



# YELLOWSTONE BLVD AND AUSTIN STREET

School Safety Improvements

Presentation to CB 6 Transportation Committee

January 5, 2017



# PROJECT AREA

## Yellowstone Blvd and Austin St

- JHS 190 Russell Sage
- High-density residential
- Senior Safety Area, nearby senior center
- Yellowstone Blvd is important north-south connection across LIRR right of way
- Austin St commercial corridor
- Q23, QM12, and QM42 buses



# BACKGROUND

## Yellowstone Blvd and Austin St

- Long, skewed intersection
- Requests from BP Katz and CB 6 for safer crosswalk on Austin St in front of JHS 190
- Requests from community and 112<sup>th</sup> Precinct to address unpermitted left turns from Yellowstone Blvd to Austin St
- Request from 112<sup>th</sup> Precinct for parking lane stripes to organize traffic and reduce side swipes



Austin St at Yellowstone Blvd looking west

# SAFETY DATA: PROJECT NEED

Pedestrian severely injured in crosswalk by left-turning driver



Yellowstone Blvd and Austin St (2010 – 2014)

- 1 severe injury
- 16 total injuries

## Yellowstone Blvd At Austin St, QN Injury Summary, 2010-2014 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	8	1	0	1
Bicyclist	1	0	0	0
Motor Vehicle Occupant	7	0	0	0
Total	16	1	0	1

Fatalities, 01/01/2010-2/1/2016 : None

Source: Fatalities: NYCDOT  
Injuries: NYSDOT  
KSI: Persons Killed or Severely Injured

# EXISTING CONDITIONS

JHS 190



Parked vehicles obscure view of pedestrians using crosswalk

Long crossing distances for pedestrians, especially seniors and children

Crosswalk is 85 feet long

Austin St at Yellowstone Blvd looking east

# EXISTING CONDITIONS

JHS 190

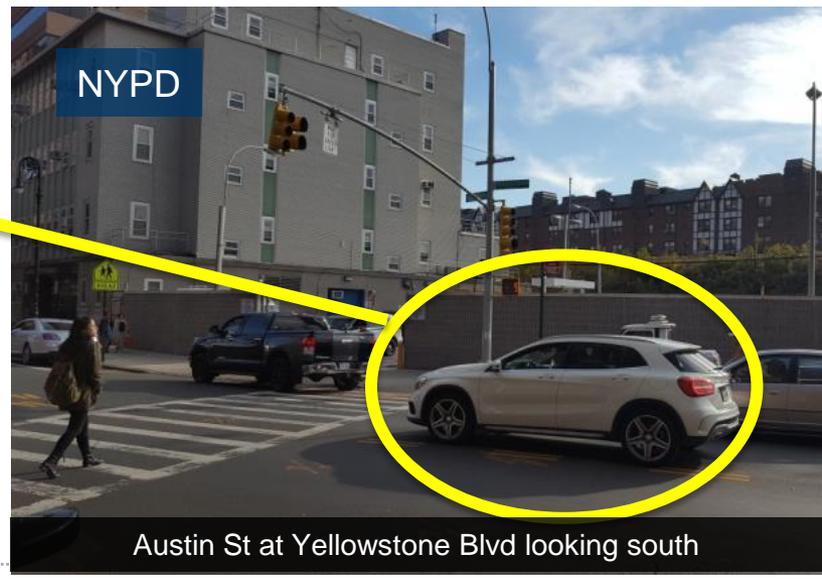
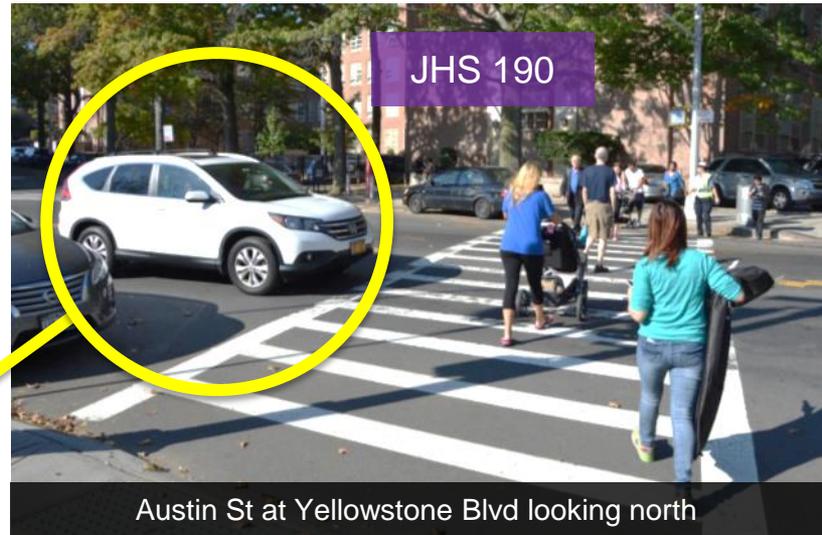


