

PROJECT OVERVIEW



Project Goals

- Improve safety
- Improve predictability
- Reduce speeding
- Reduce collisions
- Connect bike network

Proposal

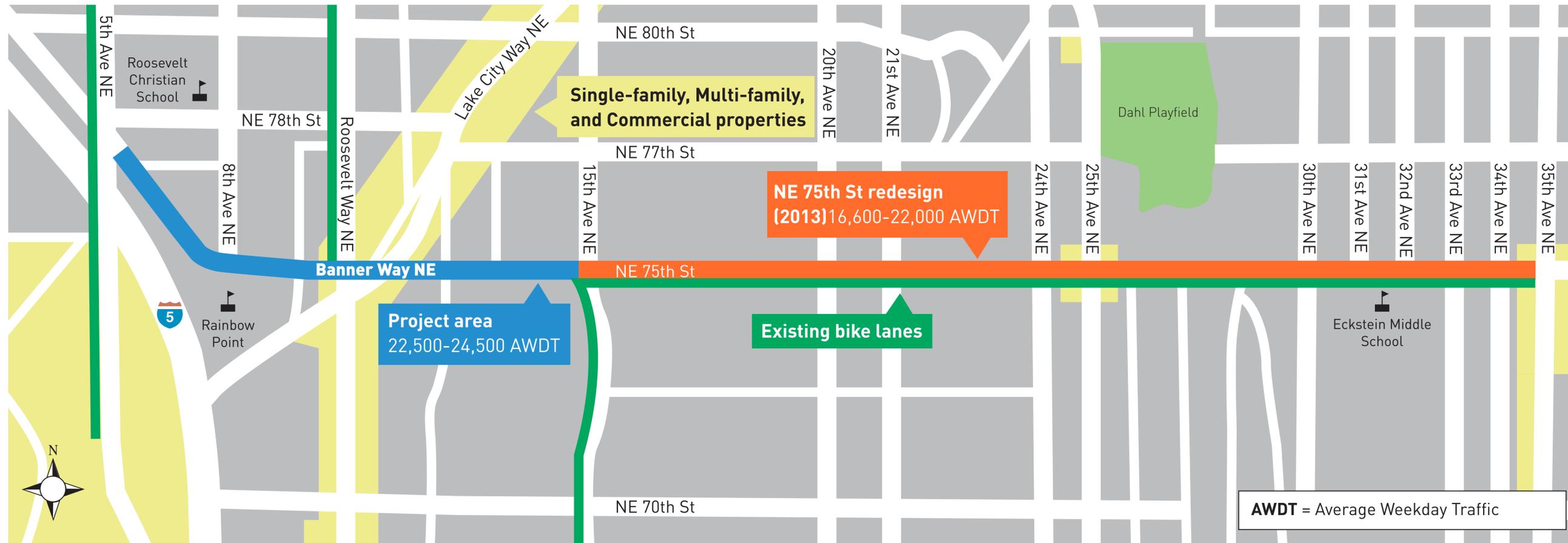
- Add bike lanes to Banner Way NE and NE 75th St
- Update intersection of 75th Ave NE and Roosevelt Way NE
- Update intersection of 75th Ave NE and Lake City Way NE
- Refresh crosswalk paint and other safety markings
- Consolidate on-street parking

Vision Zero

Vision Zero is our plan to end traffic deaths and serious injuries by 2030. Seattle is consistently recognized as one of the safest cities in the country. Over the past decade, we've seen a 30% decline in traffic fatalities, even as our population has grown. We are currently on-target to achieve our goals.

BACKGROUND

Network connections



Community engagement activities:

