



ALEXANDER AVE, E 135 ST TO E 138 ST

School Safety Improvements

Shared with Community Board 1 | March 2019



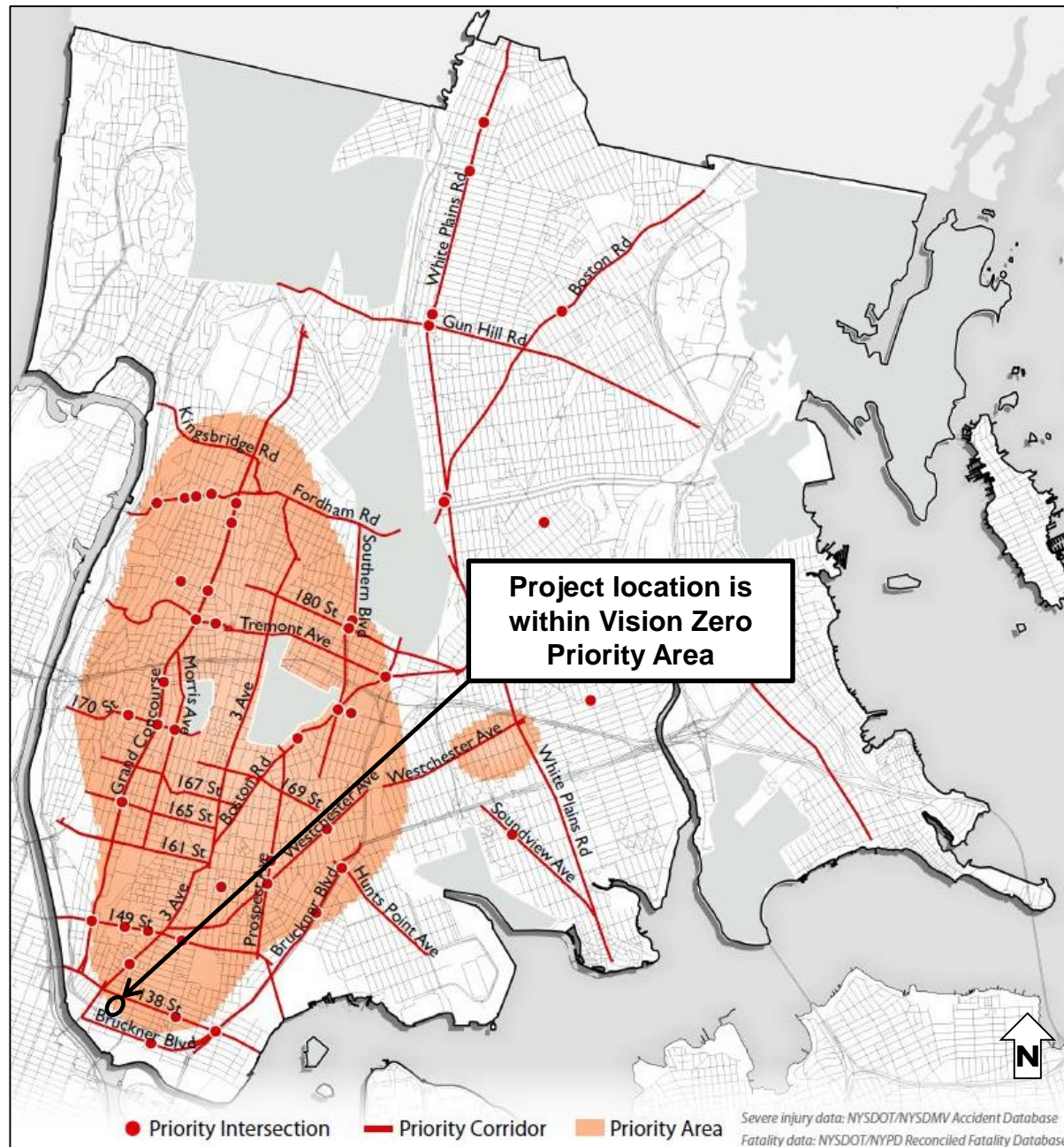
Alexander Ave (E 135 St to E 138 St)