Vehicles parked in crosswalk limit visibility between pedestrians and drivers

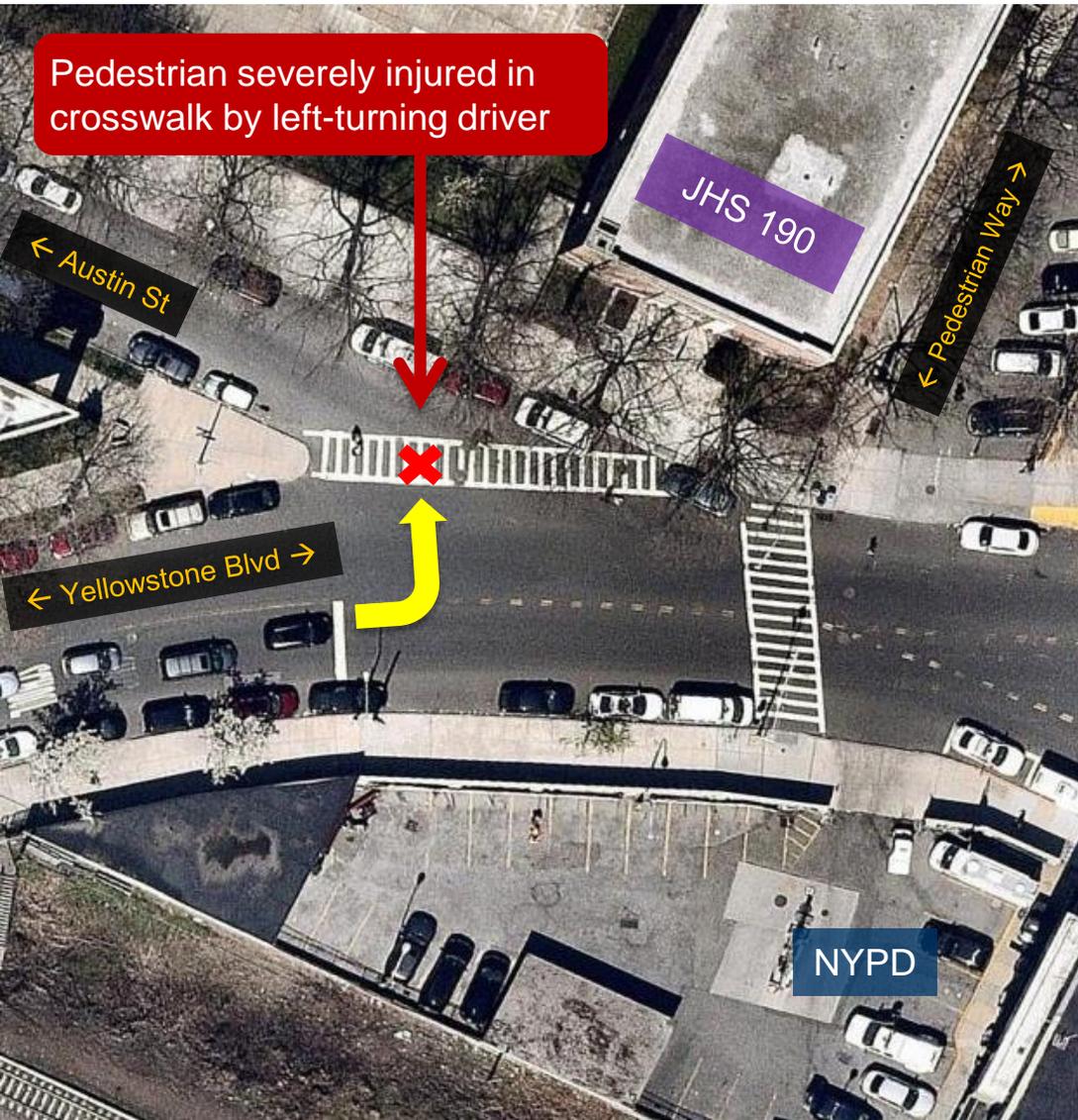


Austin St at Yellowstone Blvd looking east

# EXISTING CONDITIONS



# EXISTING CONDITIONS



Driver turning from westbound Yellowstone Blvd to eastbound Austin St against signal

