

Study Update

140th Ave and 148th Ave Intersections Study



May 2019

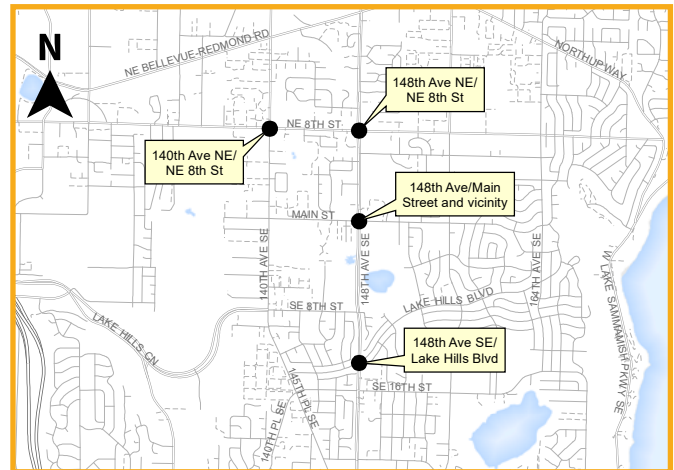
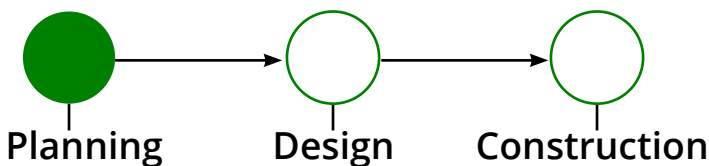
Four intersections evaluated

The Transportation Department has analyzed traffic conditions at the following four intersections and developed designs to improve traffic flow. The intersections were evaluated based on the predicted traffic volumes in the year 2035. Further details, including graphics, are described on the inside pages.

- 140th Ave NE and NE 8th St intersection
- 148th Ave NE and NE 8th St intersection
- 148th Ave and Main St intersection and vicinity
- 148th Ave SE and Lake Hills Blvd intersection

Study schedule

The 140th Avenue and 148th Avenue Intersections Study began in November 2018 and is one of several Neighborhood Congestion Reduction studies. The results of these studies are expected to be completed by June and the associated projects will be compared with other congestion relief projects to prioritize which should advance to design and construction as funding becomes available.



Public feedback welcomed

Public feedback is vital to developing a final design recommendations report which is also slated for completion in June 2019. Please provide comments and questions regarding the proposed alternatives to the following staff by Friday, June 7, 2019.

- Jun An, project manager
425-452-4230 | jan@bellevuewa.gov
- Darcy Akers, transportation engineer
425-452-6140 | dakers@bellevuewa.gov

Study funding

The Neighborhood Congestion Reduction Program is a new program funded by the 20-year Neighborhood Safety, Connectivity and Congestion Levy approved by voters in 2016. The program targets small- to medium-sized projects that improve capacity and reduce congestion on the streets leading to and from residential neighborhoods. The budget for the 140th Avenue and 148th Avenue Intersections Study is approximately \$126,000.

Information

정보 सूचना  情報 資料

425-452-6800

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Información معلومات
اطلاعات Информација

 For alternate formats, interpreters, or reasonable accommodation requests please phone at least 48 hours in advance 425-452-2064 (voice) or email mjensen@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.

