

Safety Improvements near Lenox Ave and 145th St

2015



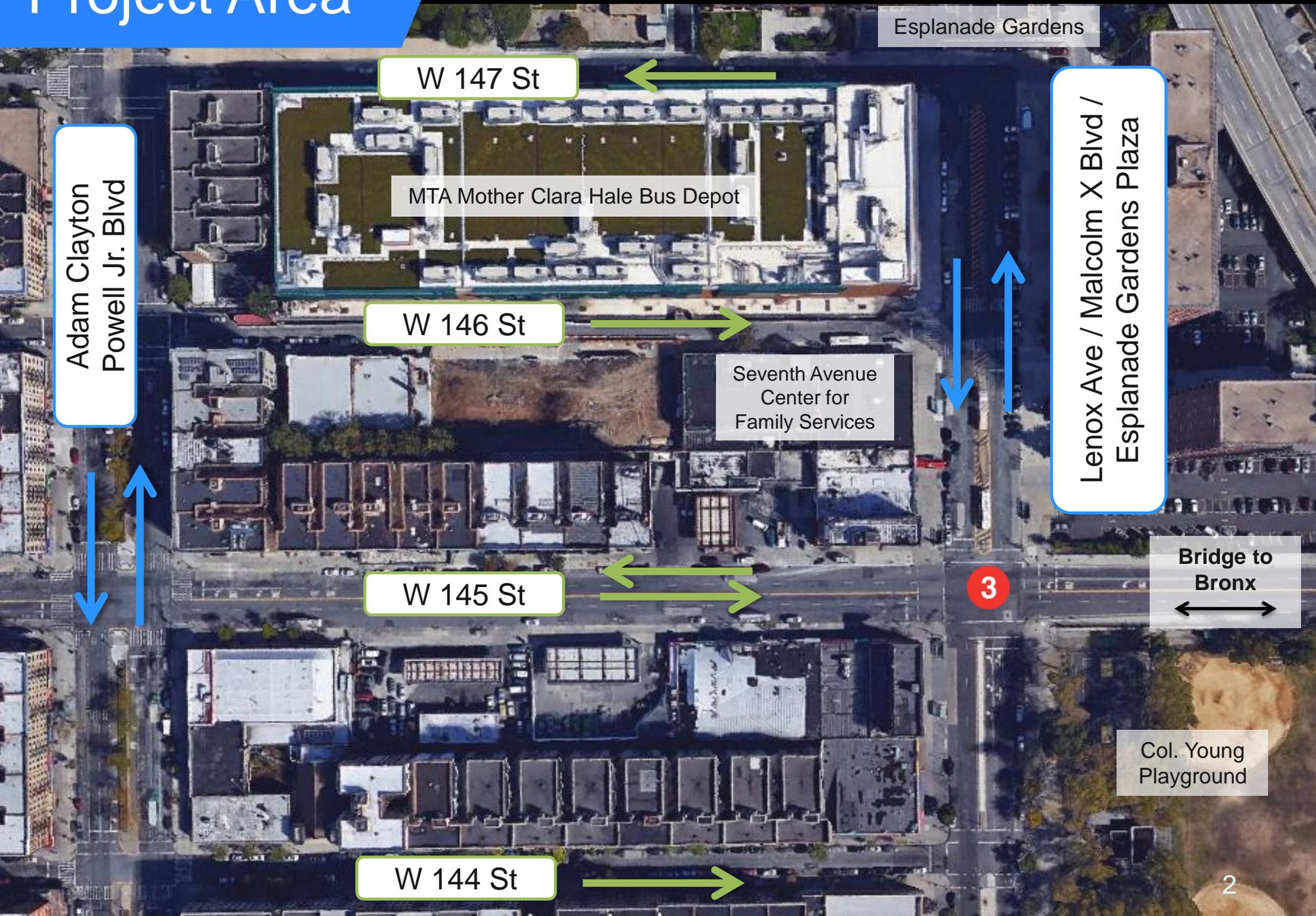
**VISION
ZERO**

NEW YORK CITY



New York City Department of Transportation
Presented by the Pedestrian Projects Group on March 10, 2015
to Manhattan Community Board 10 Transportation Committee