Eastbound drivers turn left onto Austin St against signal

# EXISTING CONDITIONS

Crosswalk not marked on west side of intersection

Pedestrian desire line



Austin St at Yellowstone Blvd looking south

# EXISTING CONDITIONS

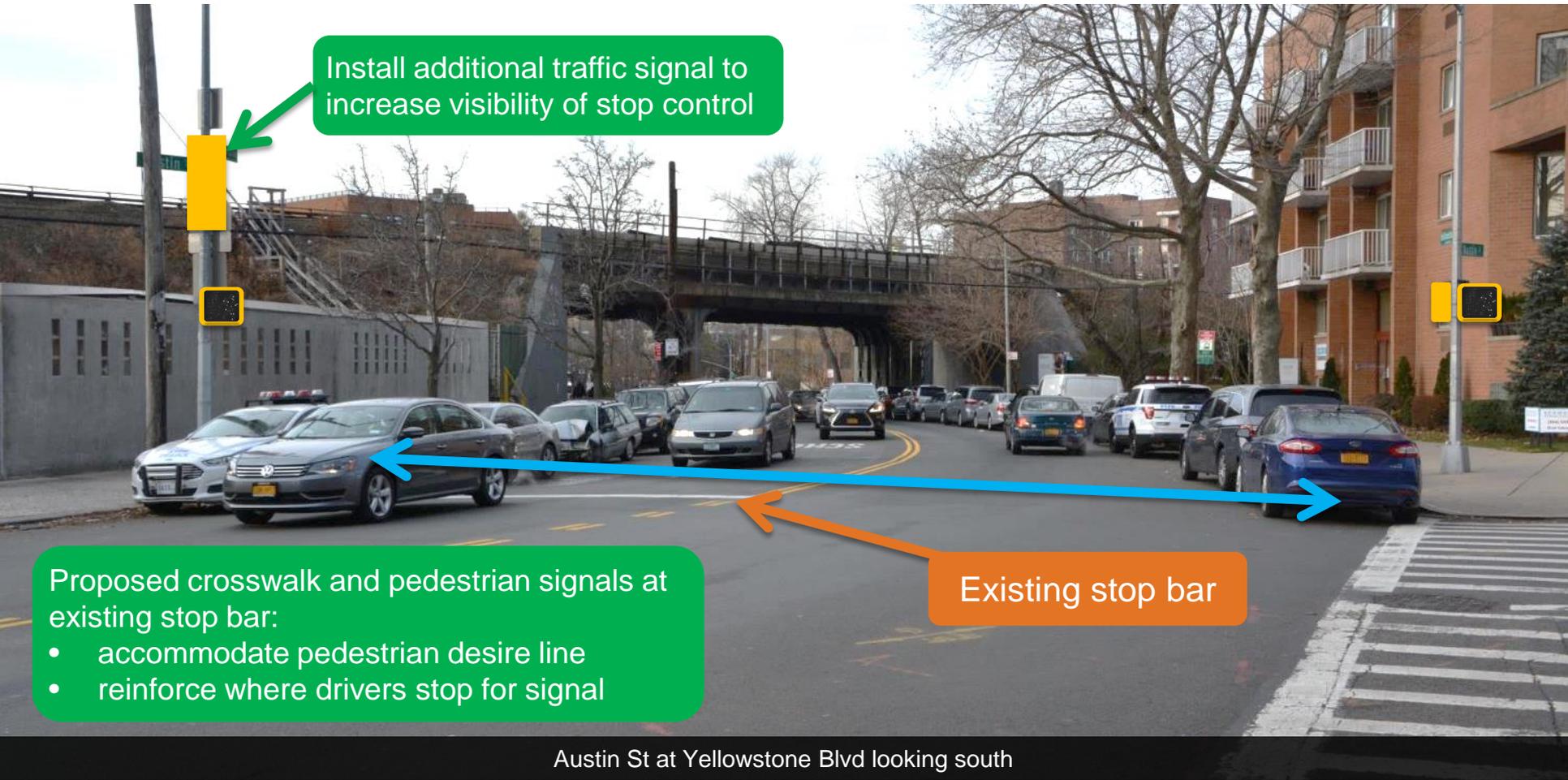
Triangle does not provide adequate space for pedestrians crossing east side of intersection to wait