Vision Zero

- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2019
- Priority Intersections, Corridors, and Areas identified for each borough

Alexander Ave (E 135 St – E 138 St)

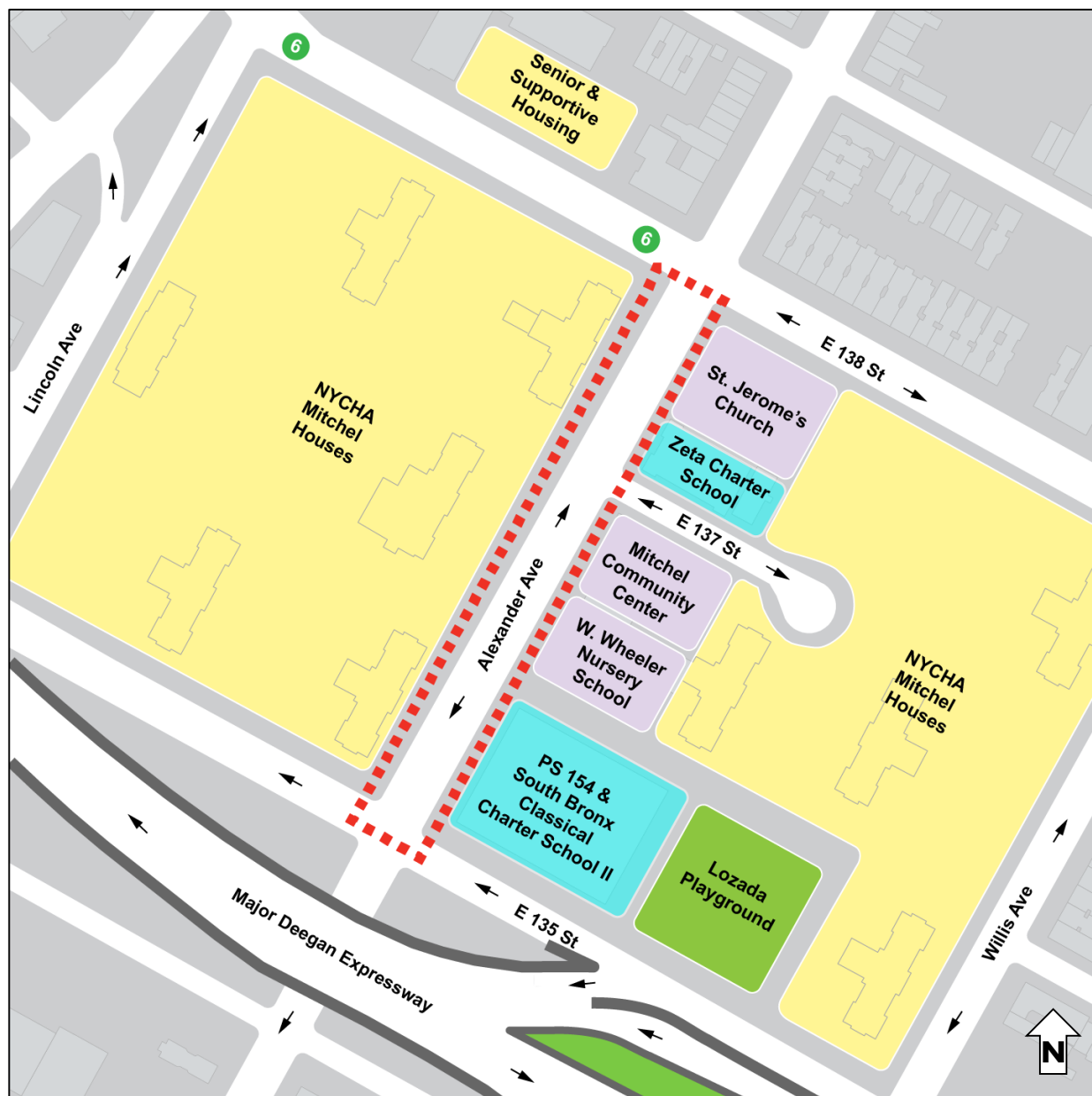
- Alexander Ave is in a Vision Zero Priority Area
- Alexander Ave is in a DOT Senior Safety Area