Project Area



Esplanade Gardens

W 147 St

Adam Clayton
Powell Jr. Blvd

MTA Mother Clara Hale Bus Depot

W 146 St

Seventh Avenue
Center for
Family Services

Lenox Ave / Malcolm X Blvd /
Esplanade Gardens Plaza

W 145 St

Bridge to
Bronx

3

Col. Young
Playground

W 144 St

2

Lenox Ave between W 144 St and W 147 St



Existing Issues

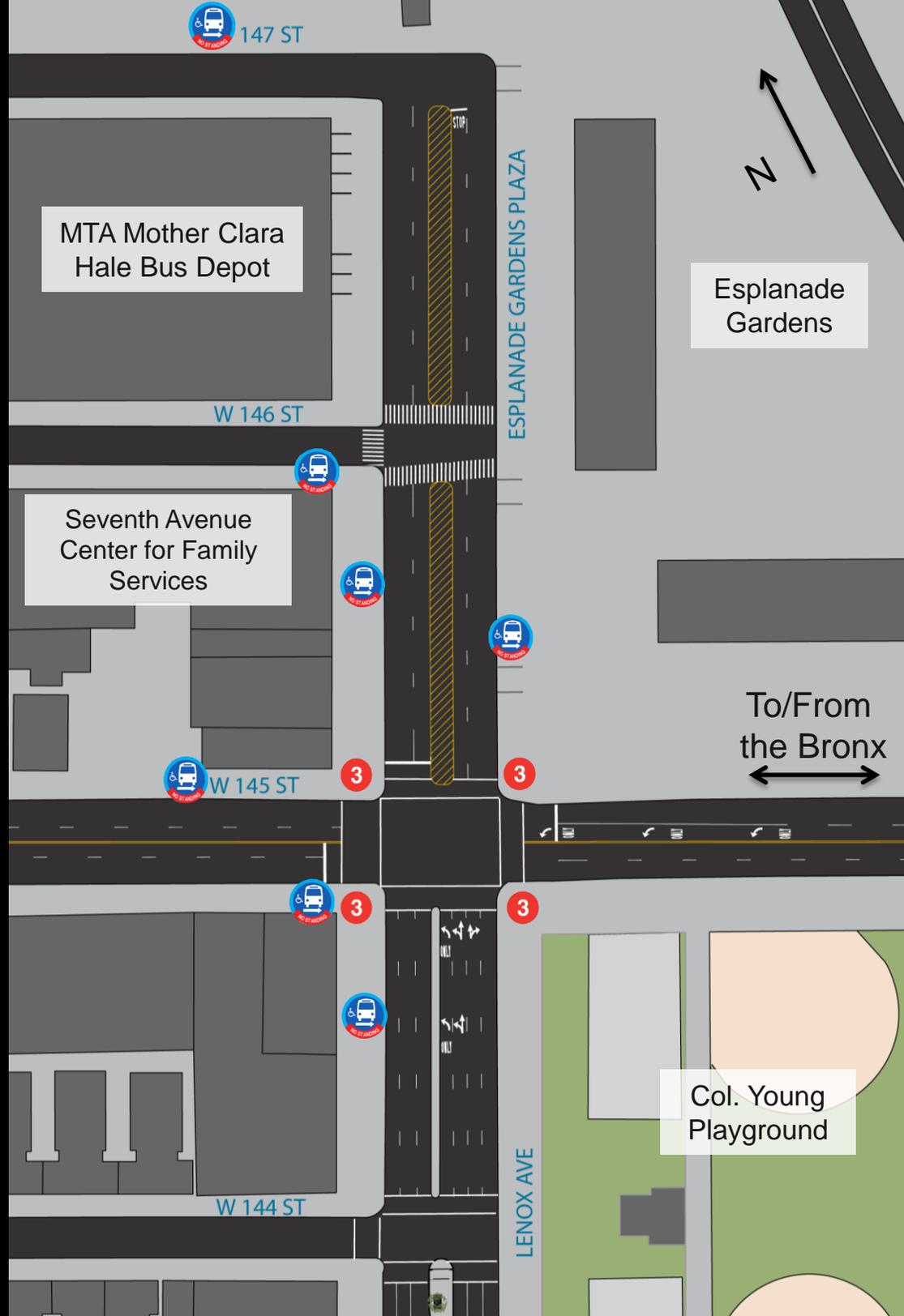
Lenox Ave, W 145 St – W 147 St

- High crash corridor, with 61 injuries between W 144 St and W 147 St (2009 – 2013, NYPD Crash Data)
 - 15 pedestrian injuries
 - W 145 St - 51 injuries, 3 severe
 - 5% of Manhattan intersections had more KSI (Killed or Severely Injured), and 2% had more injuries
- Significant traffic volume to and from the 145 St Bridge
- Double northbound left turns at W 145 St
- High pedestrian volumes
 - Subway entrance/exit (3 train)
 - Midblock crossing
- Bus traffic
 - Renovated Bus Depot
 - Idling in median
- Underutilized road space north of W 145 St