Austin St at Yellowstone Blvd looking north

# PROPOSAL

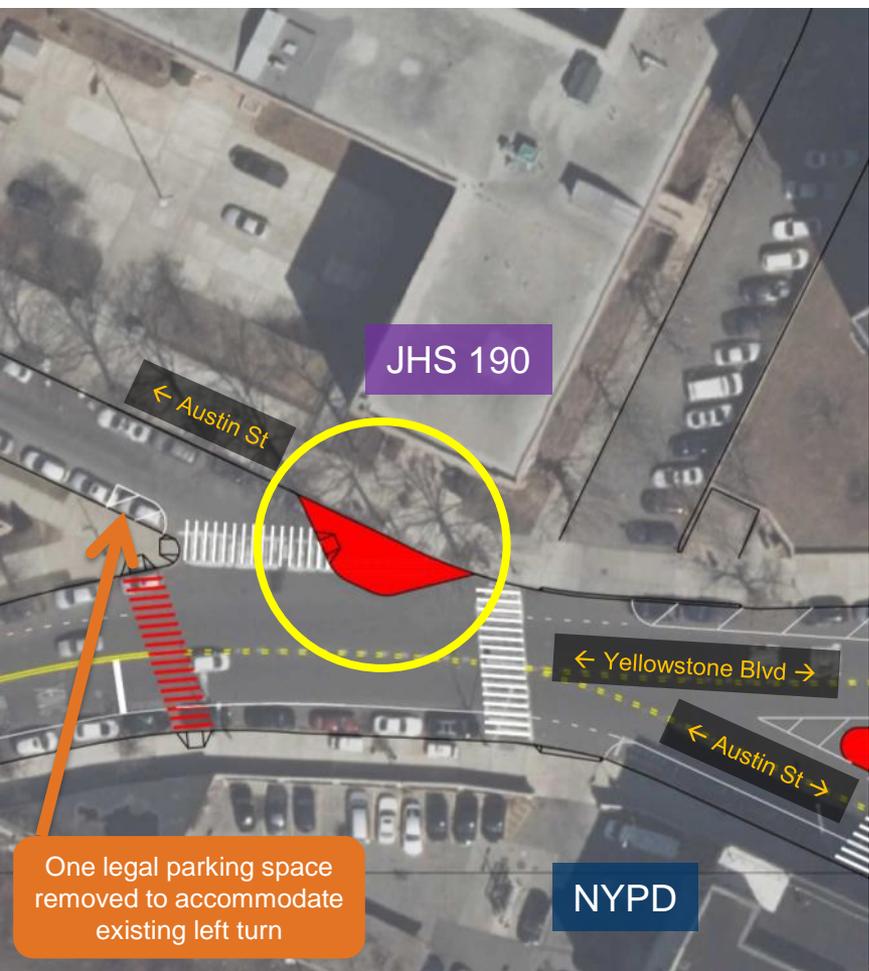
## New Crosswalk and Traffic Signal



# PROPOSAL

## Concrete curb extension in front of JHS 190

- Increases pedestrian visibility
- Controls vehicle turns onto Austin St
- Shortens pedestrian crossing distances
- Pedestrian signal indicates exclusive crossing phase



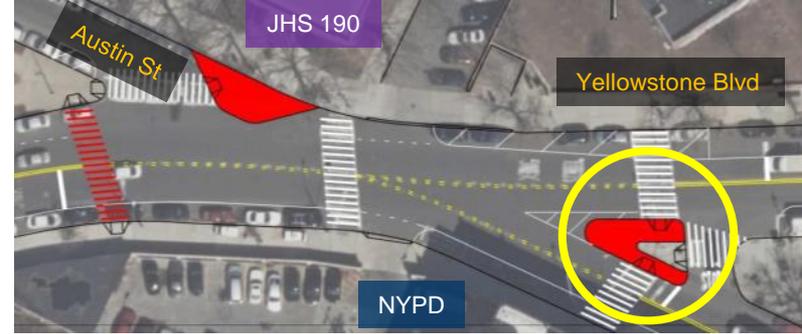
Austin St at Yellowstone Blvd looking west



