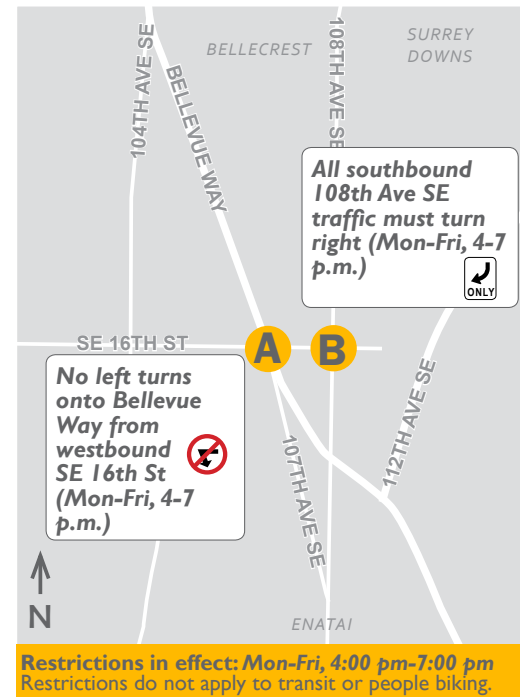




Pilot Project to Discourage Evening Commuter Traffic in South Bellevue due to East Link Construction

October 2018 Traffic Study Results

Turn restrictions at SE 16th St continue to be effective in discouraging high traffic volumes from using neighborhood streets during East Link light rail construction.



Pilot project overview

The city, in consultation with the East Link Neighborhood Traffic Mitigation Committee (NTMC), installed a three-month pilot turn restriction project aimed at discouraging commuters from cutting through the neighborhood at SE 16th St/108th Ave SE and SE 16th St/Bellevue Way during light rail construction. The original pilot was installed in September 2017. Modifications were made in January 2018 (see graphic) based on community feedback to install an all-way stop at SE 16th St/108th Ave SE and to extend the pilot to the end of June 2018. Following considerable reductions in traffic volumes during the May 2018 traffic study, the turn restrictions were determined to remain in place until the end of substantial civil construction of East Link along Bellevue Way and I 12th Ave SE, anticipated in 2020.

Traffic Studies

Numerous traffic studies have been conducted before and after the implementation of the pilot turn restrictions to determine effectiveness. The **before (baseline)** data was primarily conducted in June 2017. At this point, the South Bellevue Park-and-Ride was closed but major construction activity was not occurring on Bellevue Way or I 12th Ave SE. Subsequent **after studies** following implementation have occurred in:

- September 2017 (I 12th Ave SE was one lane in each direction)
- May 2018 (major construction activity underway along Bellevue Way and I 12th Ave SE but I 12th Ave SE was open to travel for both lanes, both directions)
- October 2018 (major construction activity underway adjacent to Bellevue Way and I 12th Ave SE; I 12th Ave SE was one lane in each direction)

Results shown in table and map.