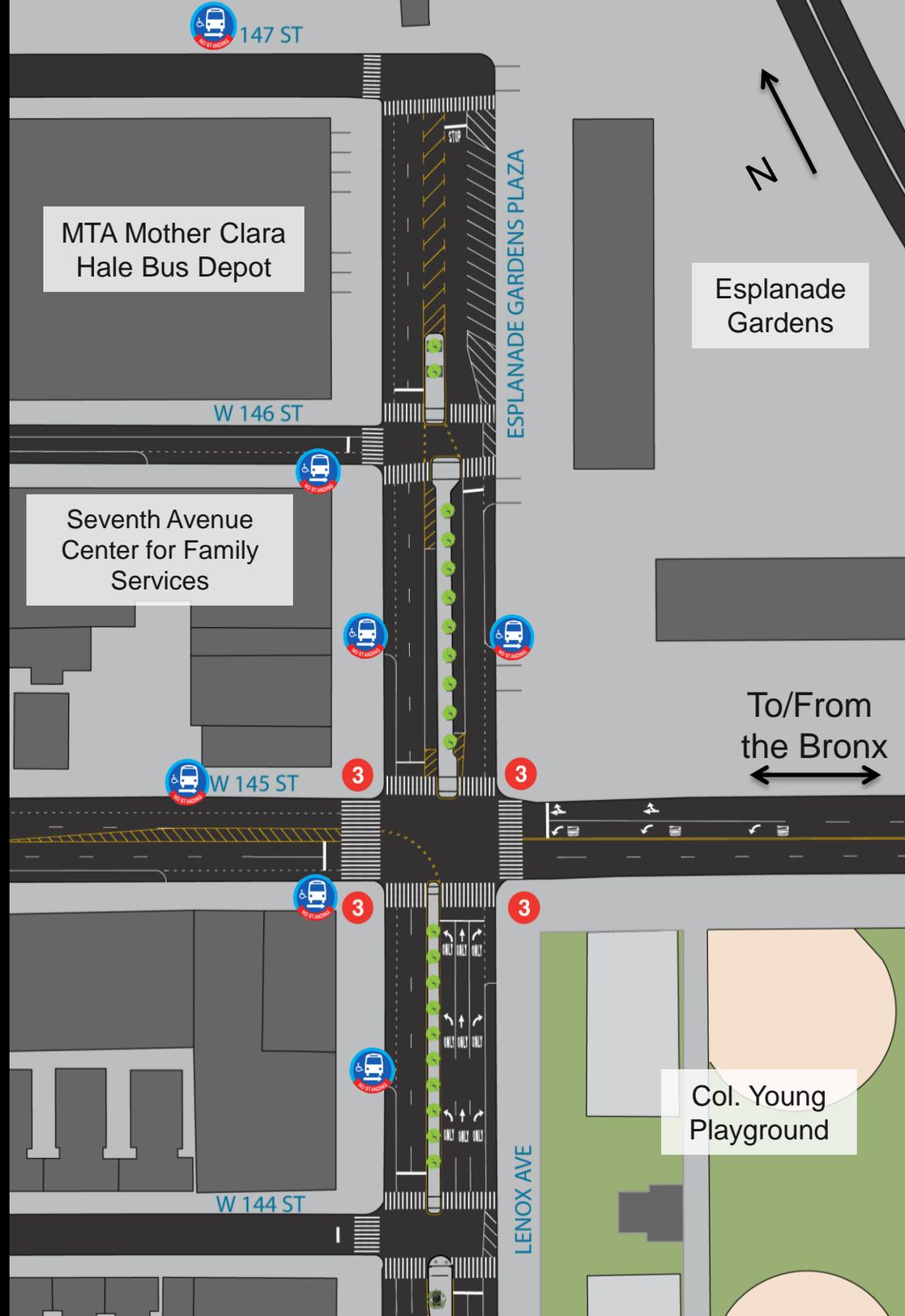
Existing Conditions

Lenox Ave
W 144 St to W 147 St



Proposed Plan

Lenox Ave W 144 St to W 147 St



Improve Pedestrian Safety

W 145 St – W 147 St

Add high-visibility crosswalks and ped ramps

MTA Mother Clara Hale Bus Depot

W 147 ST