Background

Project Location

- PS 154, South Bronx Classical Charter School II, and Zeta Bronx 1 Elementary located on Alexander Ave
- High volumes of student pedestrians
- Community center, church, nursery located on Alexander Ave
- High density housing developments
- Senior and supportive housing on E 138 St west of Alexander Ave
- Proximity to Major Deegan Expressway



Background

Safety Data

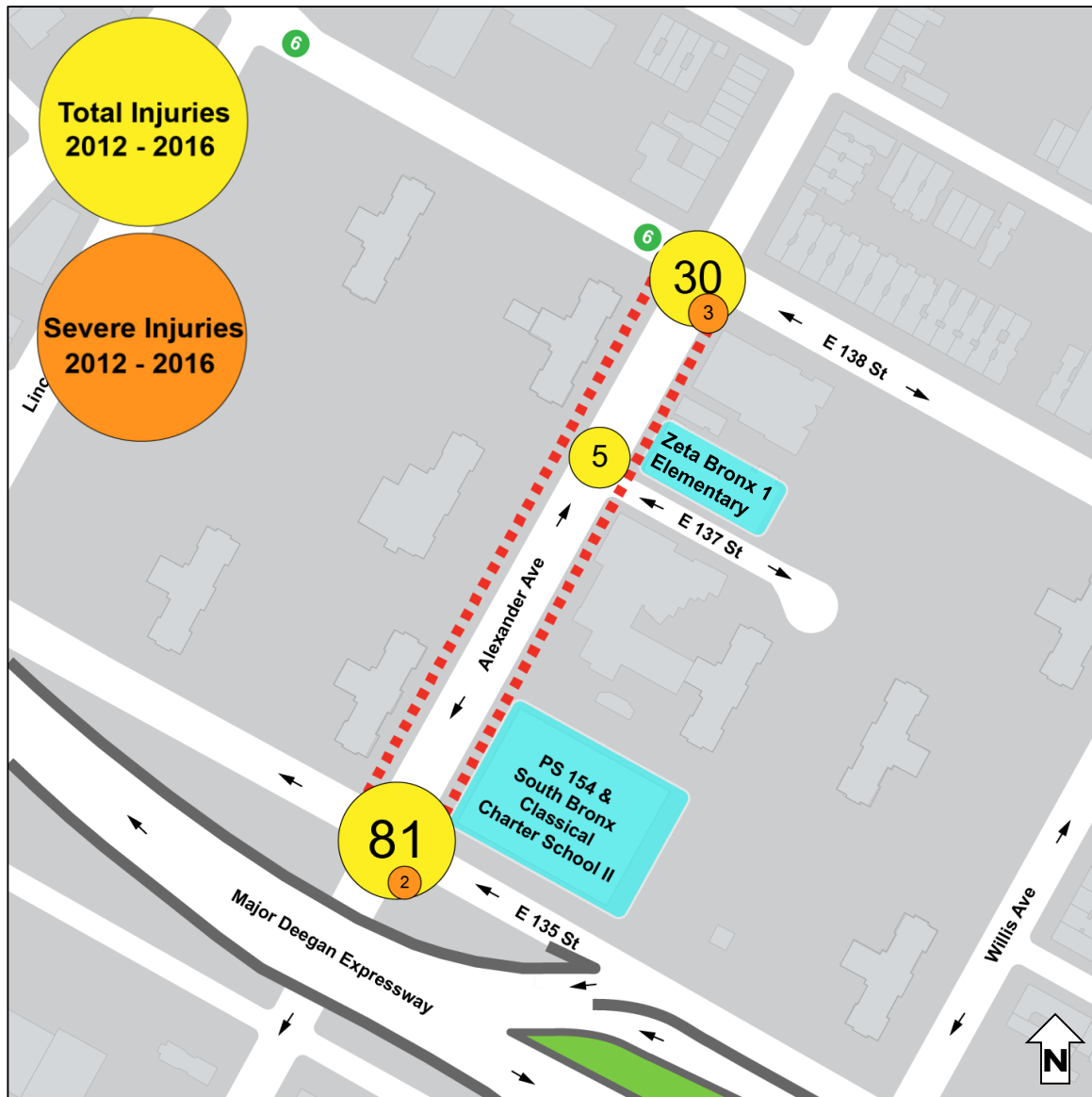
- 116 total injuries
- 25% of pedestrian injuries at uncontrolled intersections

