

NE 75th Street Road Safety Corridor

July 25, 2013

1:00 pm to 3:00 pm



Seattle Department of Transportation

Agenda

NE 75th Street Road Safety Corridor

1:00 Welcome and Announcements

1:05 Recap of Spring Meetings

1:15 SDOT Presentation with Q & A

2:15 Speak Directly with SDOT

3:00 Adjourn

Spring Meetings Recap

NE 75th Street Road Safety Corridor

What We Heard:

- Channelization improvements requested
- Speeding an issue area-wide
- Strong desire to improve pedestrian and bicycle safety
- Reduce conflicts at signalized intersections
- Congestion leads to cut thru traffic on neighborhood streets
- More enforcement needed



Photos used with permission from Ravenna Blog



Existing Conditions

NE 75th Street between 15th Avenue NE and 35th Avenue NE

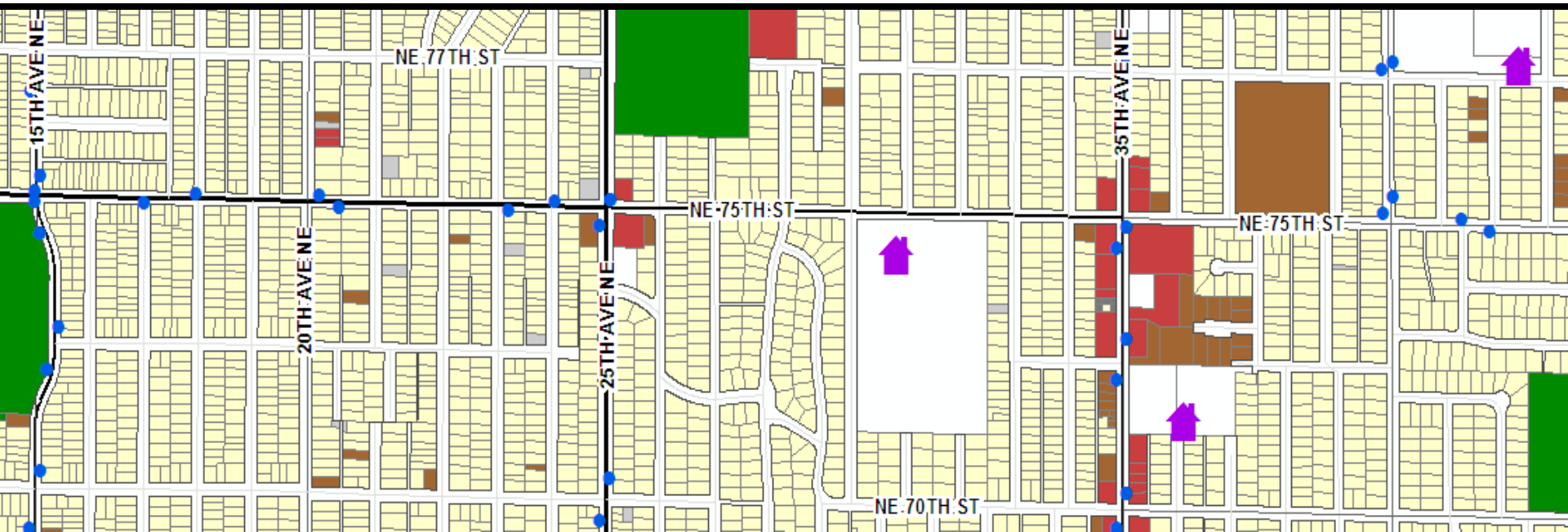
Adjacent Land Uses

Single family residential with some multi-family housing

Commercial uses at 25th and 35th

Schools

Transit Service



Roadway Configuration

NE 75th Street between 15th Avenue NE and 35th Avenue NE

Existing Condition NE 75th St

Travel Lane
Peak Hours Only /
Parking



Travel Lane
Peak Hours Only /
Parking

10'

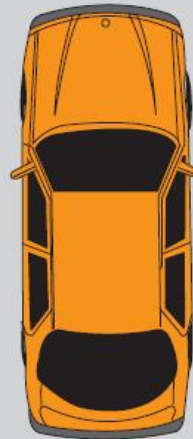
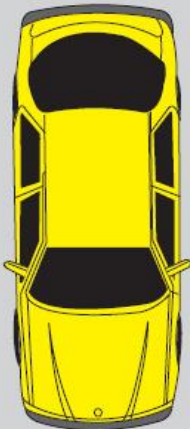
10'

10'

10'

Travel Lane

Travel Lane



Under-utilized on-street parking makes NE 75th Street function as a 4-lane arterial street most of the day