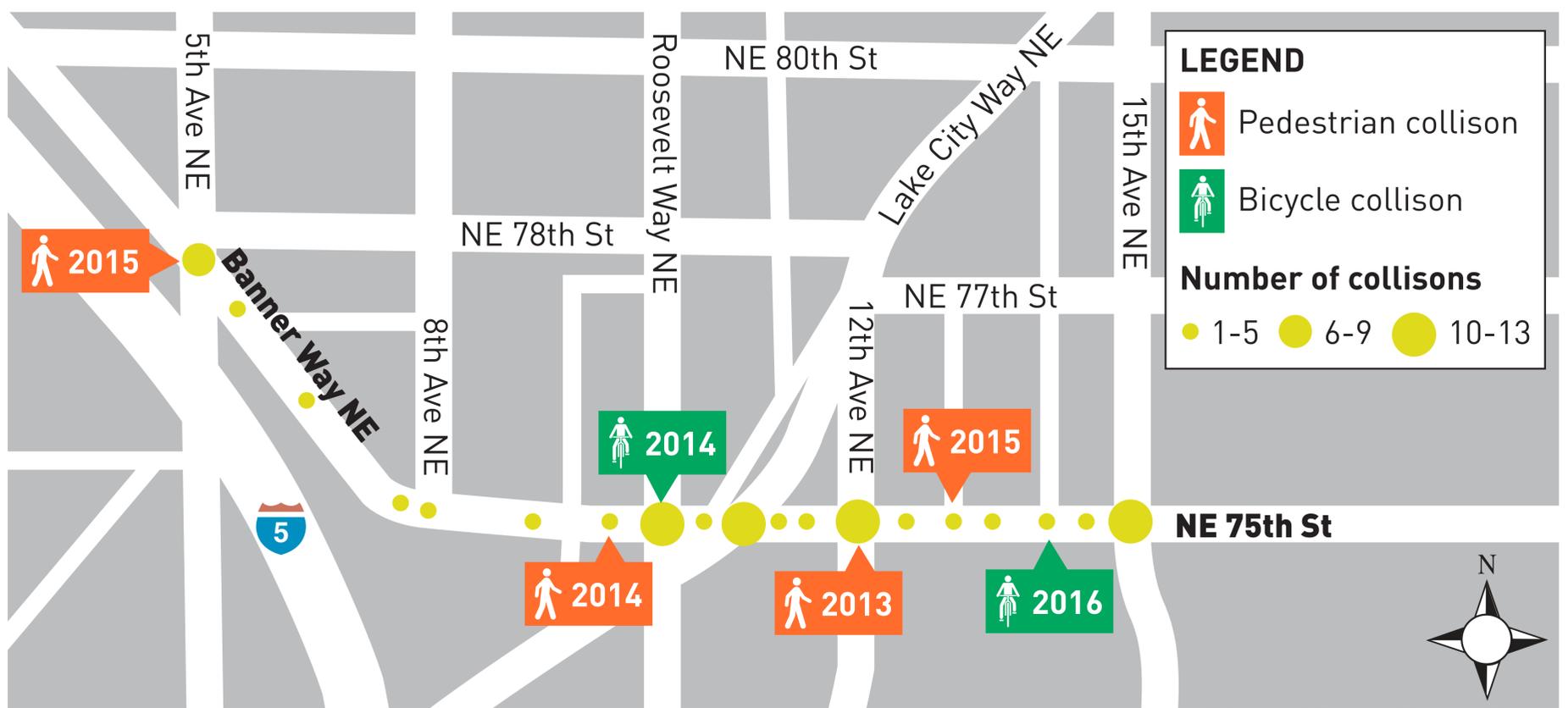
- **March 2016:** Mailing, community meeting with traffic data, design concepts
- **April 2016:** Mailing, walk and talk with neighbors
- **June 2016:** Group bike ride
- **October 2016:** Mailing, walk and talk with neighbors
- **October 2016:** Mailing, open house

COLLISION HISTORY

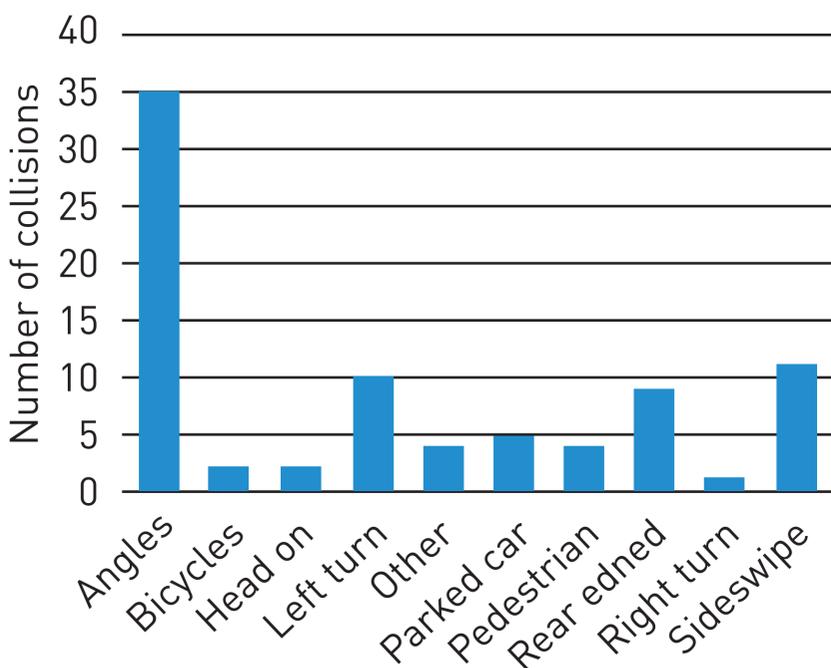
2013 – 2016: Banner Way NE, NE 75th St

- 83 collisions total
- 3 serious injury collisions (2 pedestrian-involved)
- 4 pedestrian-involved collisions
- 2 bicycle-involved collisions