W 146 ST

ESPLANADE GARDENS PLAZA

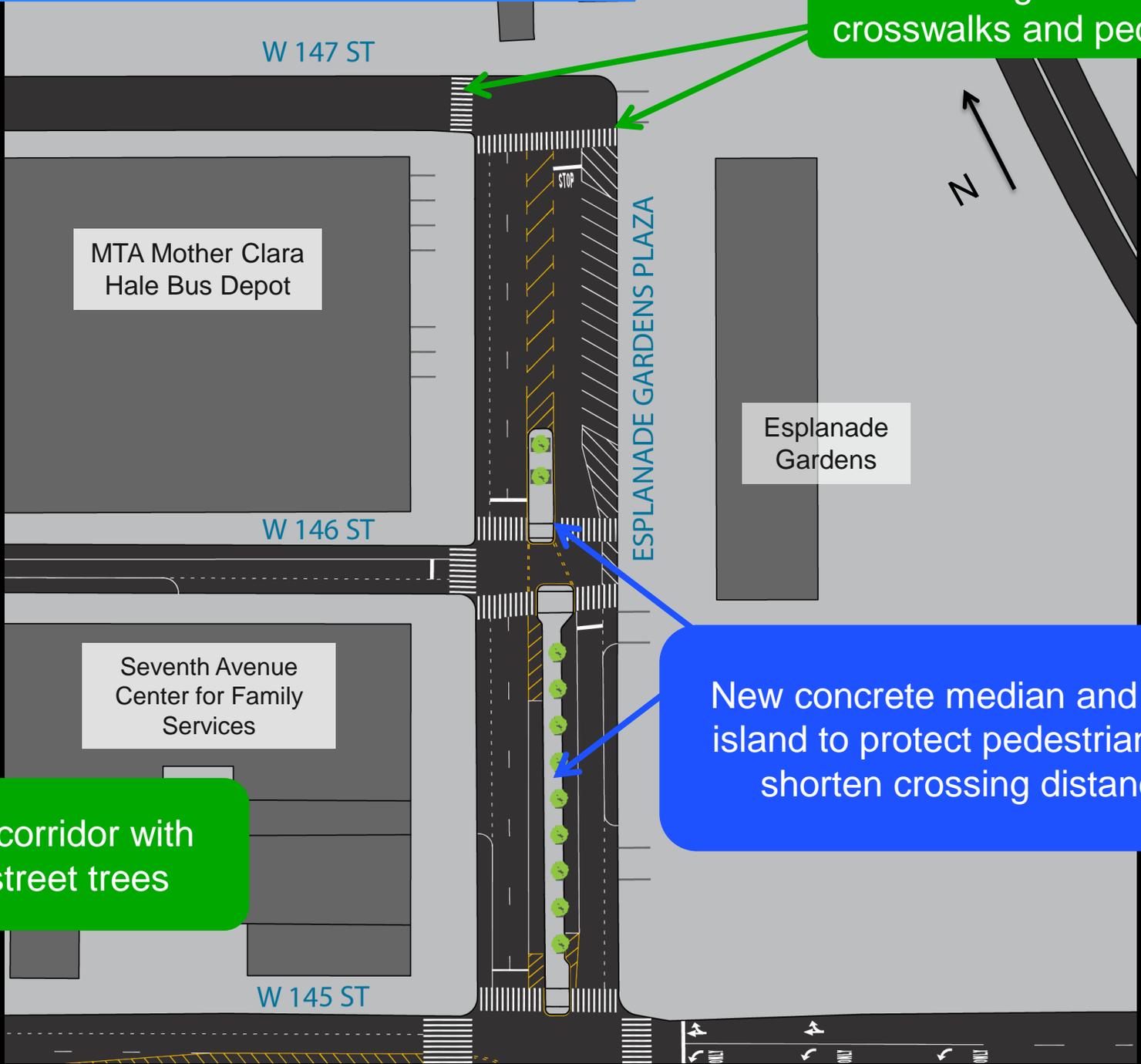
Esplanade Gardens

Seventh Avenue Center for Family Services

W 145 ST

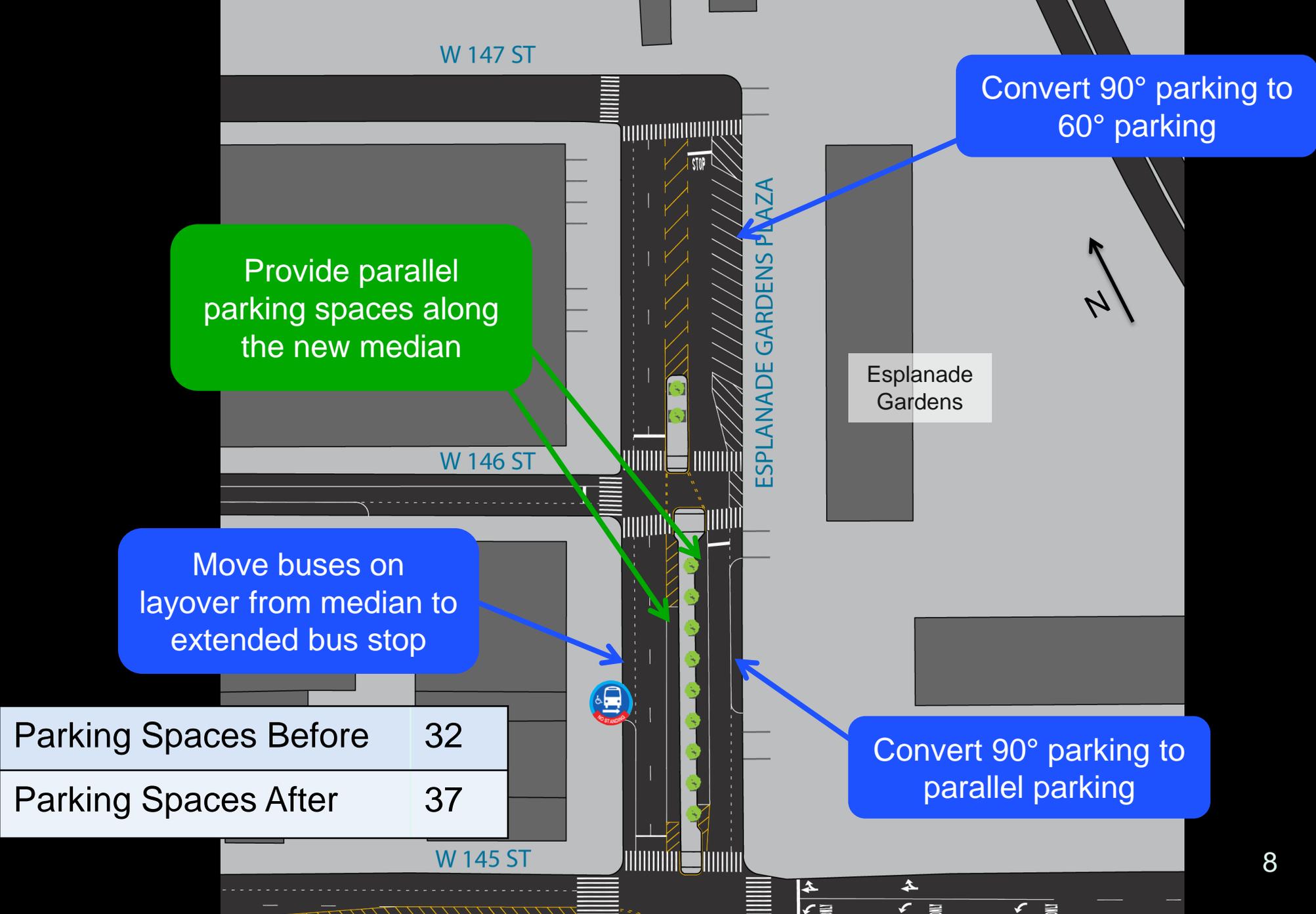
New concrete median and safety island to protect pedestrians and shorten crossing distances