Parking Utilization

NE 75th Street between 15th Avenue NE and 35th Avenue NE

Study 1 – weeknight after 8 pm

23 parked cars total

18 near 28th Ave NE

for access to Wedgwood Pool

5 parked cars elsewhere

Study 2 – Saturday at 5 am

8 parked cars

Study 3 – weekday at 1 pm

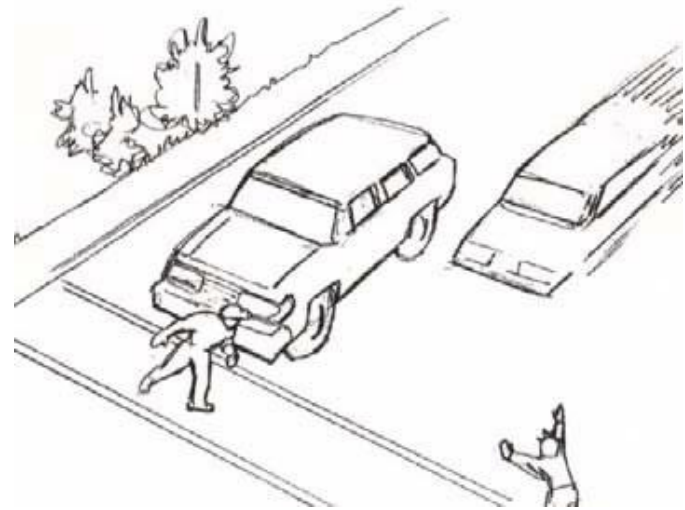
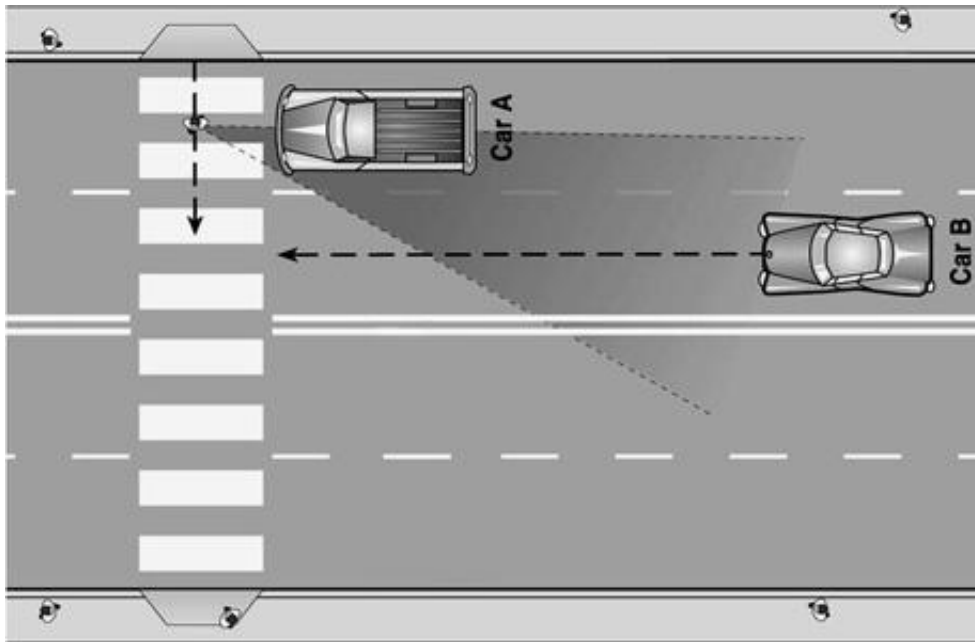
1 parked car



Multiple Threat

NE 75th Street between 15th Avenue NE and 35th Avenue NE

One vehicle stops for a pedestrian on a multi-lane road, but the motorist in the next lane does not, resulting in a crash.



Traffic Operations

NE 75th Street between 15th Avenue NE and 35th Avenue NE



Video: NE 75th Street at 30th Avenue NE looking west

Traffic Data

NE 75th Street between 15th Avenue NE and 35th Avenue NE

Traffic Volume

20,100 average weekday traffic at 12th Avenue NE

14,700 average weekday traffic at 30th Avenue NE

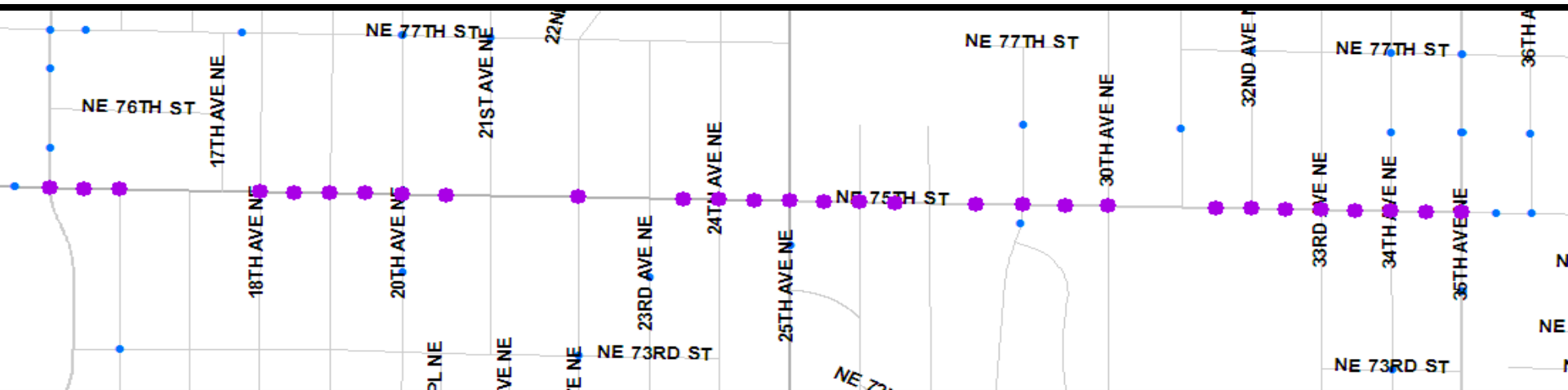
Speed (posted speed limit is 30 mph)

