

A photograph of a residential street. A white SUV is driving on the road. A yellow diamond-shaped sign with the words "SPEED BUMP" is mounted on a metal pole. The background shows trees and a clear blue sky. A yellow banner is overlaid on the left side of the image.

# Woodridge Neighborhood Traffic Committee Meeting #4

Tuesday, November 13, 2018  
6:00-7:30 p.m.  
Woodridge Elementary  
School Library

# Project scope

- Develop tools that will discourage commuter traffic from using neighborhood streets
- Focused on evening commuter traffic volume on primary routes through neighborhood
- Not an all the time or every day problem; confined to evening commute a few days a week

# Agenda

- Review community feedback received
- Conversation about committee experiences
- Traffic study analysis
- Next steps

# Meeting Goal

- Determine the next steps for the pilot (pilot slated to end December 31)
  - Keep as-is
  - Modify
  - Remove entirely

# Project schedule

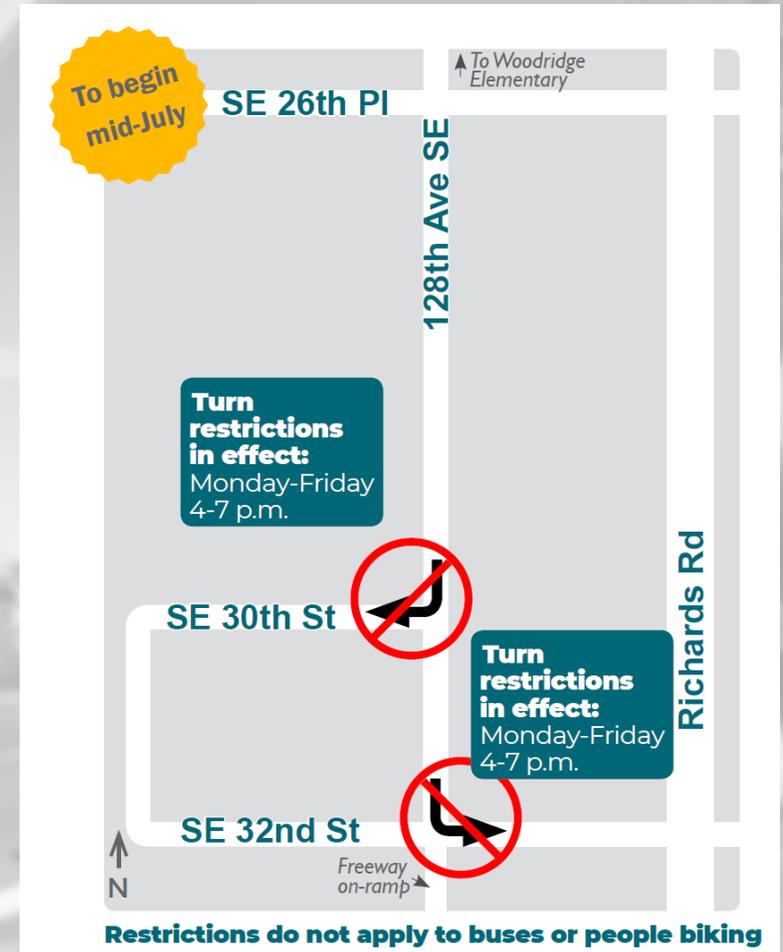
Spring 2017	Summer 2017	Fall 2017	Winter 2018	Summer 2018	Fall 2018	Winter 2018
<ul style="list-style-type: none"> <li>✓ Pre-meeting survey</li> <li>✓ Community meeting</li> </ul>	<ul style="list-style-type: none"> <li>✓ Kick-off traffic committee meeting</li> <li>✓ Staff make initial recommendation based on Committee feedback</li> </ul>	<ul style="list-style-type: none"> <li>✓ Share recommendation with Committee</li> <li>✓ Finalize plan</li> </ul>	<ul style="list-style-type: none"> <li>✓ All-way stop installed</li> </ul>	<ul style="list-style-type: none"> <li>✓ Implementation of turn restrictions</li> </ul>	<ul style="list-style-type: none"> <li>✓ Traffic study</li> <li>✓ Collect community feedback</li> </ul>	<ul style="list-style-type: none"> <li>Pilot to end (Dec 31)</li> </ul>

# The Plan

- Residential area signs at entrances
- Marked crosswalks at 128<sup>th</sup> Ave SE/SE 26<sup>th</sup> Pl
- All-way stop at 128<sup>th</sup> Ave SE/SE 26<sup>th</sup> Pl
- “Do not block driveway” signs
- Turn restriction at 128<sup>th</sup> Ave SE/SE 32<sup>nd</sup> St
- Turn restriction at 128<sup>th</sup> Ave SE/SE 30<sup>th</sup> St
- Richards Rd signal optimization