Green corridor with new street trees



Parking and Bus Circulation

W 145 St to W 147 St



Existing Conditions

Lenox Ave, W 145 St – W 147 St



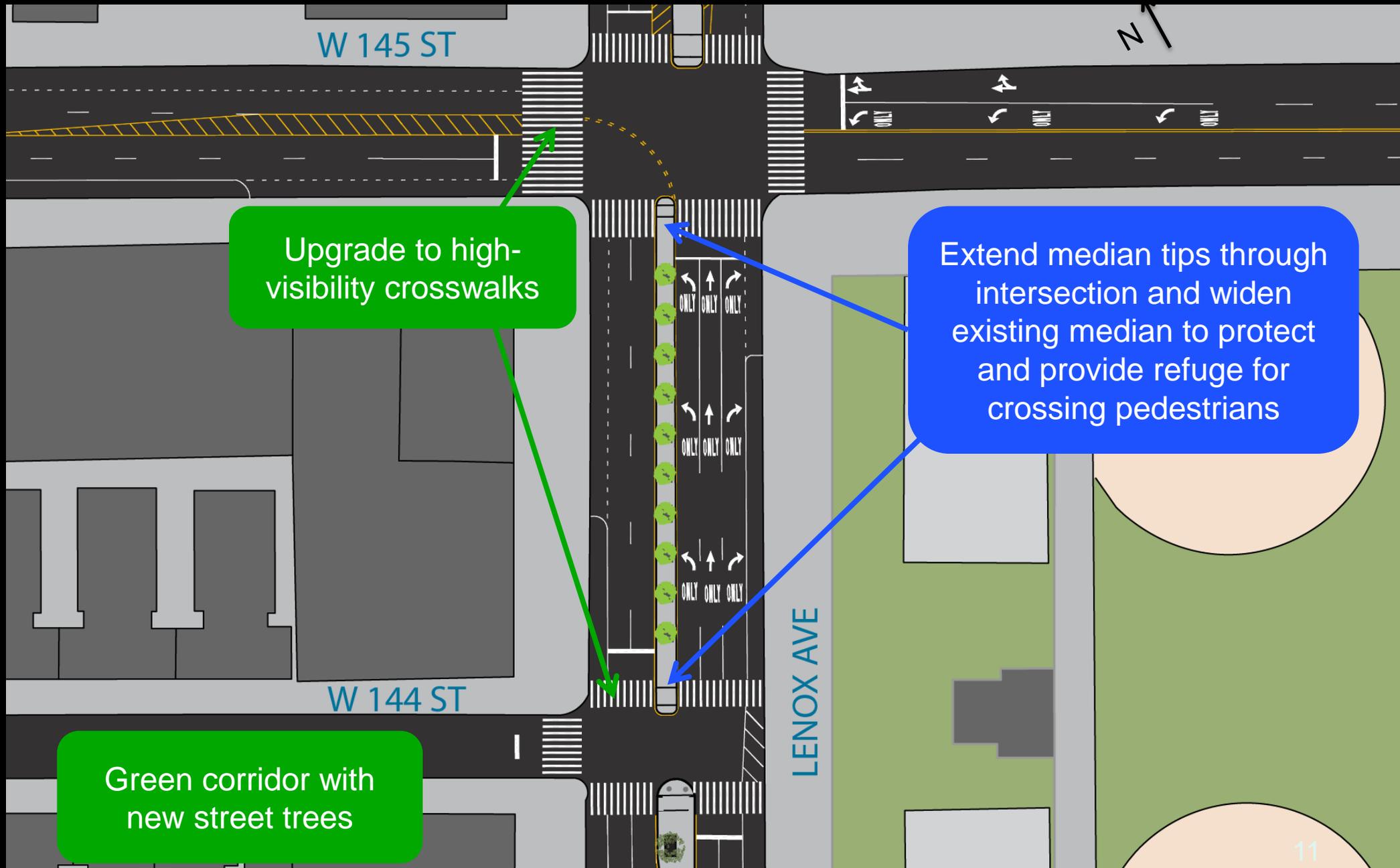
Rendering

Lenox Ave, W 145 St – W 147 St