Austin St at Yellowstone Blvd looking east

# PROPOSAL

## Expand Pedestrian Island

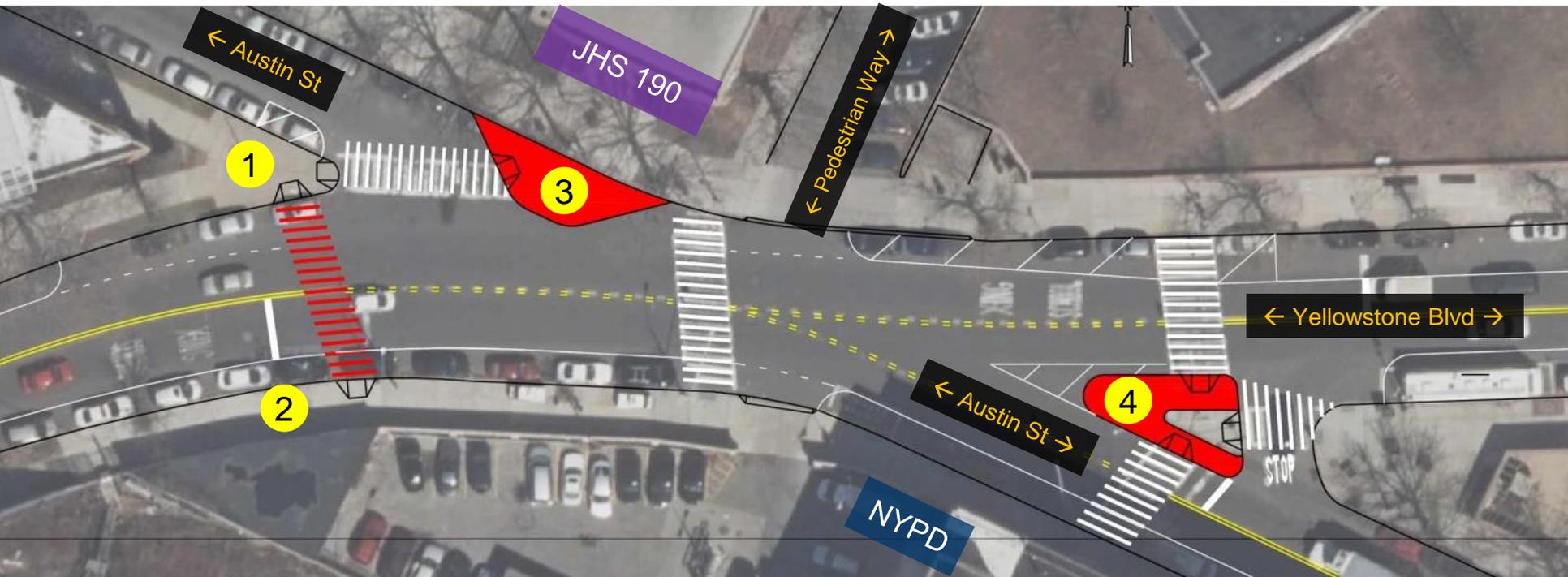


- Makes crossing ADA accessible
- Provides space to wait
- Shortens pedestrian crossing distances

Austin St at Yellowstone Blvd looking west

# SUMMARY OF PROPOSAL

1. Add new crosswalk and pedestrian signals on west leg of intersection
2. Install additional traffic signal to increase visibility
3. Install concrete curb extension in front of JHS 190 to shorten crossing and control vehicle turns
4. Expand pedestrian island on east leg of intersection to make crossing ADA-accessible



# PLAN BENEFITS

## Yellowstone Blvd and Austin St

- Reduces speeding / calms traffic
- Adds missing crosswalk and signal at busy intersection opposite JHS 190
- Safer, shorter pedestrian crossings
- Upgrades existing pedestrian island to ADA-accessible design
- Responds to community requests



Austin St at Yellowstone Blvd looking east

# THANK YOU!

## Questions?

Contact: NYCDOT Queens Borough Commissioner's Office – (212) 839-2510



NYC DOT



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