# Turn restrictions

- Installed Wednesday, July 11
- Pilot project to end of year to:
  - Evaluate traffic impacts
  - Gather community feedback



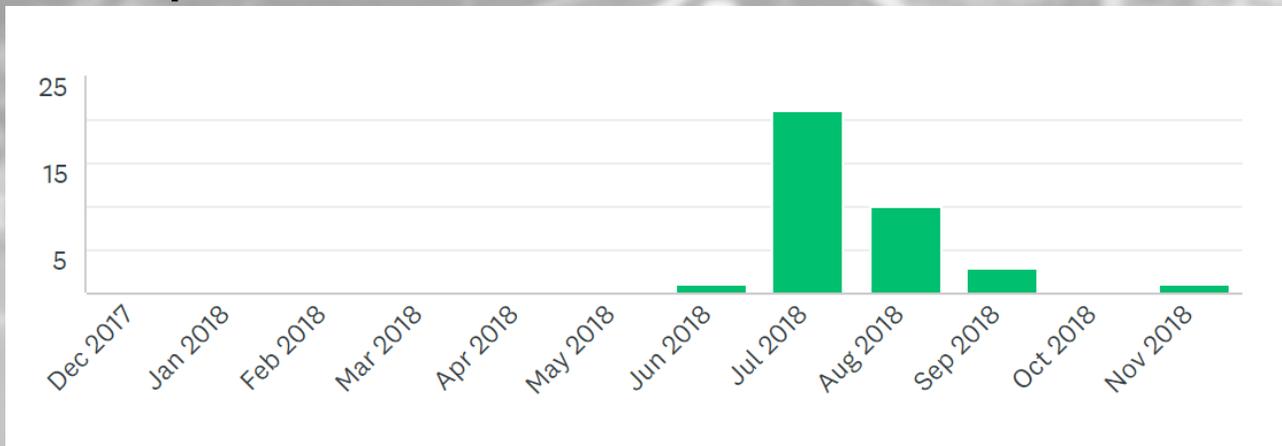
# Lessons learned from Bellecrest

- Two time-based turn restrictions implemented in response to East Link construction activity
- Pilot has been extended to end of East Link construction activity
- Volume decreases seen since start of pilot have remained
- 79 survey respondents; 106 emails/phone calls
  - Made modifications based on feedback



# Community Feedback

- 73 comments received; most were critical (~5,000 people in Woodridge)
- Feedback concentrated following installation
- 37 calls and emails received between 5/11-8/20
- Online survey open since June
  - 36 responses



# Community Feedback-themes

- Exception desired
- Unfair
- Takes longer to get home to SE 30<sup>th</sup> St
- Wants enforcement
- Wanted to understand rationale of installing turn restrictions