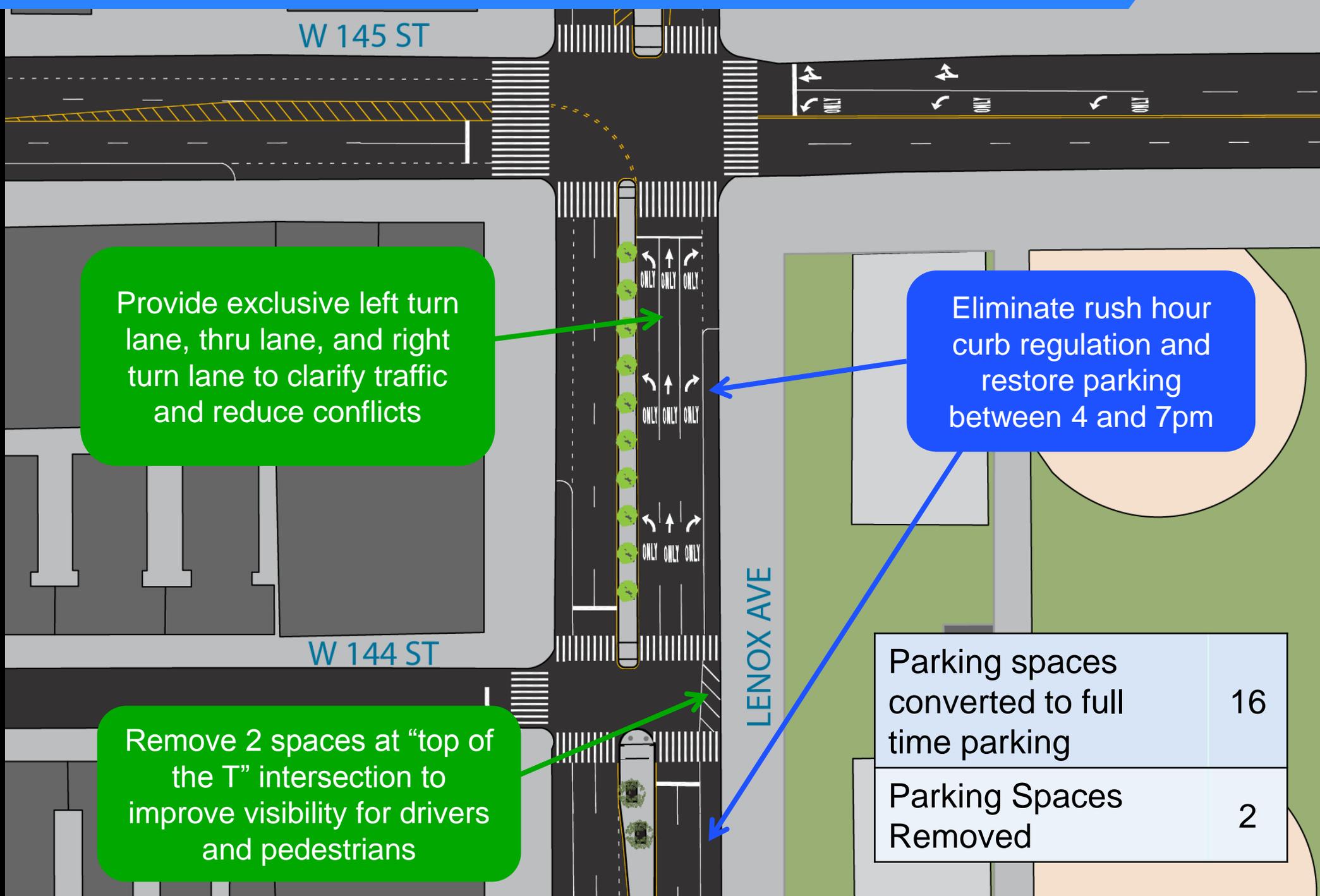
Improve Pedestrian Safety

W 144 St – W 145 St



Lane Configuration and Curb Regulations

W 143 St to W 145 St



Provide exclusive left turn lane, thru lane, and right turn lane to clarify traffic and reduce conflicts