Injuries (2012 – 2016)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	10	1	0	1
Bicyclist	4	0	0	0
Motor Vehicle Occupant	102	4	0	4
Total	116	5	0	5

Source: Fatalities: NYCDOT
Injuries: NYSDOT

KSI: Persons killed or severely injured



Alexander Avenue, E 135 Street to E 138 Street

Existing: Wide roadway between NYCHA and schools

70' wide roadway with angled and parallel parking



Alexander Ave, looking north at East 136 St

Alexander Avenue, E 135 Street to E 138 Street

Existing: Long crossings & long distances between crossings

Pedestrians cross between existing signalized crossings



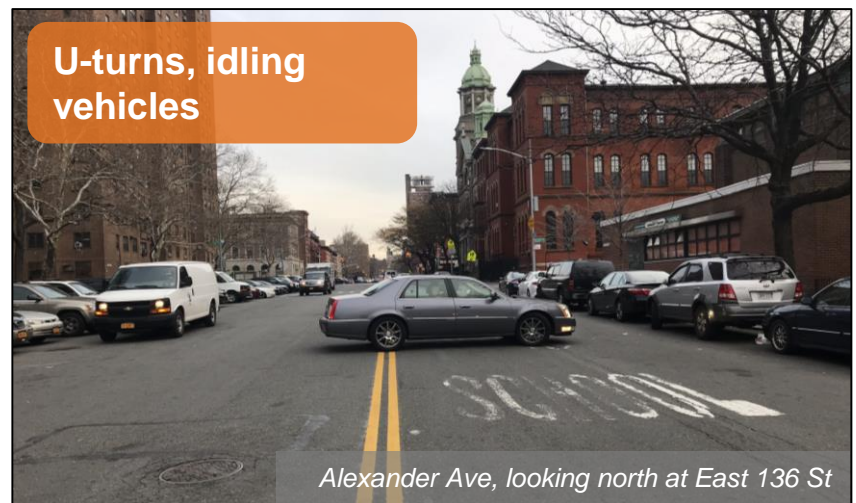
Double parking outside of schools



Unpredictable vehicle movements



U-turns, idling vehicles



Alexander Avenue, E 135 Street to E 138 Street

Existing: Wide roadway between NYCHA and schools

Unmarked parking spots are used inefficiently, leaving space between vehicles which could accommodate additional parking