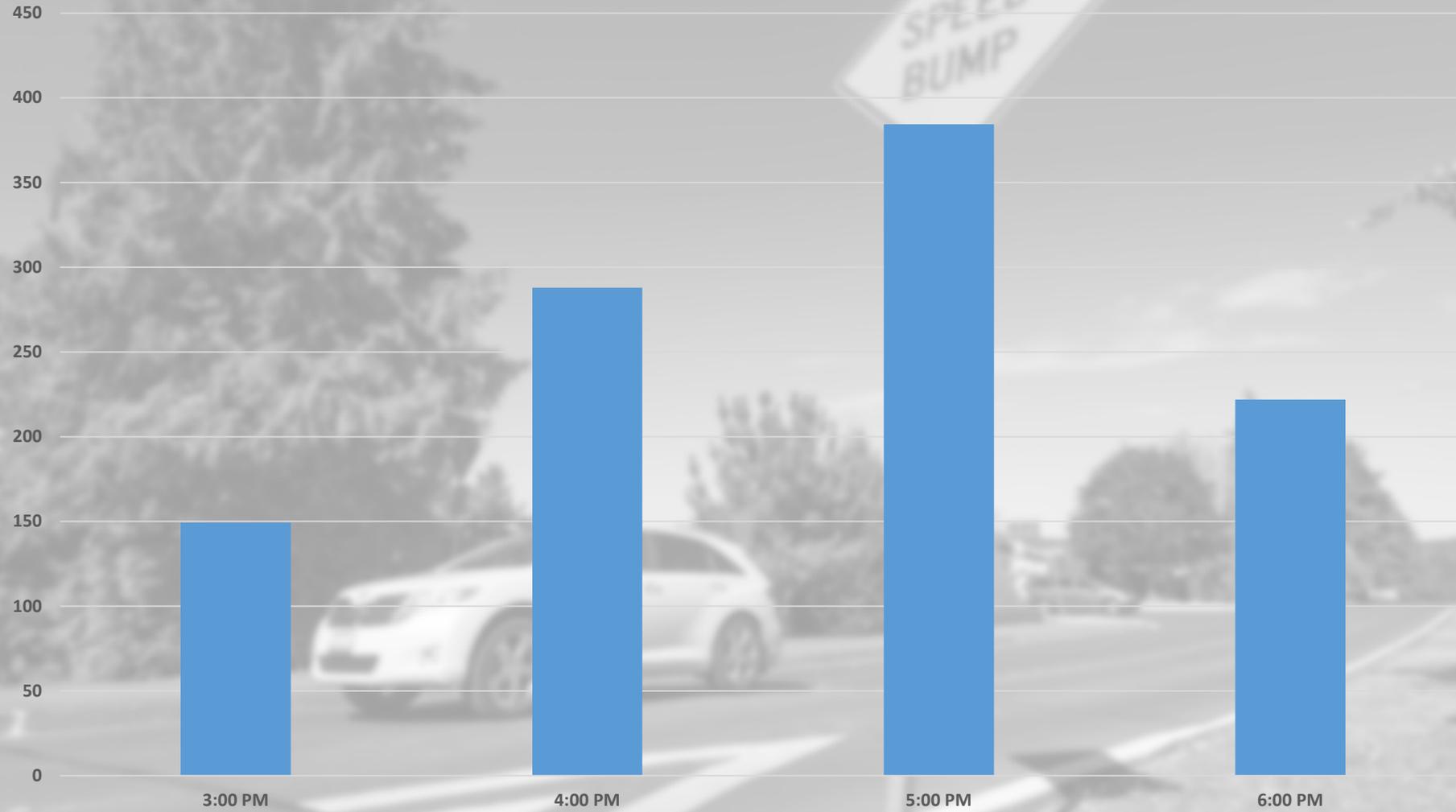
# Committee Feedback

- Conversation– collect Committee’s feedback

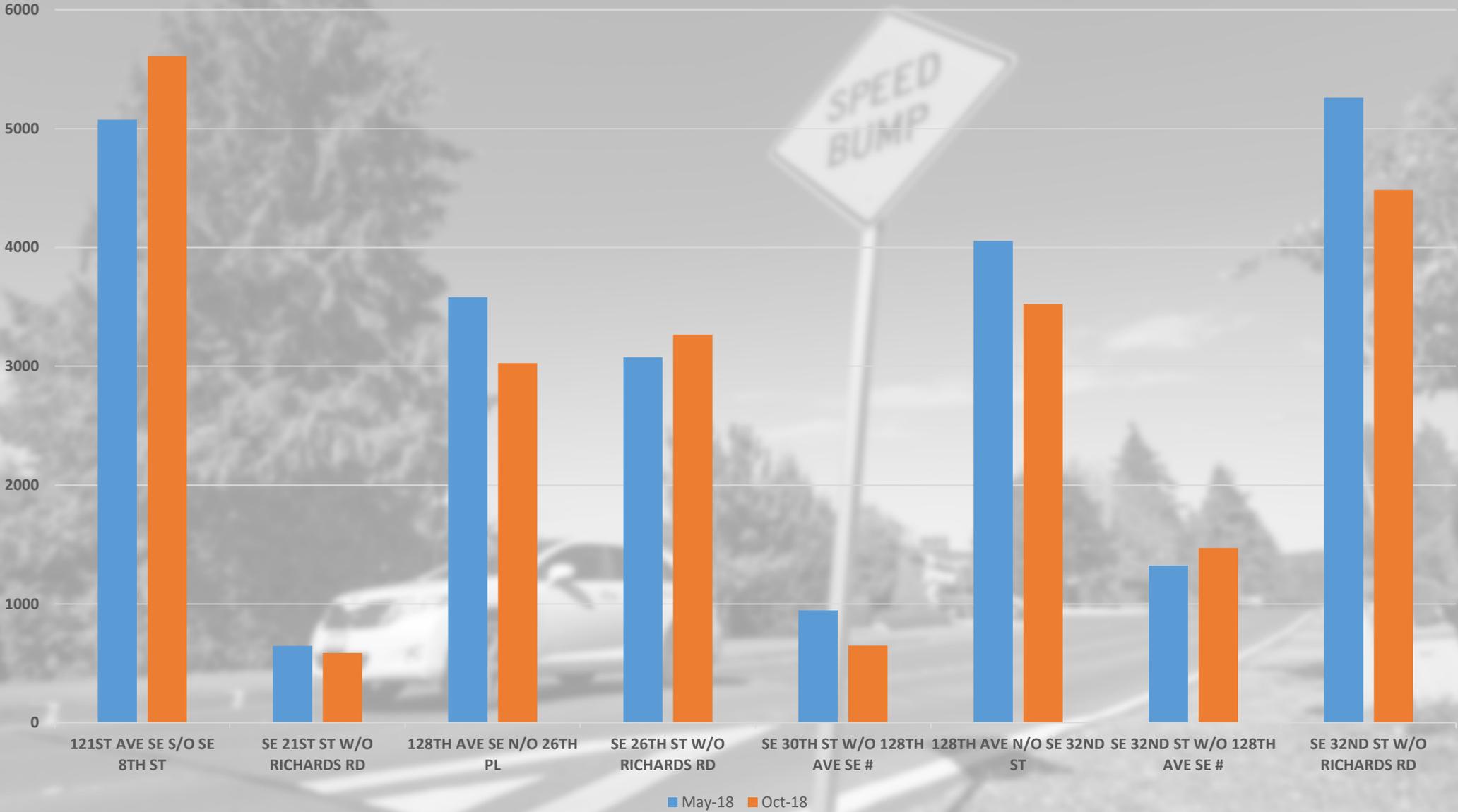
# Traffic Study

- Before/after data captured (May 2017/October 2018)
- Volumes down nearest to source of concern (128<sup>th</sup> Ave SE south of SE 26<sup>th</sup> Pl)
  - 17% decrease in southbound traffic from 4-7 PM
- 80% decrease in left-turning vehicles from 128<sup>th</sup> Ave SE to SE 32<sup>nd</sup> St from 4-6 pm
- Minimal U-turning on SE 32<sup>nd</sup> St to avoid restrictions

SB Hourly Volumes on 128th Ave SE n/o SE 32nd St (October 2018)