34 mph eastbound

37 mph westbound

Collisions

114 total collisions last three years, 50+ injuries

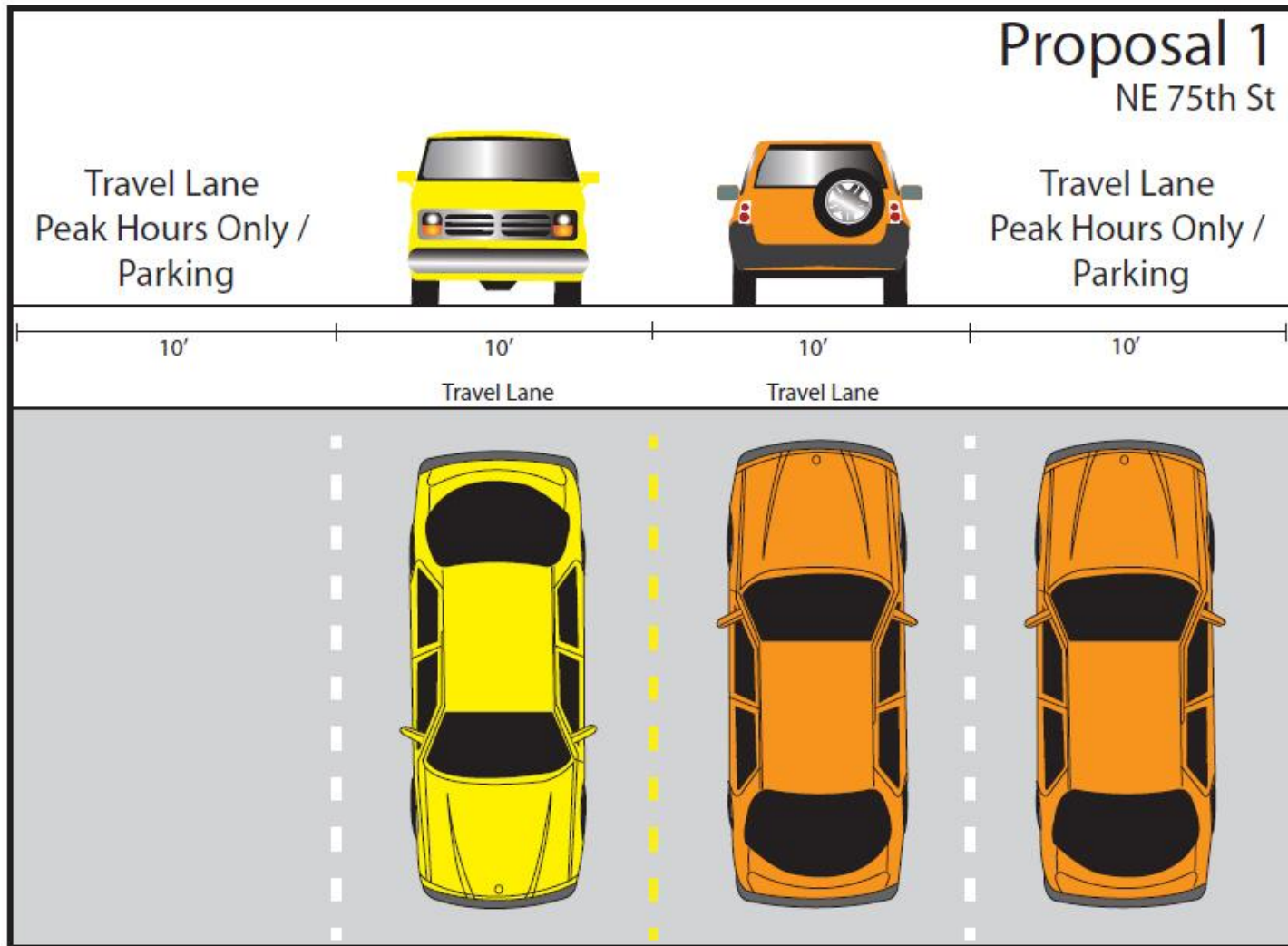


Goals

- Improve safety for all modes
 - Improve channelization
 - Improve pedestrian and bicycle mobility
 - Maintain acceptable level of service for vehicular traffic
-
- Performance Monitoring
 - SDOT to conduct before and after studies