Eliminate rush hour curb regulation and restore parking between 4 and 7pm

Remove 2 spaces at "top of the T" intersection to improve visibility for drivers and pedestrians

Parking spaces converted to full time parking	16
Parking Spaces Removed	2

Adam Clayton Powell Jr Blvd and W 145 St



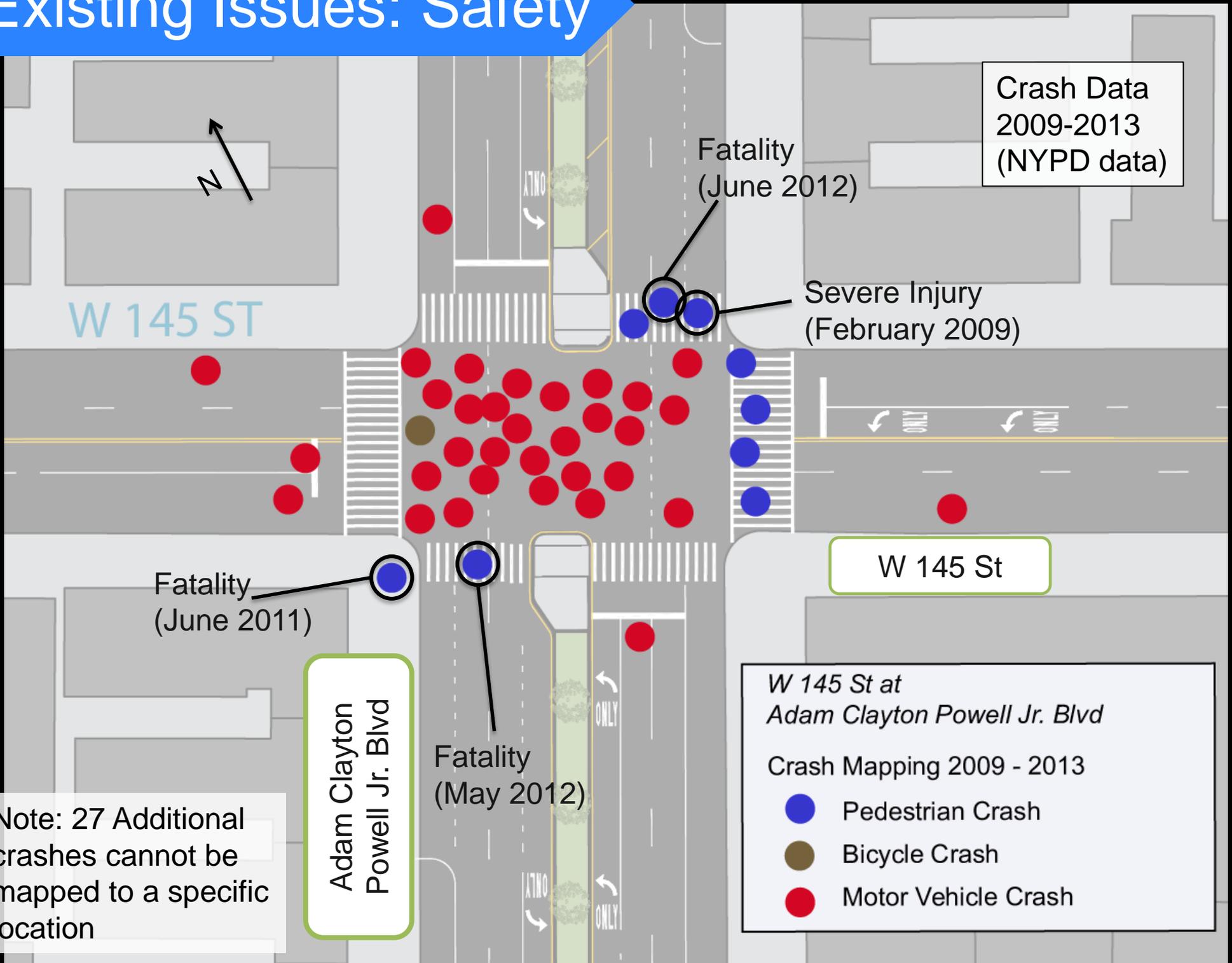
Existing Issues

Adam Clayton Powell Jr Blvd and W 145 St

- Adam Clayton Powell Jr Blvd and W 145 St is a Vision Zero Priority Intersection
 - Summer 2012 – Painted median extensions installed
 - Summer 2013 – Concrete median extension installed
 - Between 2009 and 2013, according to NYPD Crash Data:
 - 74 total injuries (13 pedestrians)
 - 4 pedestrian KSI (killed or severely injured)
 - 3 pedestrian fatalities (0 since 2012)