Average Daily Traffic Volumes Before and After Pilot Turn Restrictions

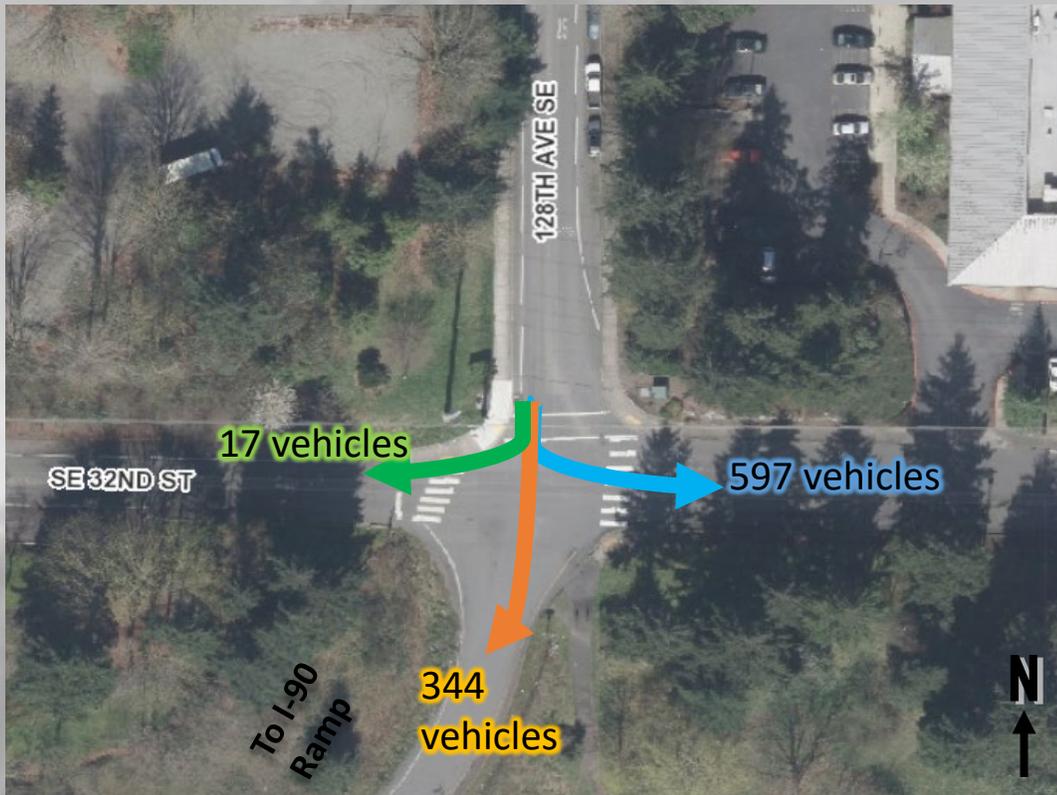


**Evening (4-7) Commute Traffic in Key Direction of Travel (SB, EB, or WB)  
Before and After Pilot Turn Restrictions**

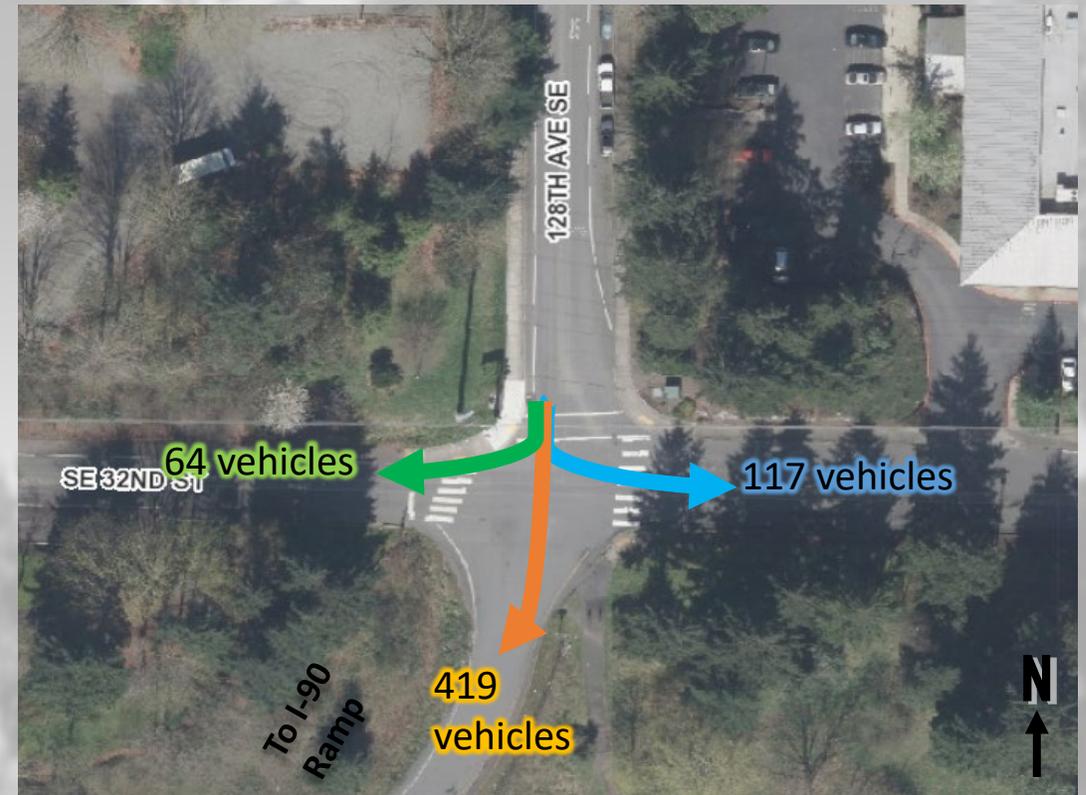
# Before data from May 2018  
\* EB  
\*\* WB