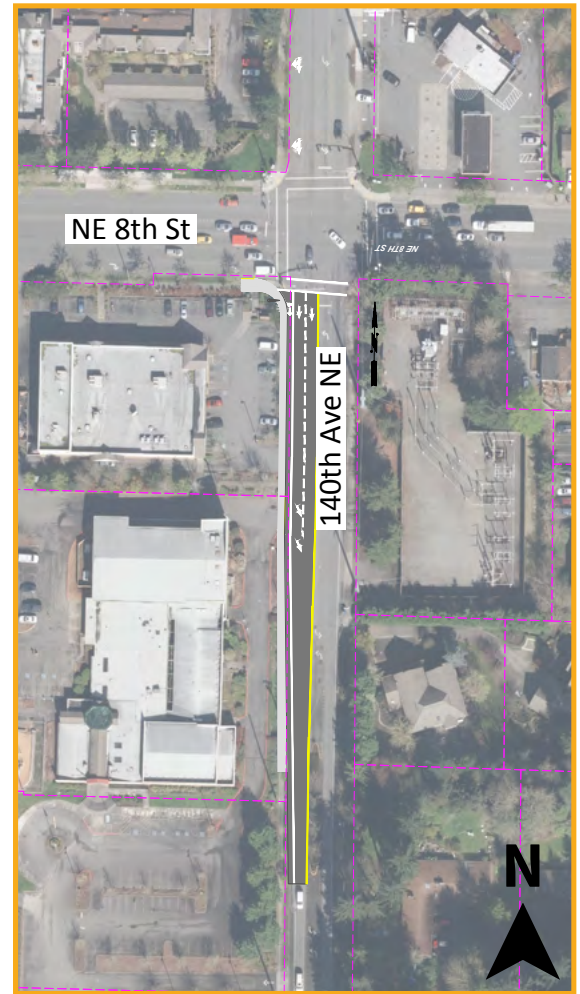
140th Ave NE and NE 8th St Intersection

Purpose of study:

To address concerns of northbound and southbound queuing and delay. Currently at this intersection, there is only one northbound through lane and one southbound through lane. The southbound lane backs up significantly in the evening peak hours.

Proposed alternative:

Convert the southbound right turn pocket into a shared through-right lane and widen south of the intersection to add a receiving lane. This would increase the southbound capacity of the intersection and reduce the bottleneck.



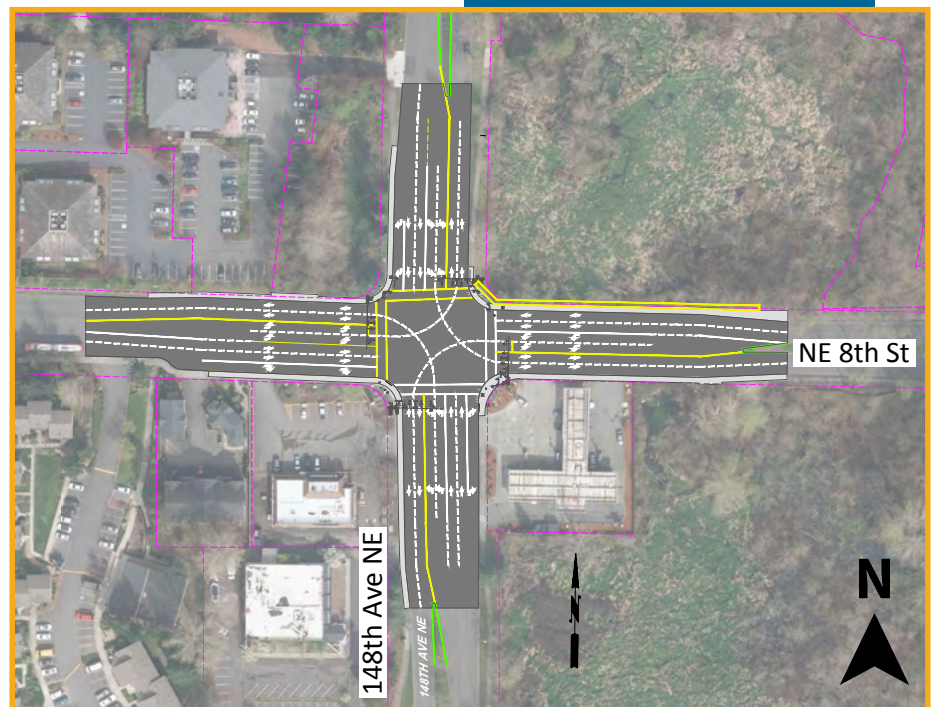
148th Ave NE and NE 8th St Intersection

Purpose of study:

To address congestion concerns for all approaches in the evening peak hours. The study aims to understand the cost versus benefit of adding dual left turn pockets in the east-west direction, north-south direction, or all directions.