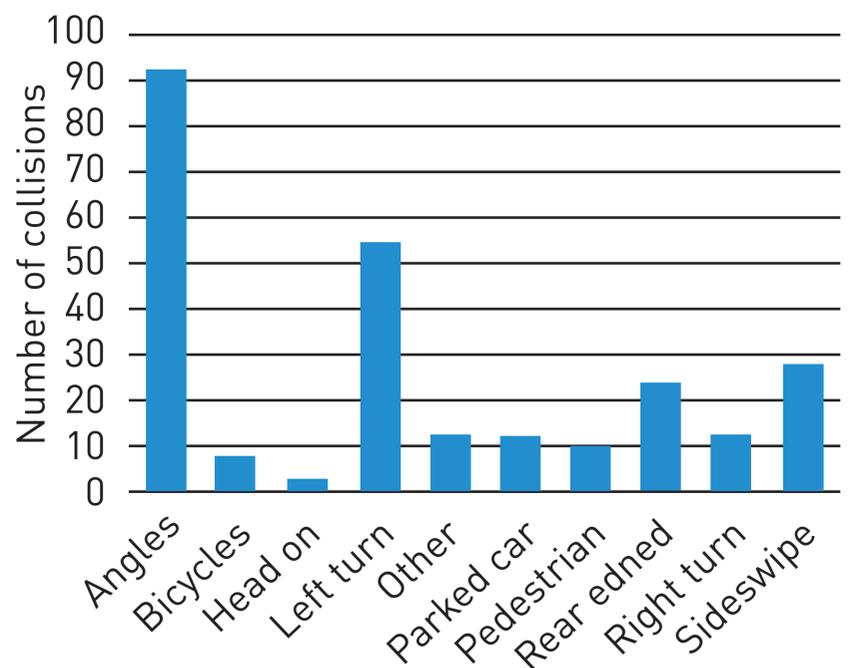
2013-2016: Bike, pedestrian collision locations