# 128<sup>th</sup> Ave SE & SE 32<sup>nd</sup> St – Turn Volumes (4-6 pm, Thursday)



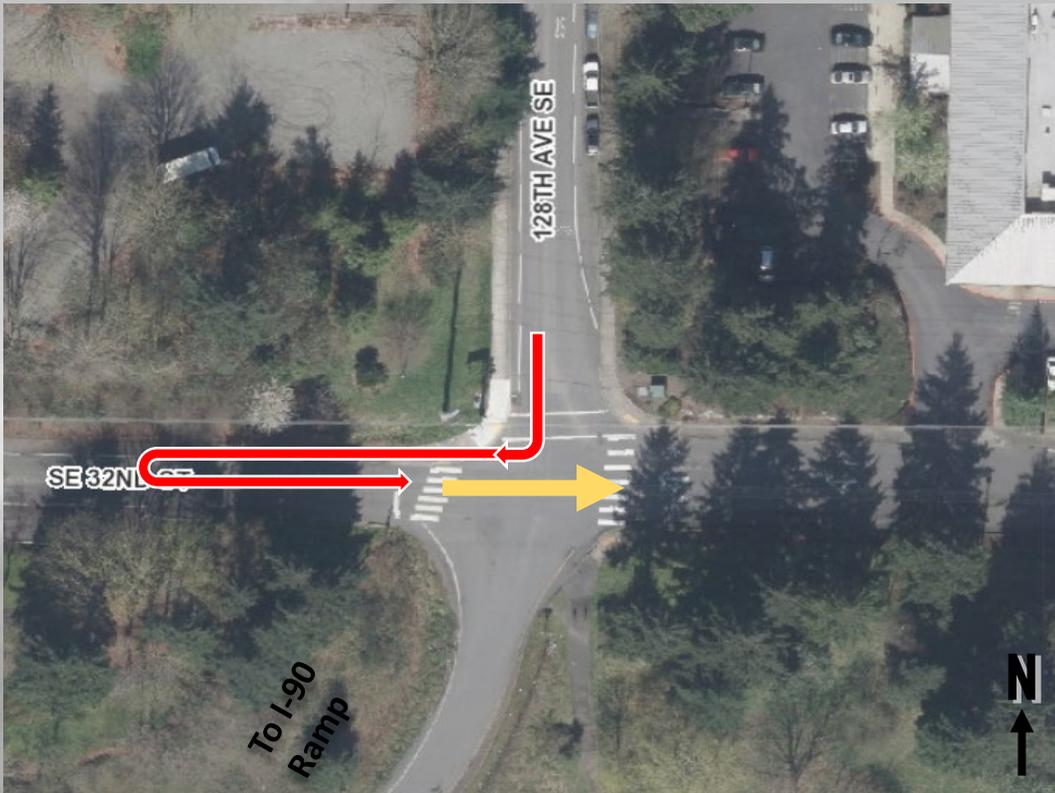
*Before (May 2017)*



*After (Sep 2018)*

Left turns decreased 480 by vehicles (80% decrease)  
