
Transportation Department  
City of Bellevue

425-452-6457

[bellevuentss@bellevuewa.gov](mailto:bellevuentss@bellevuewa.gov)

[BellevueWA.gov/NTSS](http://BellevueWA.gov/NTSS)

**Information**

정보  情報  
सूचना  資料

**425-452-6800**

సమాచారం Thông Tin  
Información معلومات  
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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](mailto: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.