4-year collision history by type

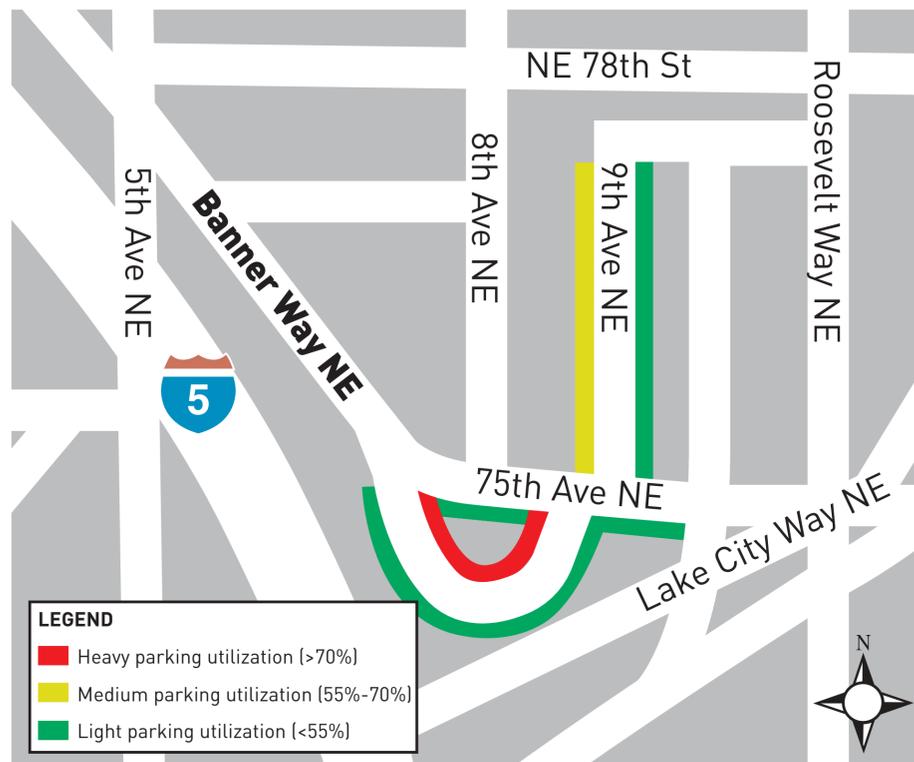


10-year collision history by type

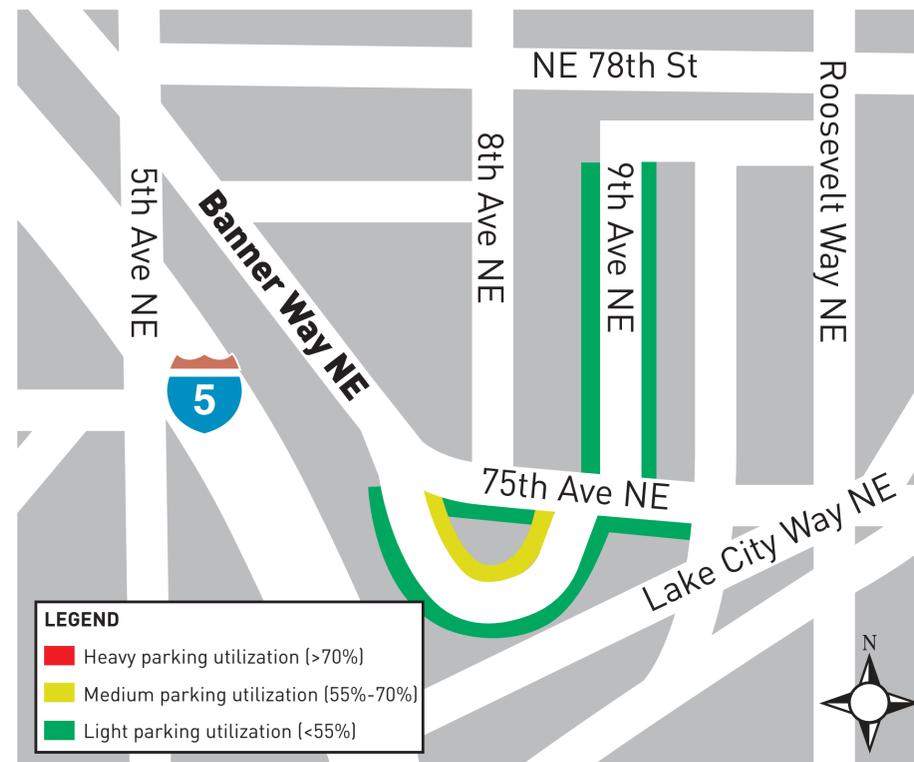


PARKING UTILIZATION

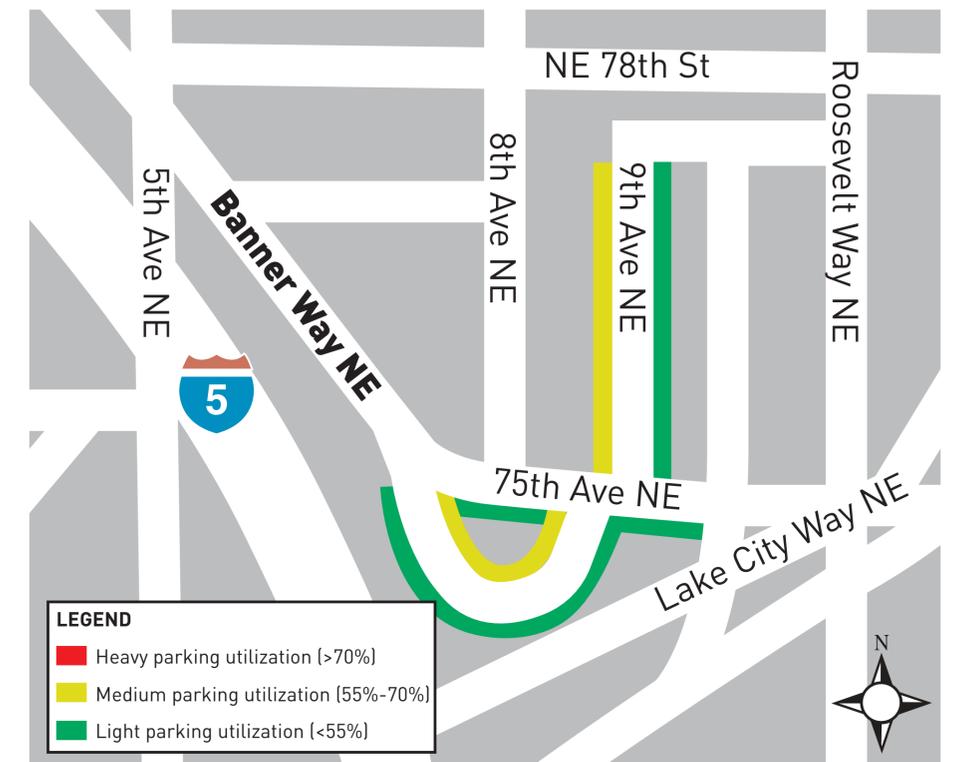
Early morning (5 – 7AM)