Alexander Ave, looking west at East 137 St

Alexander Avenue, E 135 Street to E 138 Street

Proposal: Safer, shorter pedestrian crossings

Stripe parking spots for more efficient use

Two new signalized pedestrian crossings

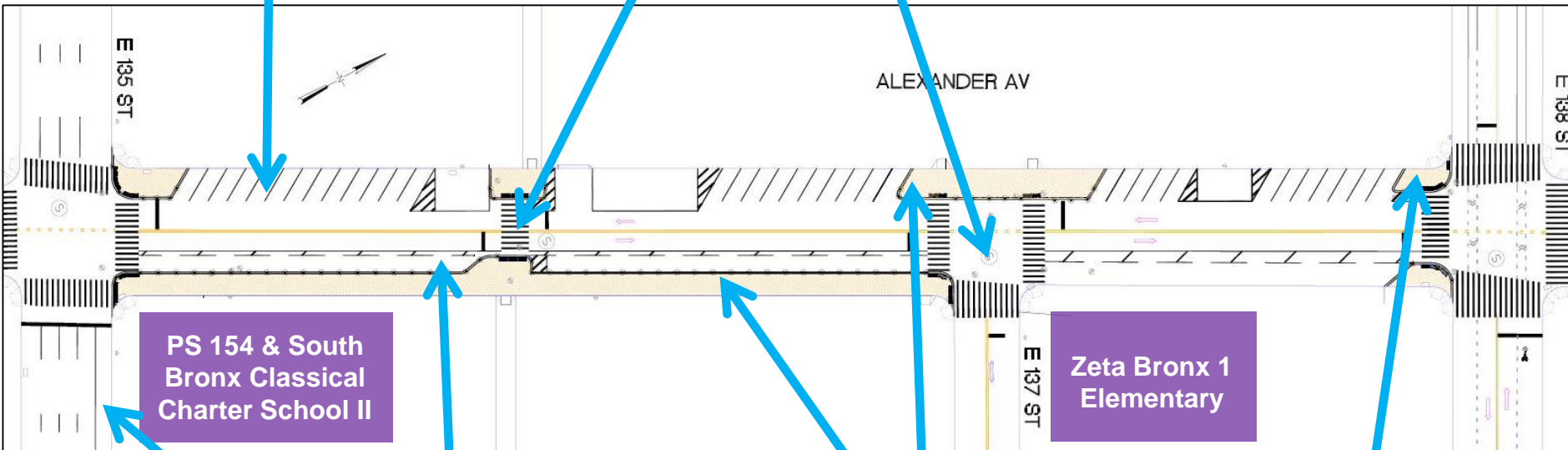
Narrow travel lanes to discourage speeding and unpredictable vehicle movements