Proposed alternative:

The traffic analysis shows that adding dual lefts turn pockets in all directions provides the most benefit. However, depending on available funding, the improvement could be implemented in phases. If done in phases, the analysis showed the northbound and southbound dual left pockets would provide higher benefit to cost than the eastbound and westbound pockets. An upcoming signal maintenance project will be replacing the signal infrastructure and would accommodate this future widening.



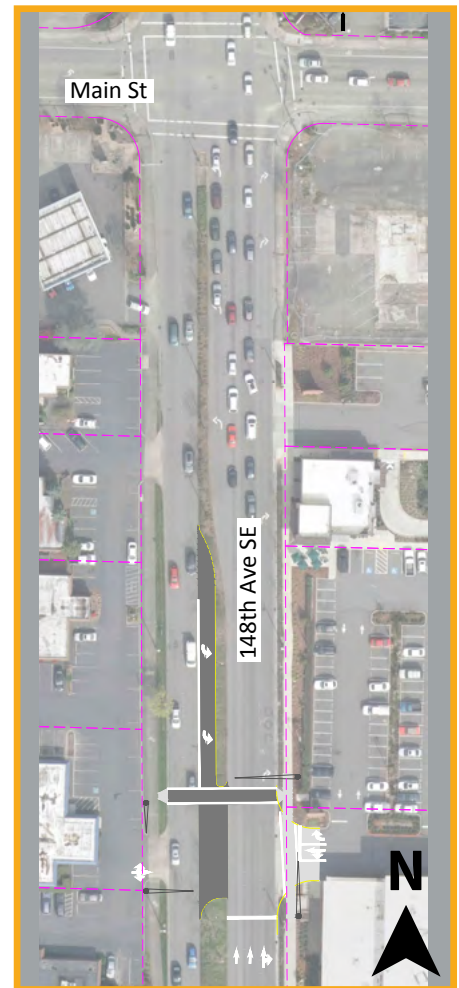
148th Ave and Main St Vicinity

Purpose of study:

To address queuing along Main Street and congestion at the intersection of 148th Avenue and Main Street throughout the day.

Proposed alternative:

Modify the driveway at the south end of the Kelsey Creek Shopping Center to allow left turn access off 148th Avenue SE into and out of the shopping center and install traffic signal. By increasing access along 148th Avenue SE, traffic would be diverted from the shopping center driveways on Main Street, resulting in a reduction in vehicle delay at the intersection of 148th Avenue and Main Street.



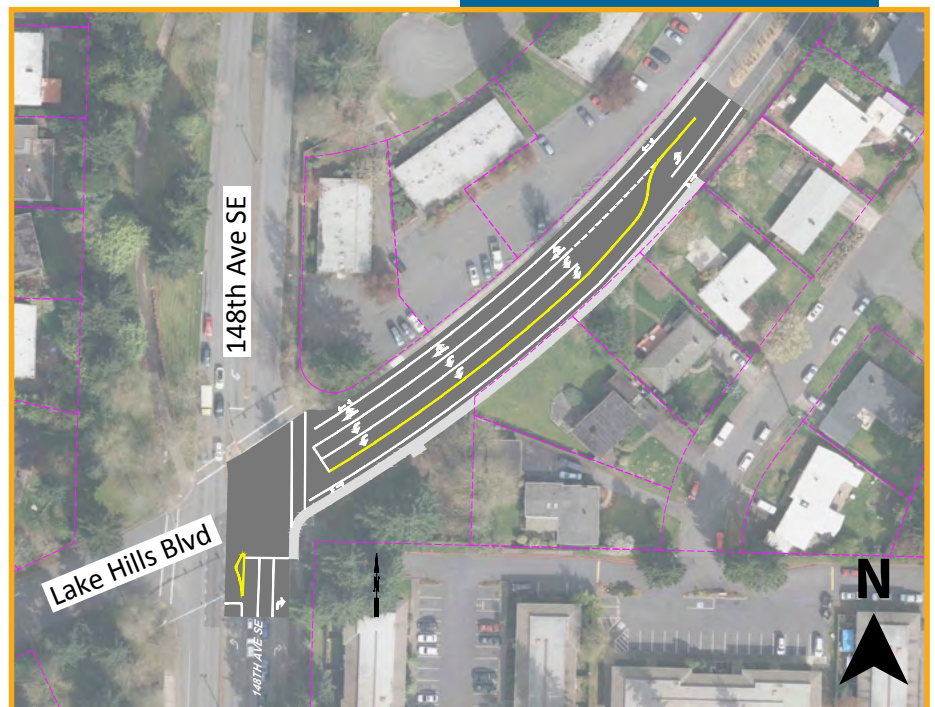
148th Ave SE and Lake Hills Blvd Intersection