Midday (10AM – 2PM)



Evening (6 – 7PM)



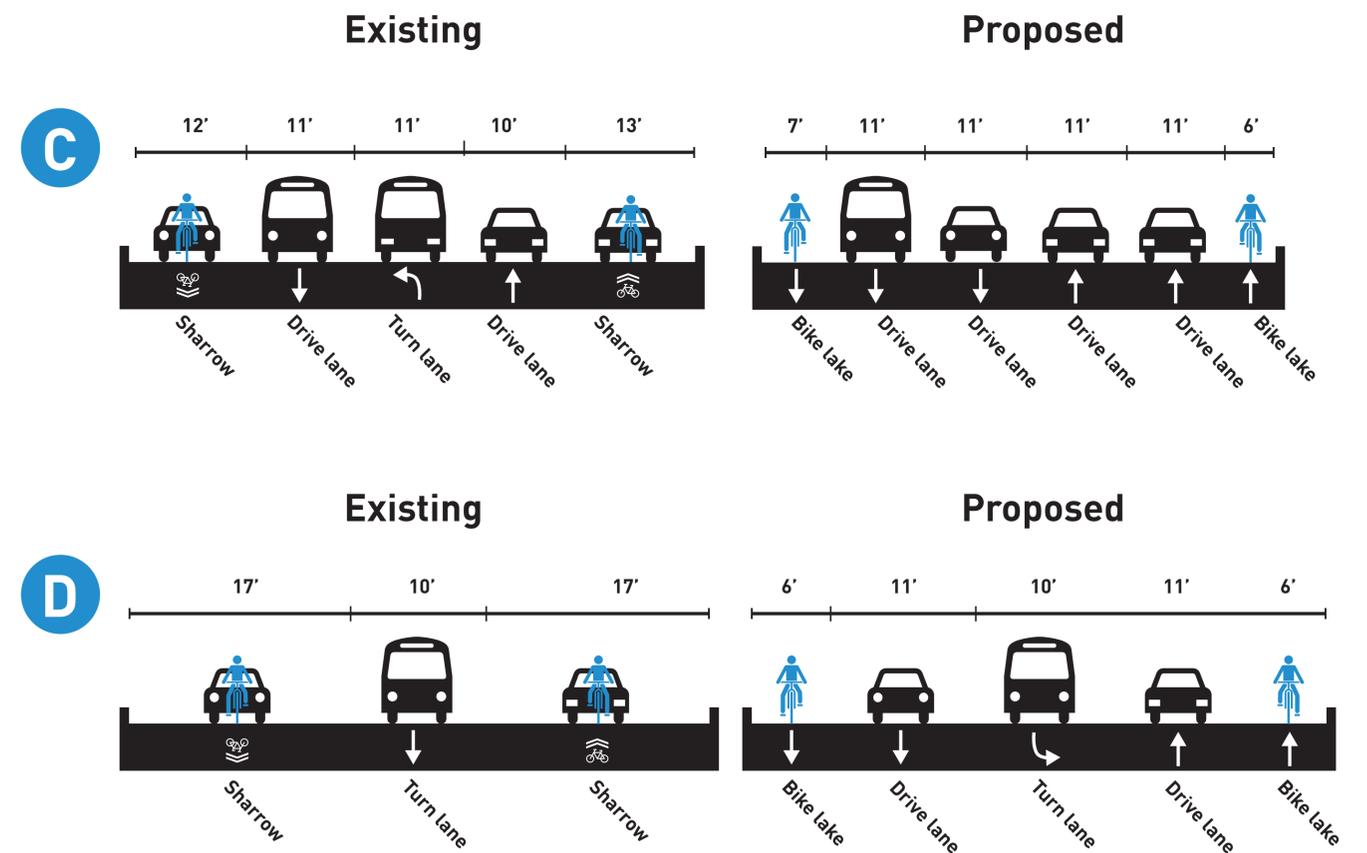
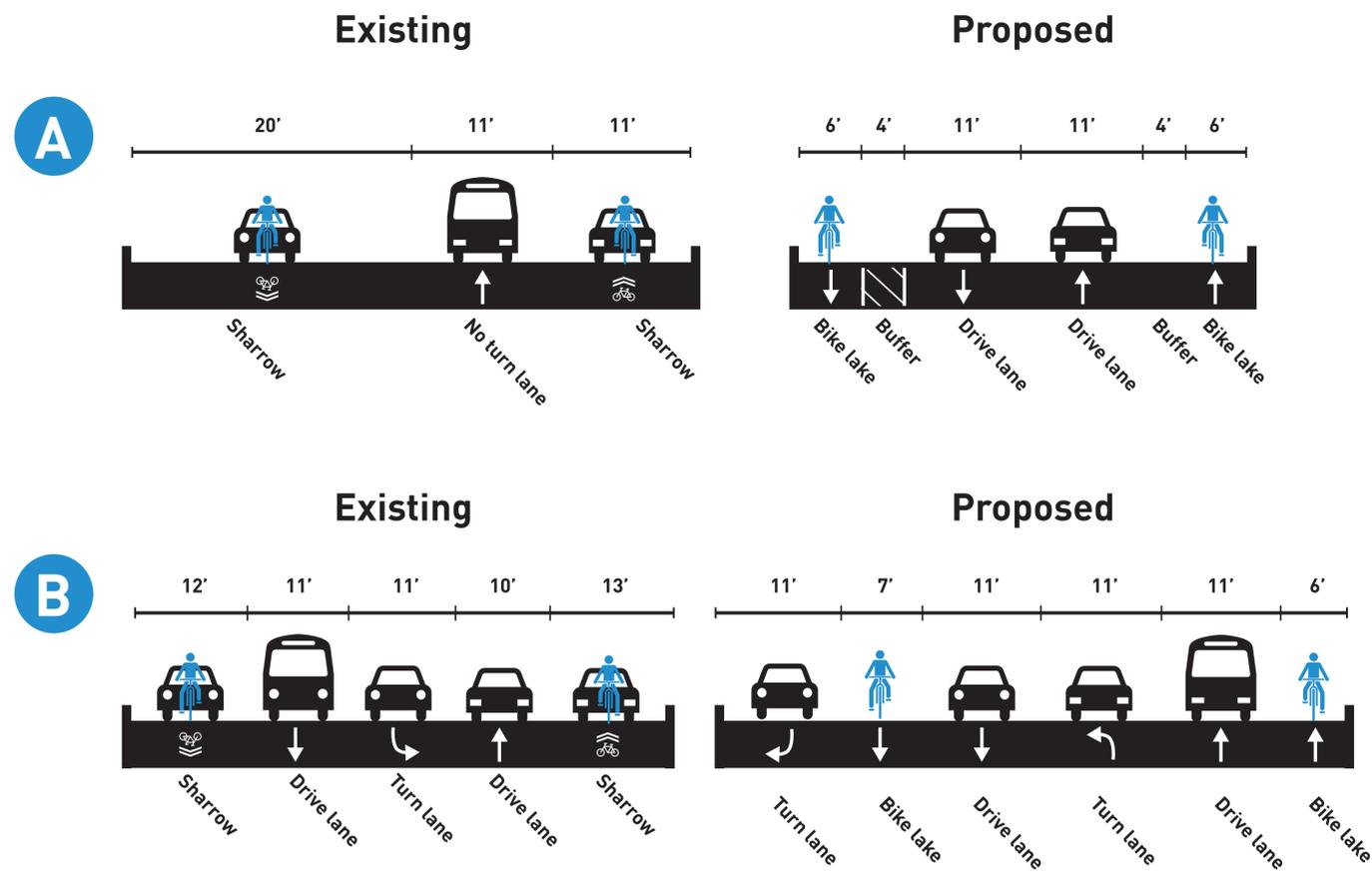