PS 154 & South Bronx Classical Charter School II

Zeta Bronx 1 Elementary

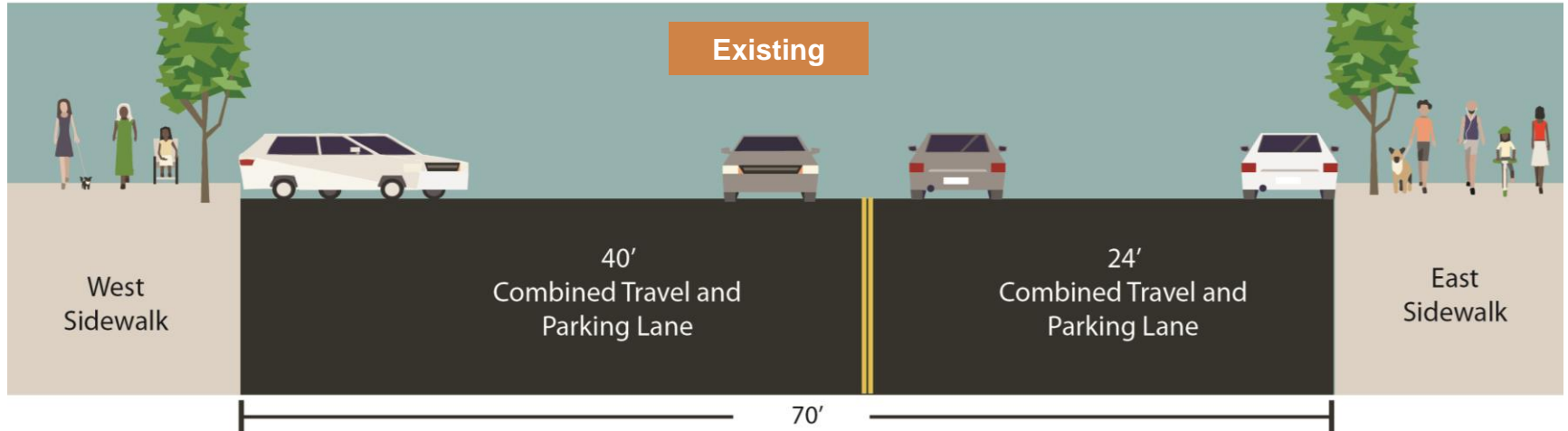
School loading zones

Painted curb extensions to shorten crossing distances and improve visibility



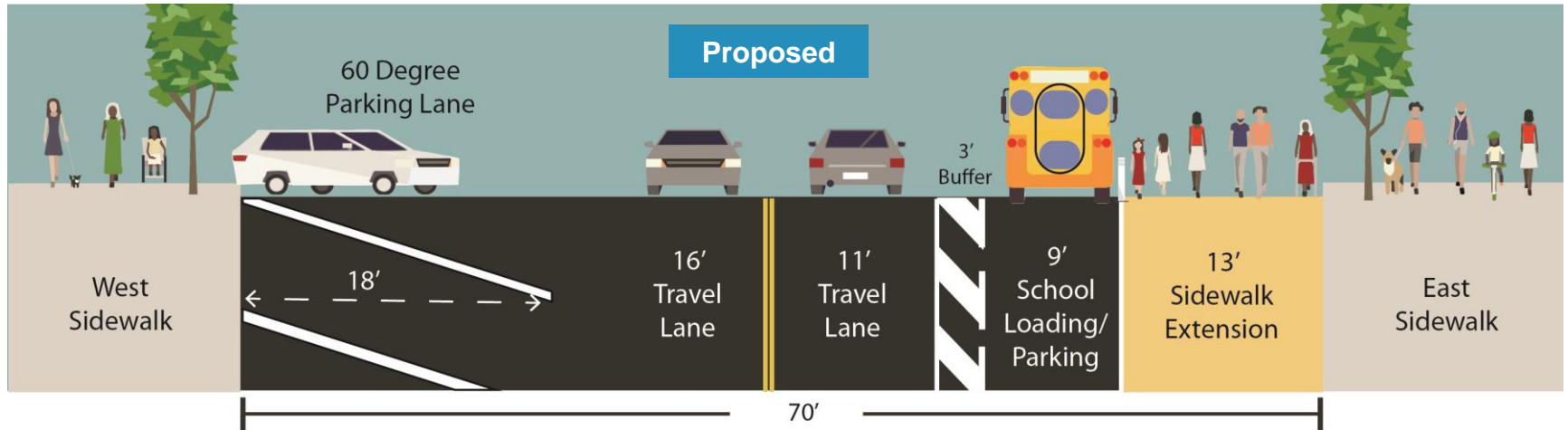
Alexander Avenue, E 135 Street to E 137 Street