Purpose of study:

To address queuing and delays for left turns from westbound Lake Hills Blvd to southbound 148th Avenue SE in both the morning and evening peak.

Proposed Alternative:

Widen the westbound approach from two lanes to three lanes and change the configuration to two left-turn lanes and one through/right lane. Traffic analysis showed this would increase capacity and would allow for traffic signal timing modifications that would improve operations overall.



To view larger images and more information, go to: BellevueWA.gov/transportationlevy
Please provide comments and questions about the proposed alternatives by Friday, June 7, 2019 to:

- Jun An, project manager | 425-452-4230 | jan@bellevuewa.gov
- Darcy Akers, transportation engineer | 425-452-6140 | dakers@bellevuewa.gov



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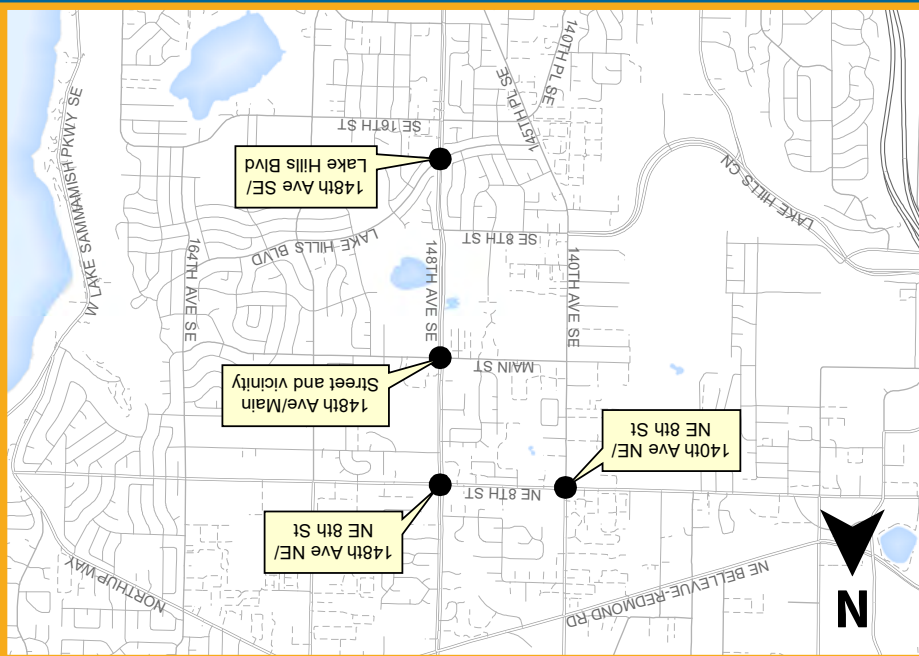
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Neighborhood Congestion Reduction Study

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140th Ave and 148th Ave
 Intersections Study

140th Ave and 148th Ave Intersections Study
 Vicinity Map



Feedback welcomed.
 Please email us by
 June 7, 2019.

Neighborhood Congestion Reduction Study