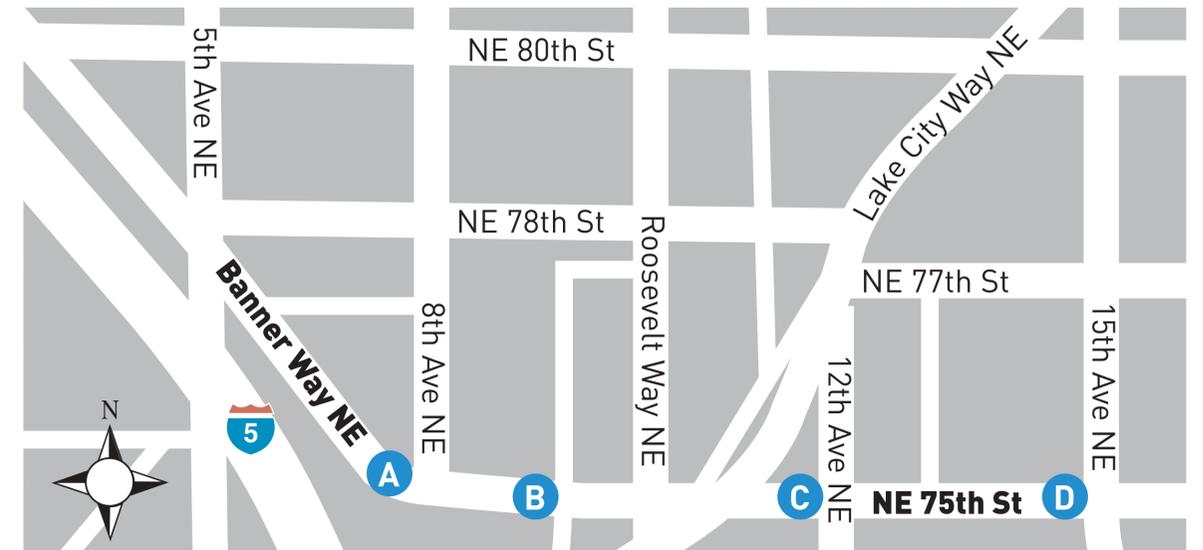
Count date: Tuesday, February 2, 2016 Times of day: 5 – 7 AM, 10 AM – 2PM, 6 – 7 PM