Through vehicles to I-90 increased by 75 vehicles (22% increase)  
Right turns increased by 47 vehicles (276% increase)

## U-turning at 128<sup>th</sup> Ave SE/SE 32<sup>nd</sup> St

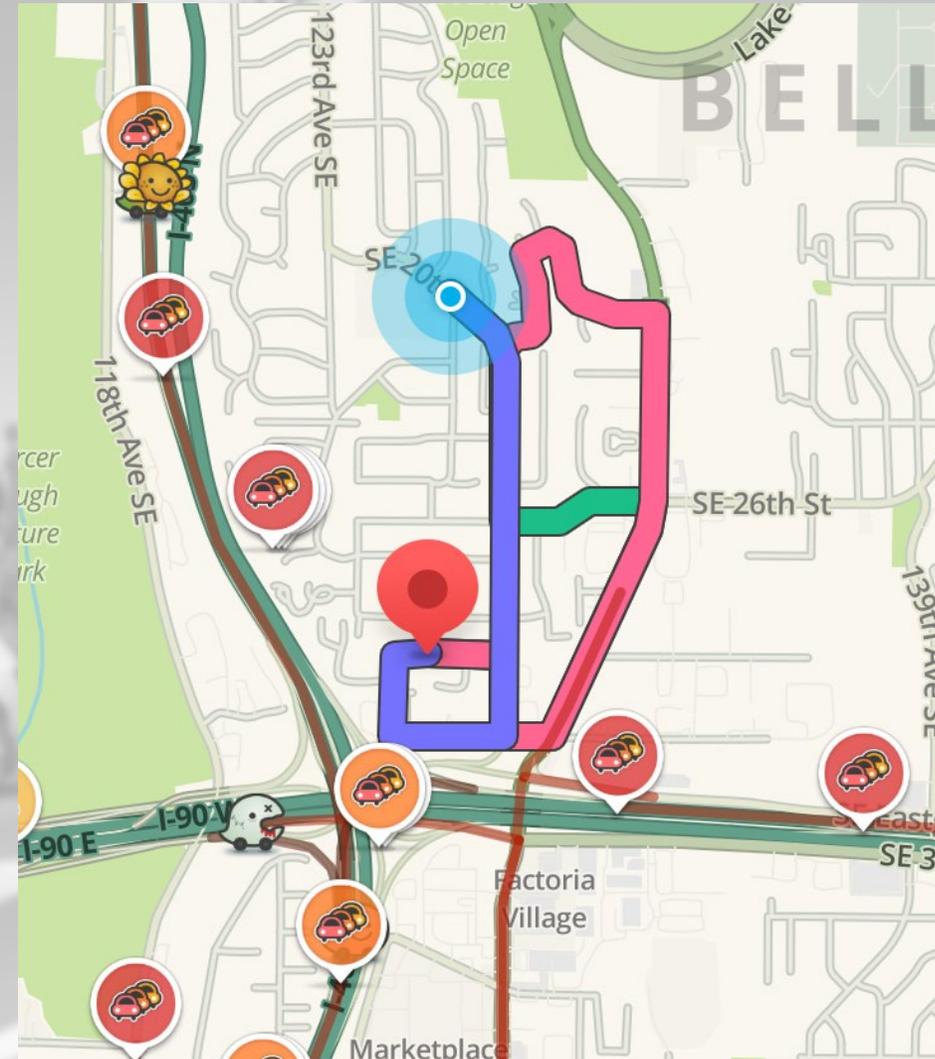
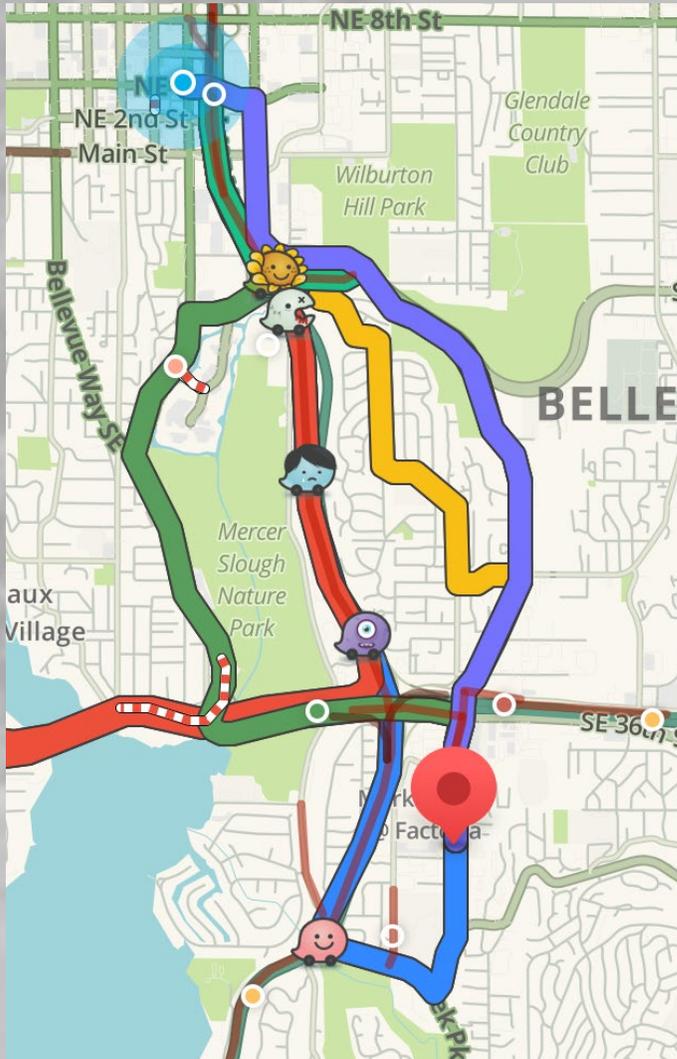