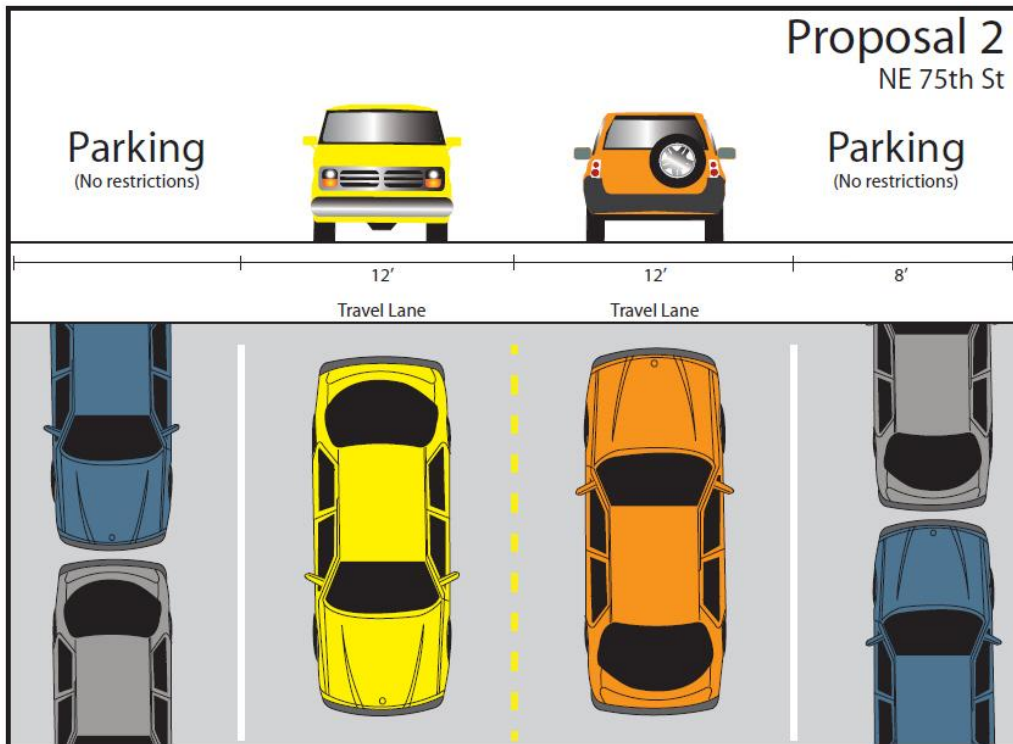
Proposal 1

NE 75th Street between 15th Avenue NE and 35th Avenue NE



Proposal 2

NE 75th Street between 15th Avenue NE and 35th Avenue NE

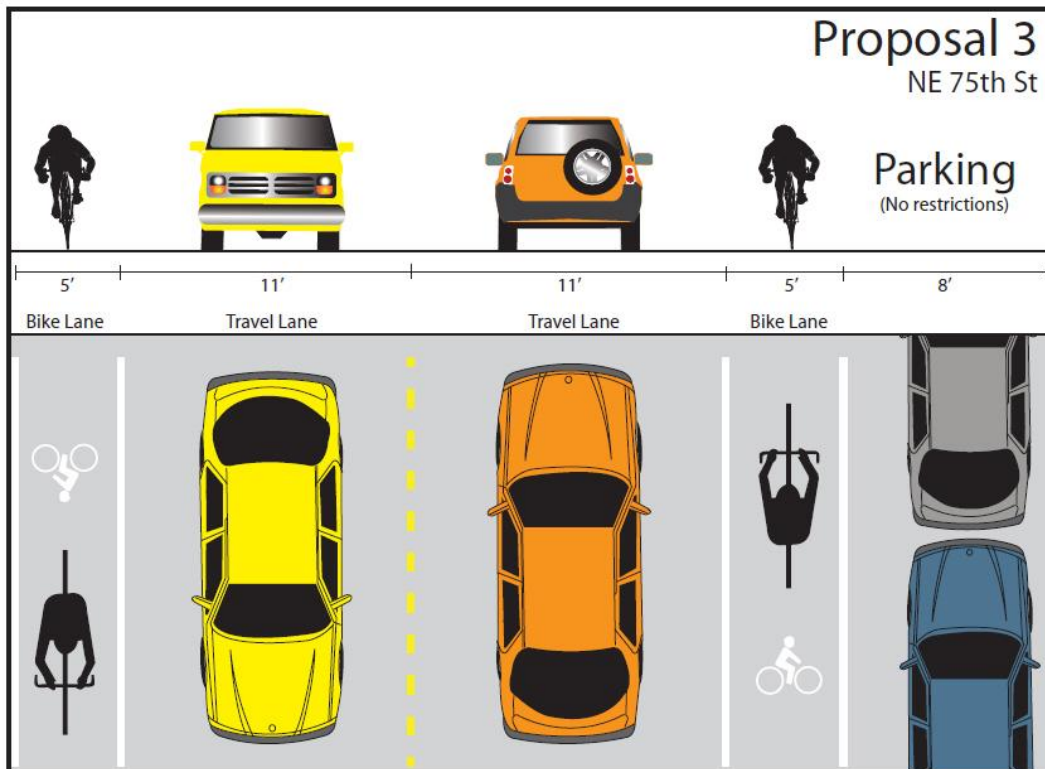


12th Avenue E



Proposal 3

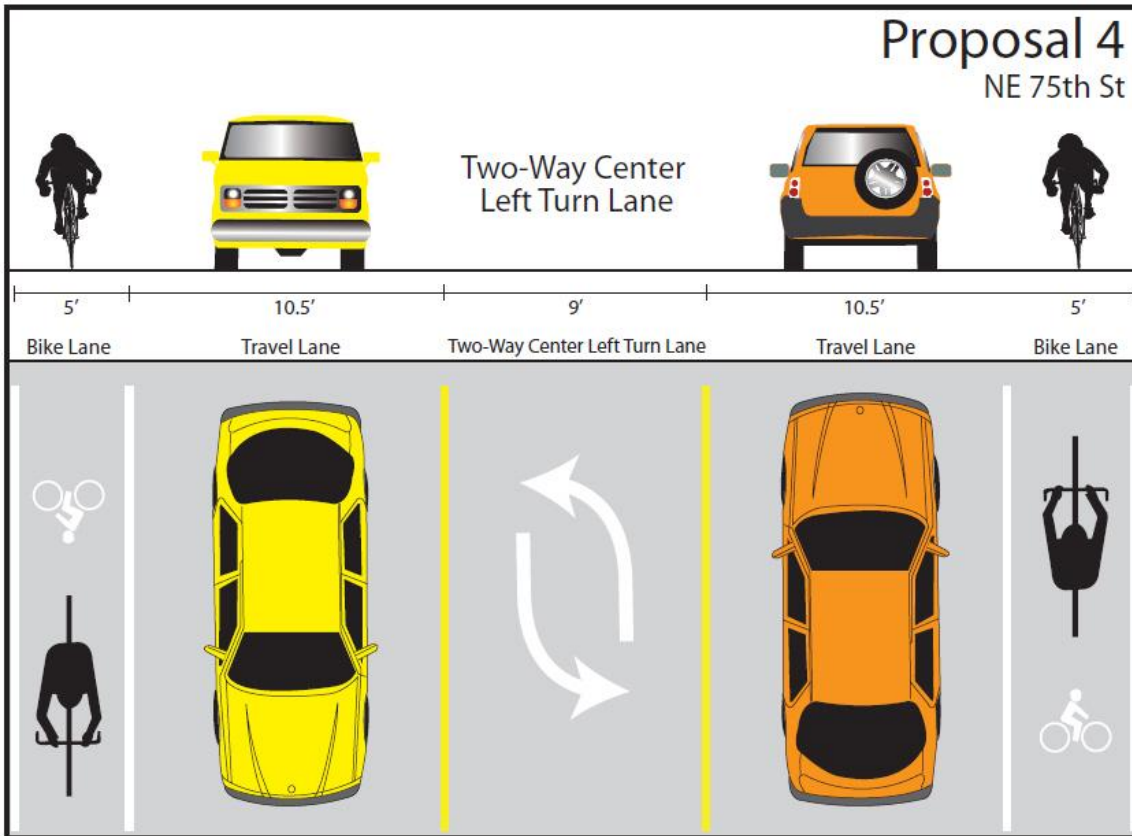
NE 75th Street between 15th Avenue NE and 35th Avenue NE



15th Avenue S

Proposal 4

NE 75th Street between 15th Avenue NE and 35th Avenue NE



Fauntleroy Way SW









Recent Results

Street	ADT begin	ADT change	Collisions	85 th %	Top end speeders	Travel time
Stone Way	13,000	-6%	- 14%	- 6%	- 80%	N/A
Nickerson St	18,600	- 1%	- 23%	- 21%	- 94%	N/A
Columbian Way	11,200	+ 20%	No change	- 6%	-50%	N/A
NE 125 th St	16,200	+ 4%	N/A	- 8%	- 69%	+ 1.5 min

Data clearly indicates that Proposal 4 will reduce speeding and collisions without significantly affecting travel times