What we've heard: Along the Banner Way NE curve, parking utilization is “light” due to vehicles speeding around the curve and losing control. Guardrails have also been installed in response to crashes that are often a result of the high speeds around the curve.

PROPOSED CROSS SECTIONS

Banner Way NE and NE 75th St

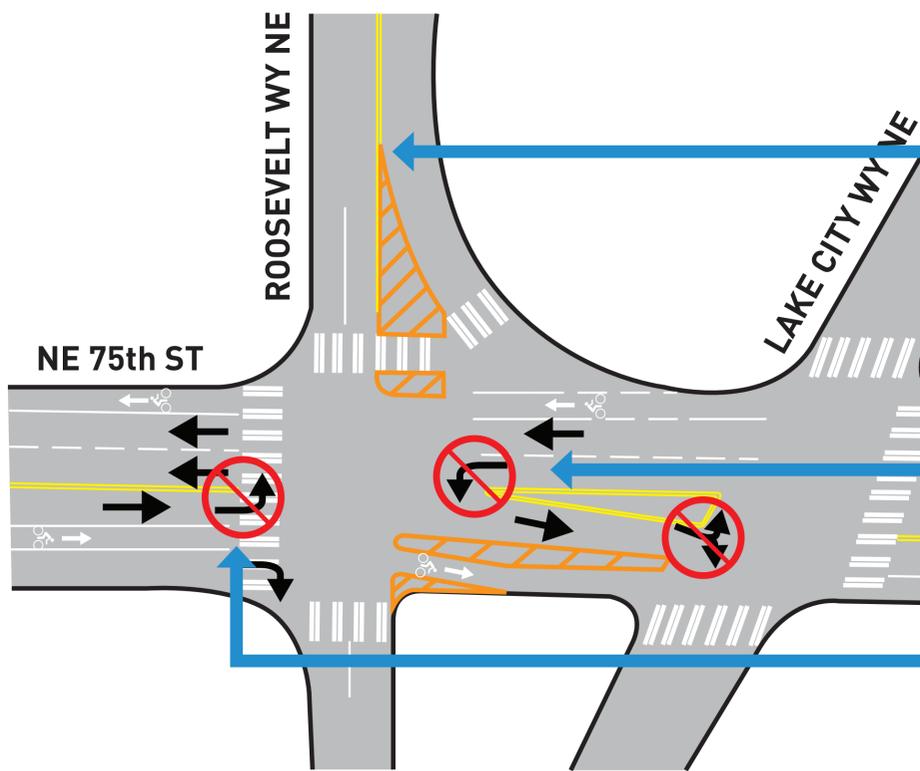
- Buffered bike lanes on Banner Way NE curve
- Standard bike lanes on NE 75th St
- Connections to bike facilities on 5th Ave NE, Roosevelt Way NE, NE 75th St



UPDATING INTERSECTION DESIGN

75th Ave NE and Roosevelt Way NE

- New left-turn signal installed for southbound Roosevelt to eastbound 75th
- New painted area, street markings to better define lanes, reduce confusion
- Remove left-turn from eastbound 75th to northbound Roosevelt
- Remove left-turn from westbound 75th to southbound Roosevelt
- NO TURNS allowed going eastbound through Lake City Way NE



Painted to visually discourage drivers from turning left from Banner Way NE to Roosevelt Way NE.