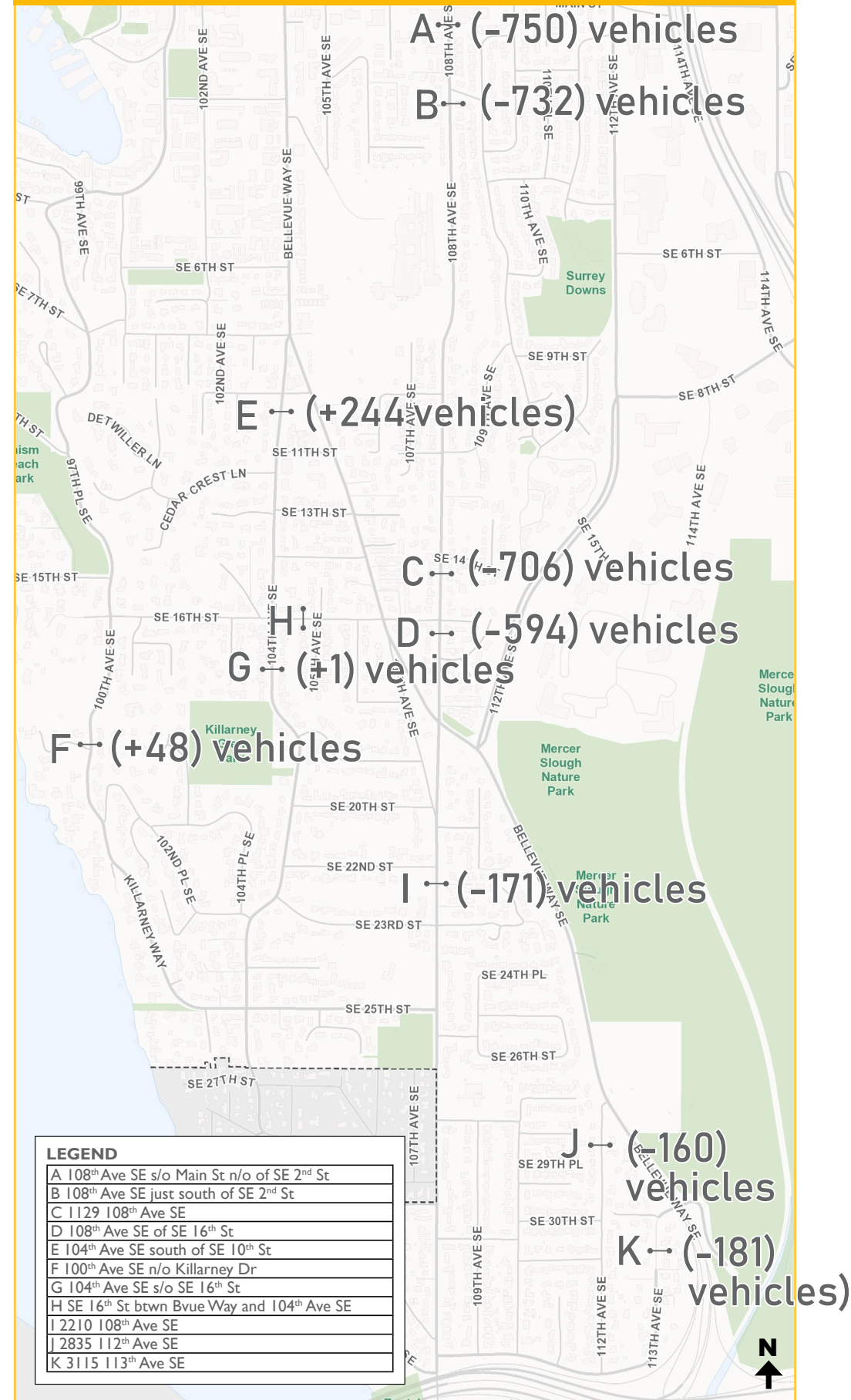
Average evening (4-7 PM) traffic volumes in key direction of travel								
ID	Key Dir. of Travel	Location	June 2017 (before pilot)	Sep 2017 (after pilot)	May 2018 (after pilot)	Oct 2018 (after pilot)	Change June 2017 to Oct 2018	% change June 2017 to Oct 2018
A	SB	108 th Ave SE s/o Main St n/o of SE 2 nd St	1,433	1,300	686	683	(750)	-52%
B	SB	108 th Ave SE just south of SE 2 nd St	1,293	1,151	558	561	(732)	-57%
C	SB	I 129 108 th Ave SE	1,173	1,068	467	467	(706)	-60%
D	SB	108 th Ave SE south of SE 16 th St	1,017	914	335	423	(594)	-58%
E	SB	104 th Ave SE south of SE 10 th St	177	467	409	421	244	138%
F	SB	100 th Ave SE n/o Killarney Dr	123	192	181	171	48	39%
G	SB	104 th Ave SE s/o SE 16 th St	370	424	379	371	1	0%
H	WB	SE 16 th St btwn Bvue Way and 104 th Ave SE	N/A	125	170	153	n/a	n/a
I	SB	2210 108 th Ave SE	570	471	464	399	(171)	-30%
J	NB	2835 I 12 th Ave SE	311	154	168	151	(160)	-51%
K	NB	3115 I 13 th Ave SE	542	302	317	361	(181)	-33%

This is the figure on the map

Key Findings:

- 108th Ave SE north of Bellevue Way (through the Bellecrest neighborhood) has seen significant reductions in traffic during the evening commute between June 2017 and October 2018
- There is not a correlative increase in traffic cutting through streets in the Enatai neighborhood given the reductions in volumes at locations J and K; if traffic was cutting through, it would be expected that volumes at these two locations would be higher than volumes measured in June 2017
- Average daily traffic volumes (data not shown) are down 1%-26% across all locations from June 2017 to October 2018
- Most locations have seen further reductions in evening traffic between May 2018 to October 2018
- While traffic volumes have generally come down across most locations, continued targeted enforcement is needed at location D to help enforce the turn restrictions

Change in evening (4-7 PM) traffic volumes in key direction of travel from June 2017 (pre-pilot conditions) to October 2018



LEGEND

A	108 th Ave SE s/o Main St n/o of SE 2 nd St
B	108 th Ave SE just south of SE 2 nd St
C	I 129 108 th Ave SE
D	108 th Ave SE south of SE 16 th St
E	104 th Ave SE south of SE 10 th St
F	100 th Ave SE n/o Killarney Dr
G	104 th Ave SE s/o SE 16 th St
H	SE 16 th St btwn Bvue Way and 104 th Ave SE
I	2210 108 th Ave SE
J	2835 I 12 th Ave SE
K	3115 I 13 th Ave SE