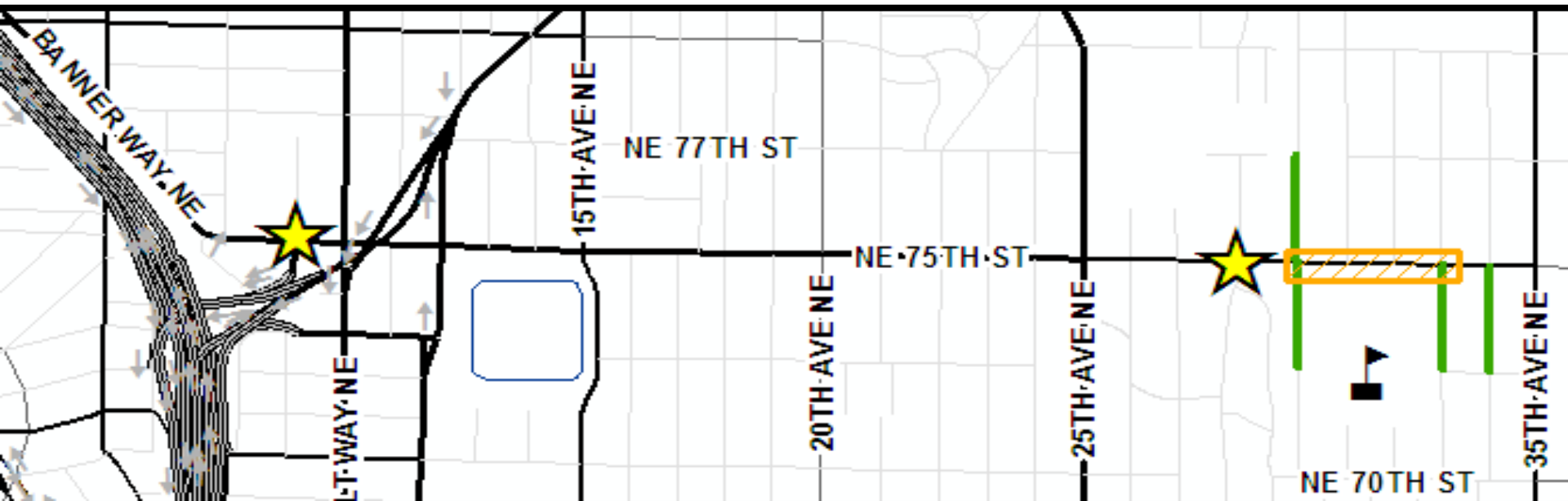
Additional Improvements

Photo enforcement cameras for Eckstein School Zone

Traffic calming in neighborhoods near Eckstein

Crossing Improvements

- new crosswalk at 28th Ave NE with rapid flashing beacons
- enhancements at existing crosswalk at 9th Ave NE