Left turns will no longer be allowed onto Roosevelt Way NE. Our traffic counts show low turning movements:

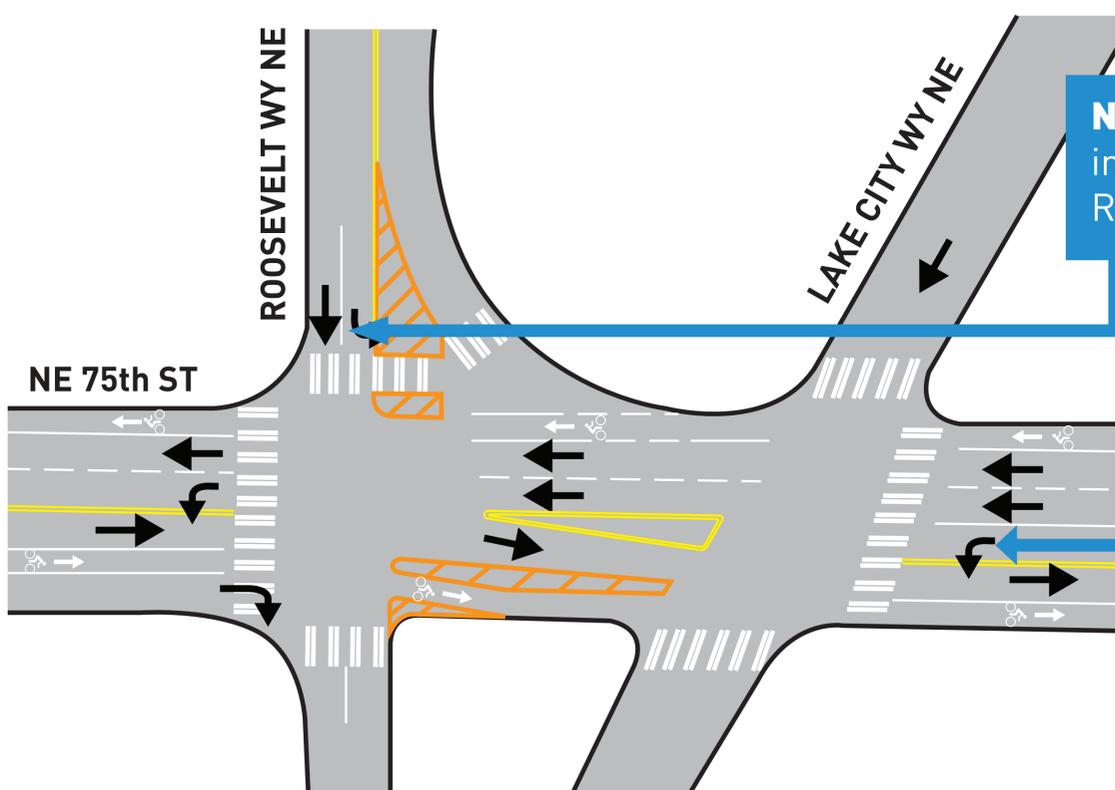
- **AM peak hour:** 6 vehicles
- **PM peak hour:** 4 vehicles

Left turns will no longer be allowed onto Roosevelt Way NE. Our traffic counts show low turning movements:

- **AM peak hour:** 11 vehicles
- **PM peak hour:** 10 vehicles

75th Ave NE and Lake City Way NE

- New left-turn signal installed for eastbound 75th to southbound Lake City Way



New left-turn traffic signal will be installed for vehicles turning left into Roosevelt Way NE.

New left-turn traffic signal will be installed for vehicles turning left into Lake City Way NE.

TRAFFIC SIGNAL COORDINATION

To accommodate the new lane configurations, we will update the traffic signal cycle s and coordinate signal timing along the corridor.

Location	AM		PM	
	Existing Cycle Length	New Cycle Length	Existing Cycle Length	New Cycle Length
Roosevelt Way NE & NE 75th St	70 secs	80 secs	90 secs	100 secs
Lake City Way NE & NE 75th St	70 secs	80 secs	90 secs	100 secs
12th Ave NE & NE 75th St	70 secs	80 secs	90 secs	100 secs
Roosevelt Way NE & NE 73rd St	90 secs	80 secs	90 secs	100 secs

TIMELINE

Banner Way NE Road Safety Corridor Project

Short-term (late 2016 or early 2017)

- New channelization
- New bike facilities
- Signal timing updates

Mid-term

- New curb ramps
- new marked crossing between 8th Ave NE, NE Banner Place
- Coordinate with Sound Transit on new curb ramps at 5th Ave NE, Banner Way NE
- Evaluate effectiveness of improvements
- Release before-and-after report

Long-term

- Potential traffic signal at 5th Ave NE, Banner Way NE

QUESTIONS OR COMMENTS?

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