Proposal Detail: Safer, shorter pedestrian crossings



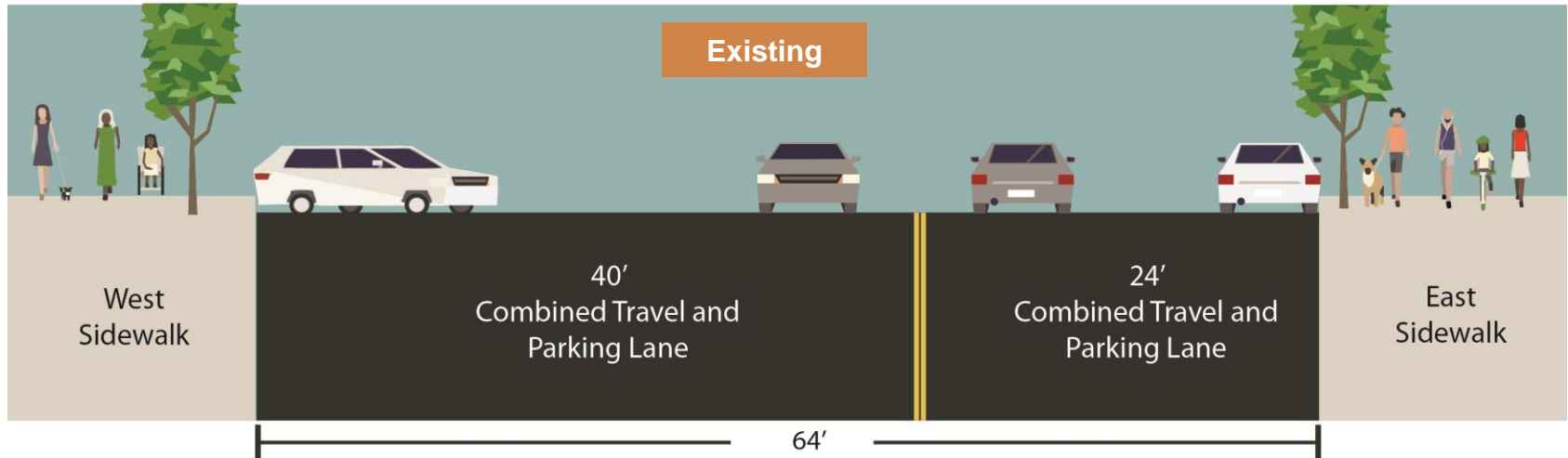
Organized vehicle movements

Safer, shorter crossings



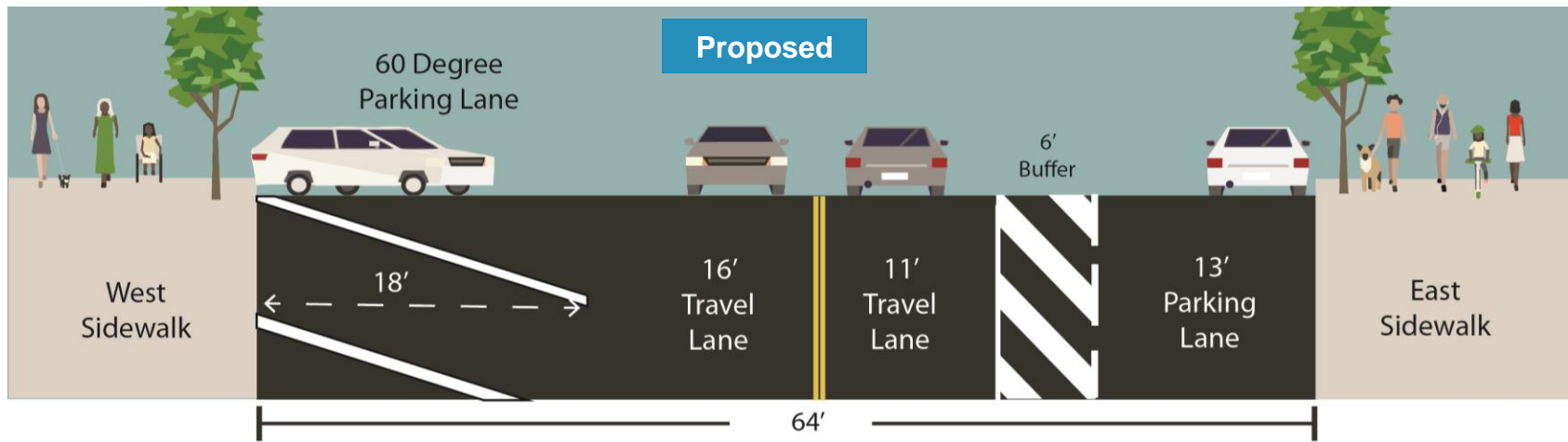
Alexander Avenue, E 137 Street to E 138 Street