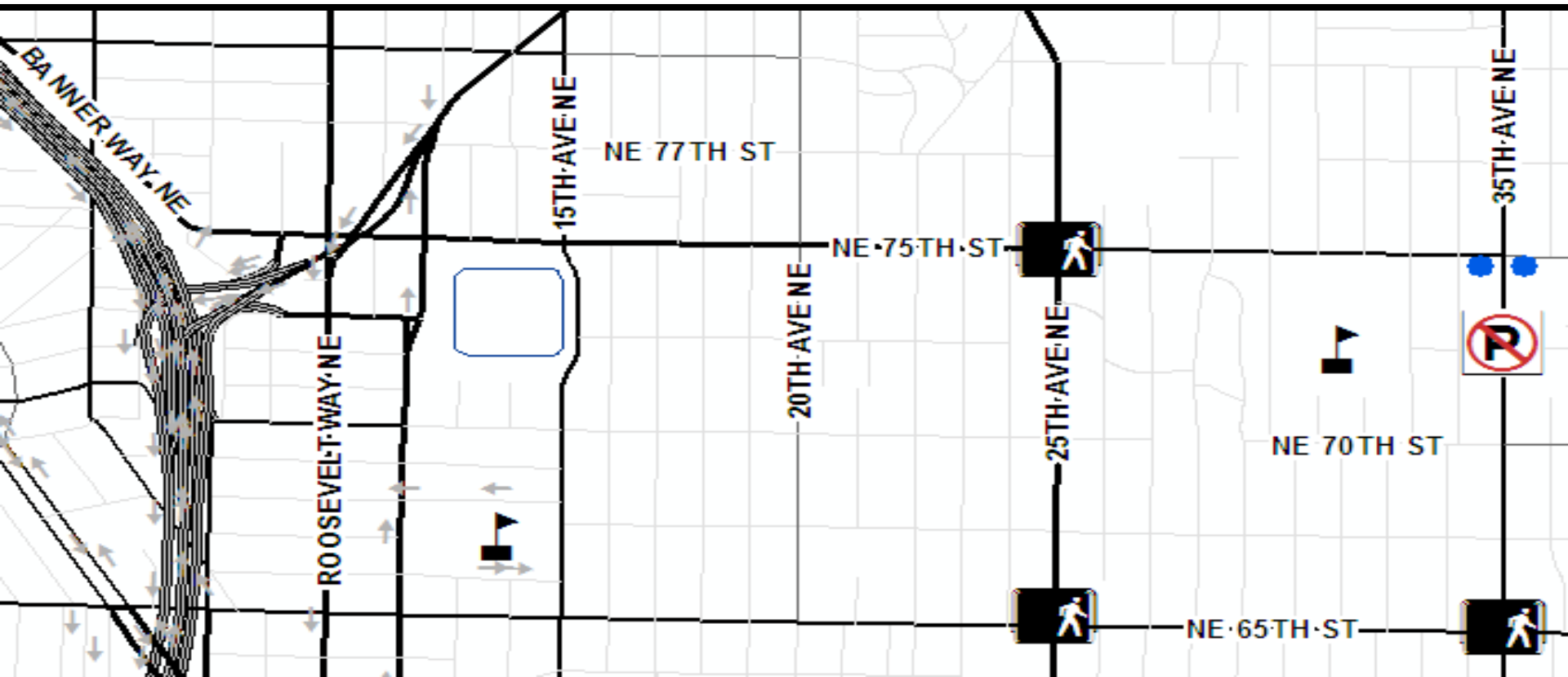


Additional Improvements

Pedestrian countdown signals

Spot parking restrictions and commercial access improvements

Encroachment and overgrown vegetation remediation

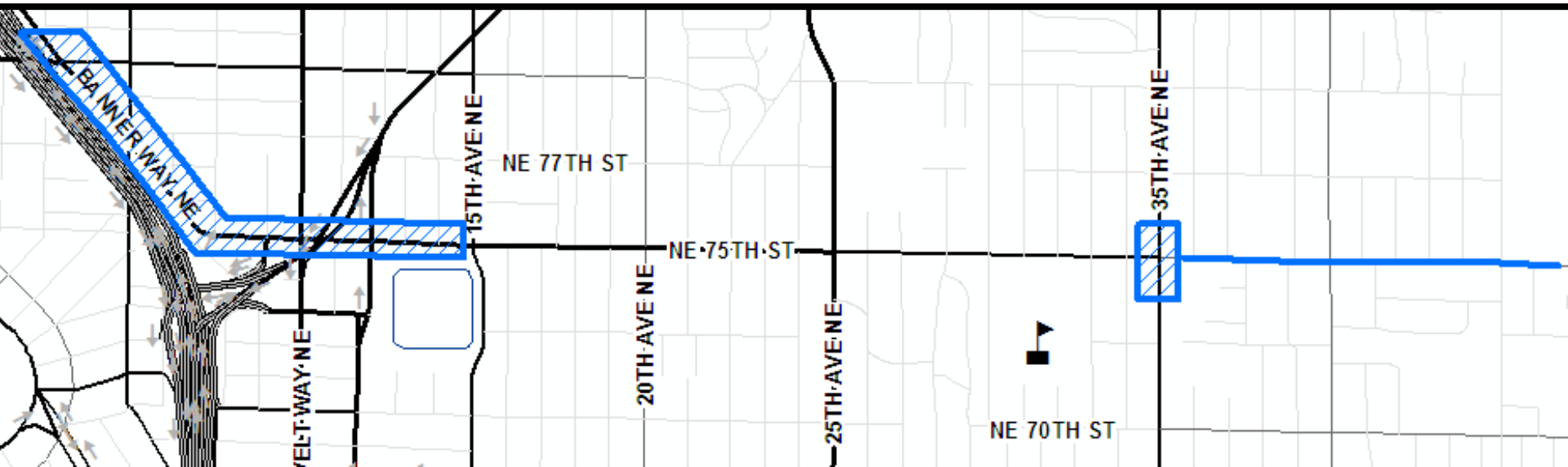


Longer-term Improvements

Banner Way/NE 75th Street Improvements
(west of 15th Ave NE)