- Actual U-turning vehicles not measured
- Proxy measure using turning movement count data (4-6 pm)
  - May 2017: 66 vehicles
  - May 2018: 97 vehicles
- This is an increase of 1 vehicle every 4 minutes

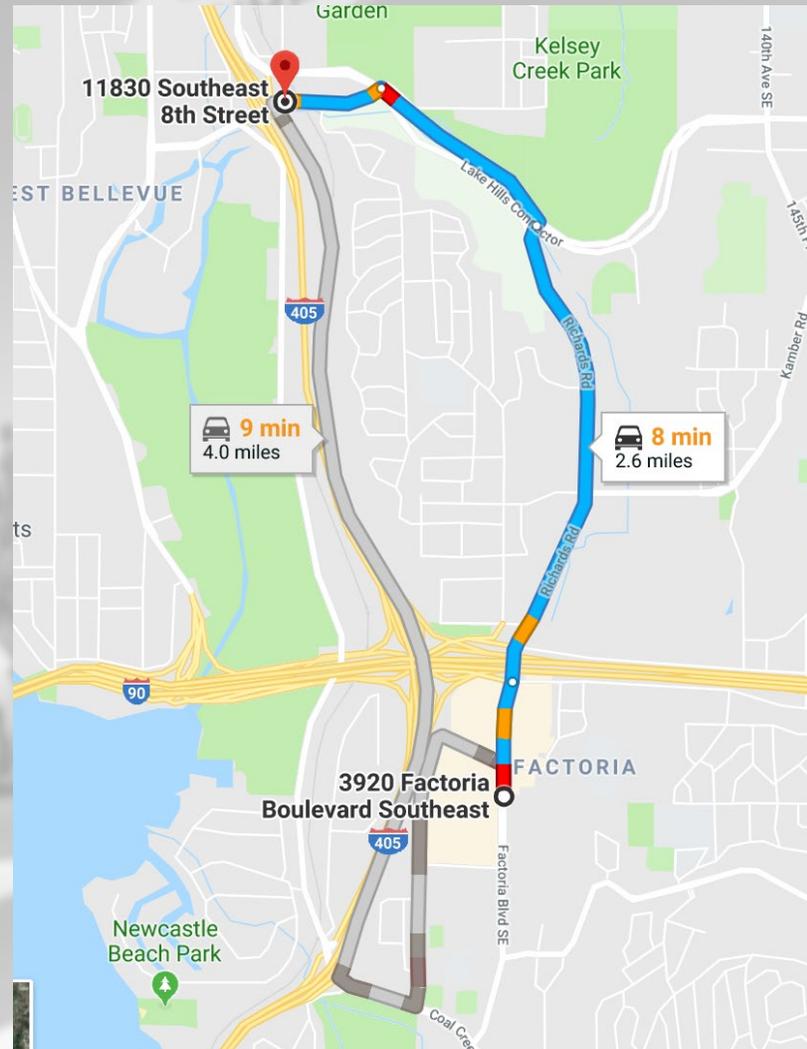
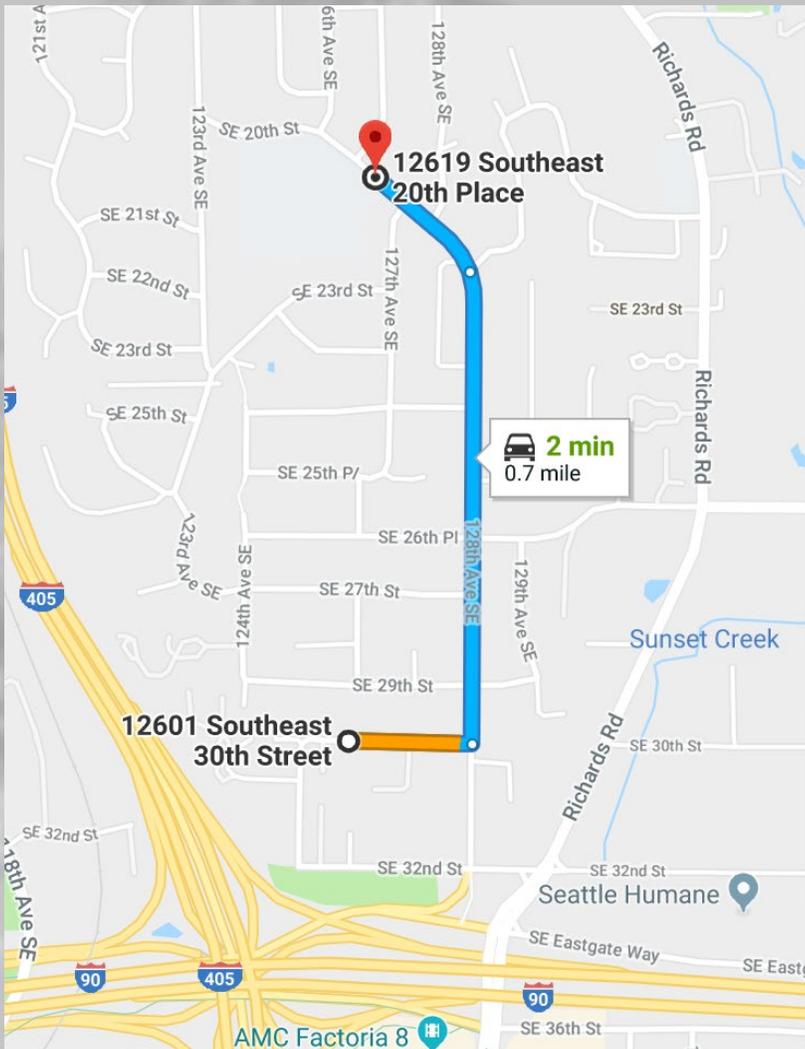
# Routing apps

- **Waze: correction happened almost immediately**
  - User submitted
- **Google: many tickets submitted**
  - Still doesn't reflect SE 30<sup>th</sup> restriction but doesn't appear to route motorists on SE 30<sup>th</sup> St to get to destinations outside of the neighborhood (e.g. from Woodridge Elementary to Factoria Square Mall)

# Routing apps-Waze



# Routing apps-Google Maps



# Enforcement

- Enforcement occurs as resources allow (22 visits to date)
- Can get called away to other calls (e.g. crashes)
- [Bellevuewa.gov/tsr](http://Bellevuewa.gov/tsr) to request enforcement
- Turn restrictions tricky to enforce
- Business decision by residents
  - “My taxes pay for these roads and I'm going to use them”
- Recent enforcement: 10/26, 11/2, 11/6

# Traffic Signals Optimization

- Signals on Richards Rd will be optimized to improve traffic flow efficiency
  - following paving of Richards Rd
- This work is still forthcoming
- Flashing Yellow Arrows coming for east/west legs of SE 26<sup>th</sup> Pl at Richards Rd
  - Levy-funded project



# Summary

- Traffic volumes have decreased moderately
- Community comment following implementation was not supportive or understanding
  - Community comment has since reduced and has skewed more positively
- The pilot is slated to end December 31
- A lot of work has been done by committee to evaluate the problem and develop solutions
- Few tools remain to address commuter cut-through traffic
- Volumes will fluctuate with events, time of year, etc.

# Pilot Next Steps

- Options are to:
  - Keep as-is
  - Modify
  - Remove entirely