Proposal Detail: Safer, shorter pedestrian crossings



Organized vehicle movements

Safer, shorter crossings



Alexander Avenue, E 135 Street to E 138 Street

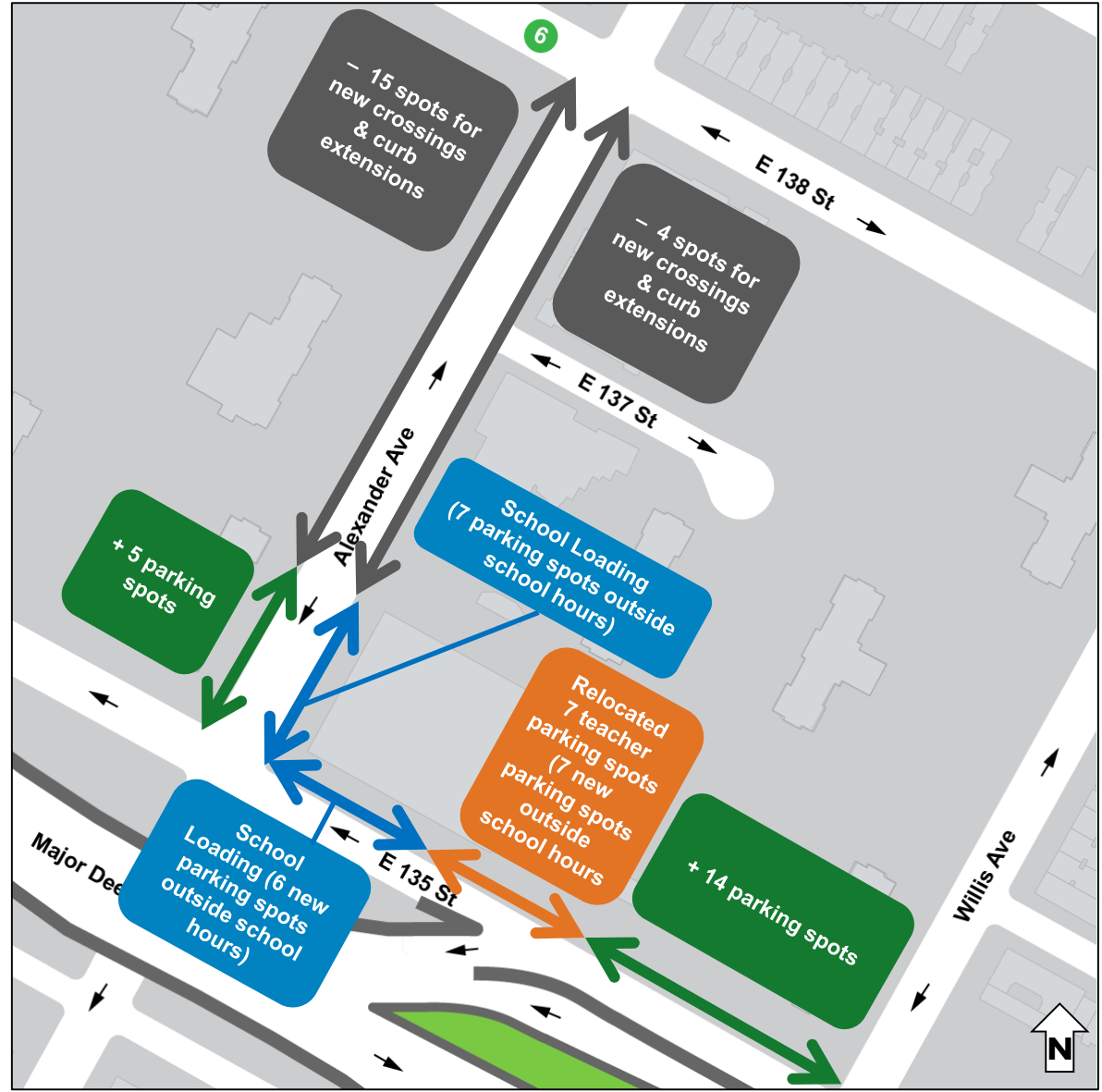
Proposal Detail: Painted Curb Extensions

- Shorten pedestrian crossings
- Control vehicle turns
- Increase pedestrian visibility
- Planters would require a maintenance partner



Alexander Ave (E 135 St to E 138 St) New School Loading Zones

- **Create 2 new school loading zones** to reduce double parking and improve safety
 - **Loading zone on Alexander Ave** (7 community parking spots outside school hours)
 - **Loading zone on E 135 St** (6 community parking spots outside school hours)
- **Remove 19 parking spots** on Alexander Ave for new crossings and curb extensions
- **Add 5 parking spots** on Alexander Ave by adding angle parking from E 135th St to E 136th St
- **Relocate teacher parking** from Alexander Ave to E 135 St (no changes to the number of spots)
- **Add 14 parking spots** on E 135 St



Net parking gain: 13 new community parking spots outside school hours

Alexander Avenue (E 135 Street to E 138 Street) NYC DOT Asphalt Art Program

- NYC DOT Art selects 5-7 sites for Asphalt Art Program every year
- School Safety proposed Alexander Ave a potential Asphalt Art site
- Temporary murals are drawn on selected sites by artists commissioned by NYC DOT
- No guarantee that Alexander Ave site will be selected, but CB support is necessary for site to be considered
- Safety improvements could move forward regardless of whether project was selected for art program





THANK YOU!

Contact: NYCDOT Bronx Borough Commissioner's Office – (212) 748-6680



NYCDOT



nyc_dot



nyc_dot



NYCDOT