Left turn pockets on 35th Ave NE at NE 75th St

Bicycle facilities east of 35th Ave NE



Education and Enforcement



Education

Transportation forums

School-specific instruction

Enforcement

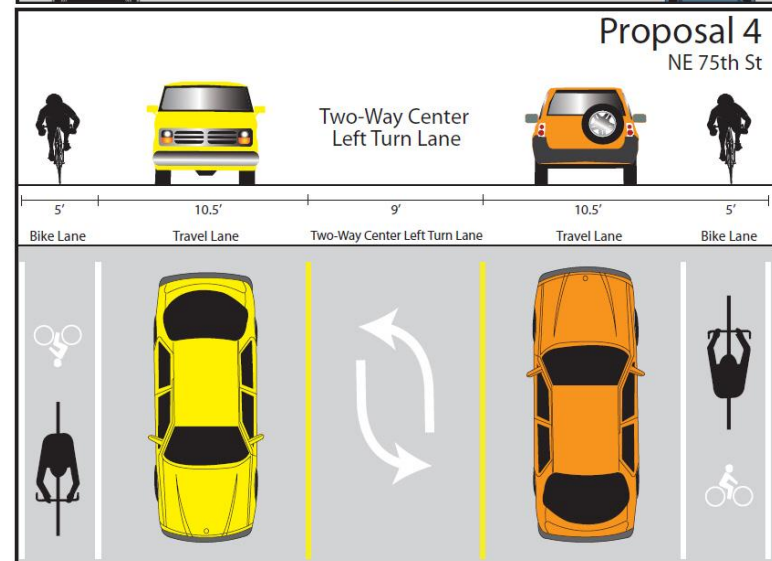
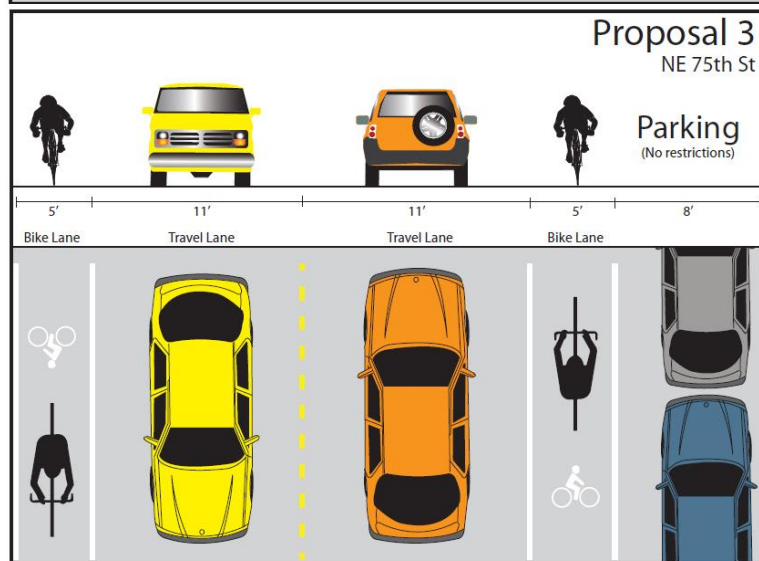
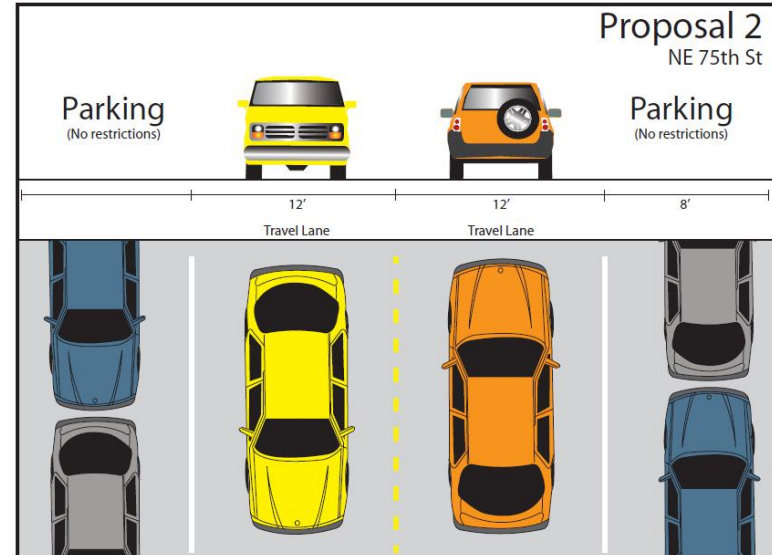
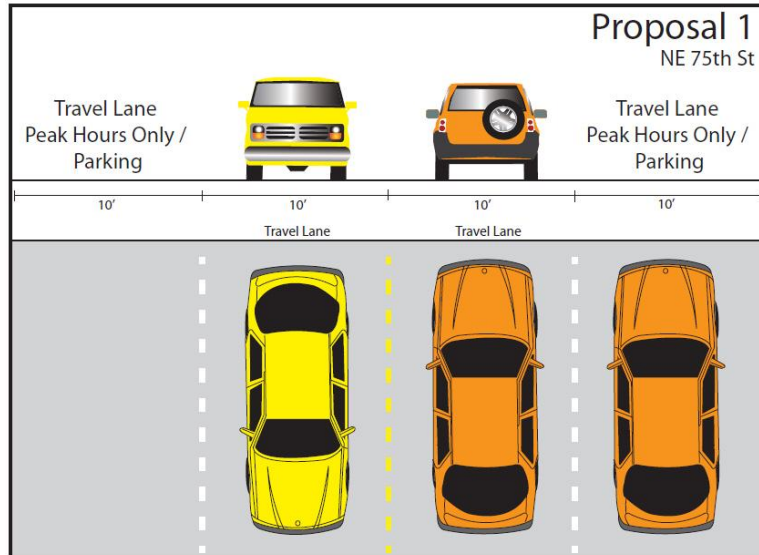
Continued emphasis patrols

More parking enforcement

Photo Enforcement at Eckstein



Questions?



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