	Before Median Extension (3/2010 – 8/2012)	After Median Extension (8/2012 – 1/31/2015)	Total
Injuries	35	25	60
Pedestrian Injuries	17	6	23
Pedestrian Fatalities	3	0	3

Existing Issues: Safety



Existing Issues

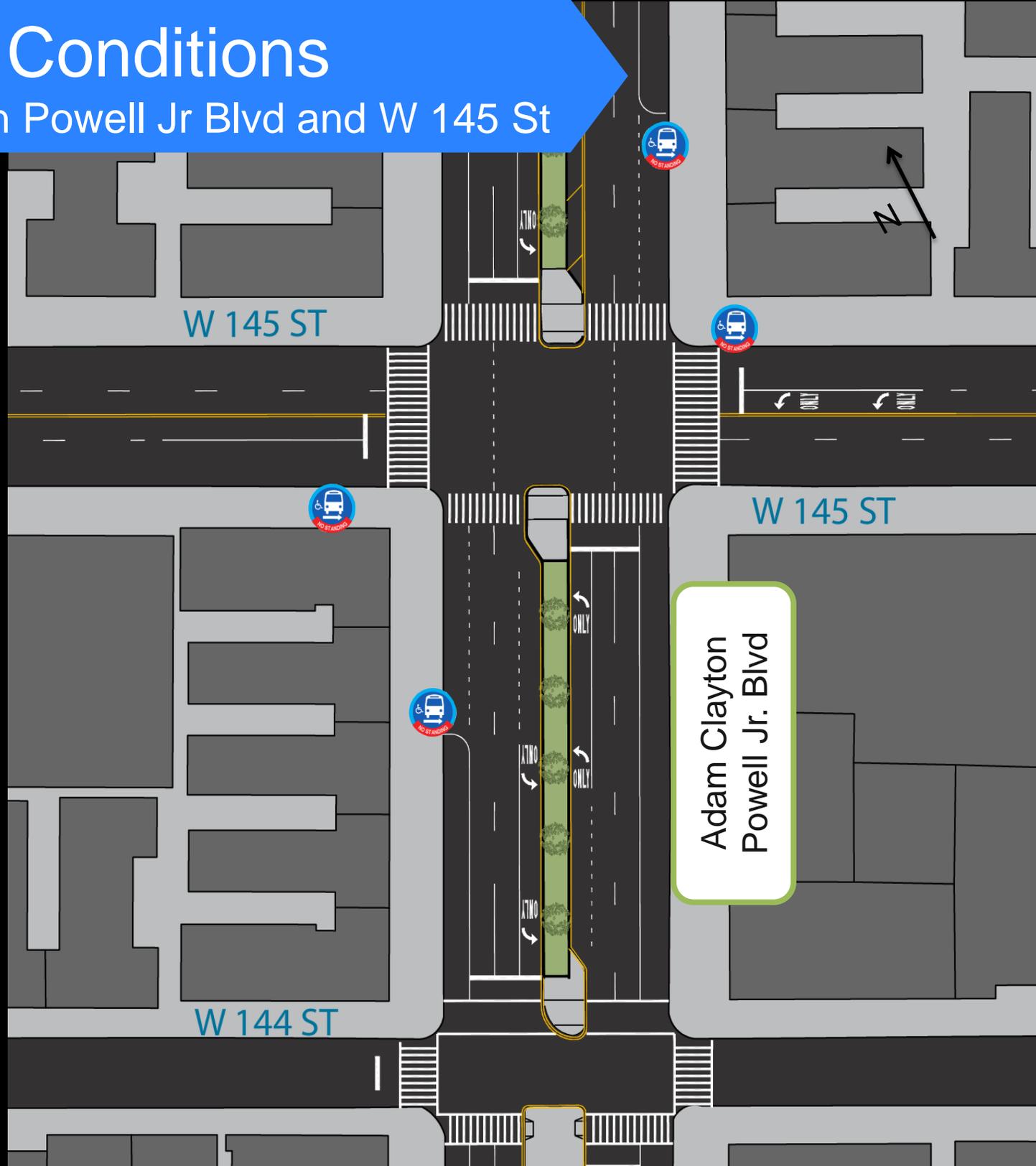
Adam Clayton Powell Jr Blvd and W 145 St

- Northbound and southbound left turns are difficult at W 145 St and Adam Clayton Powell Jr Blvd
 - High turning volumes at intersection



Existing Conditions

Adam Clayton Powell Jr Blvd and W 145 St



Proposed Plan

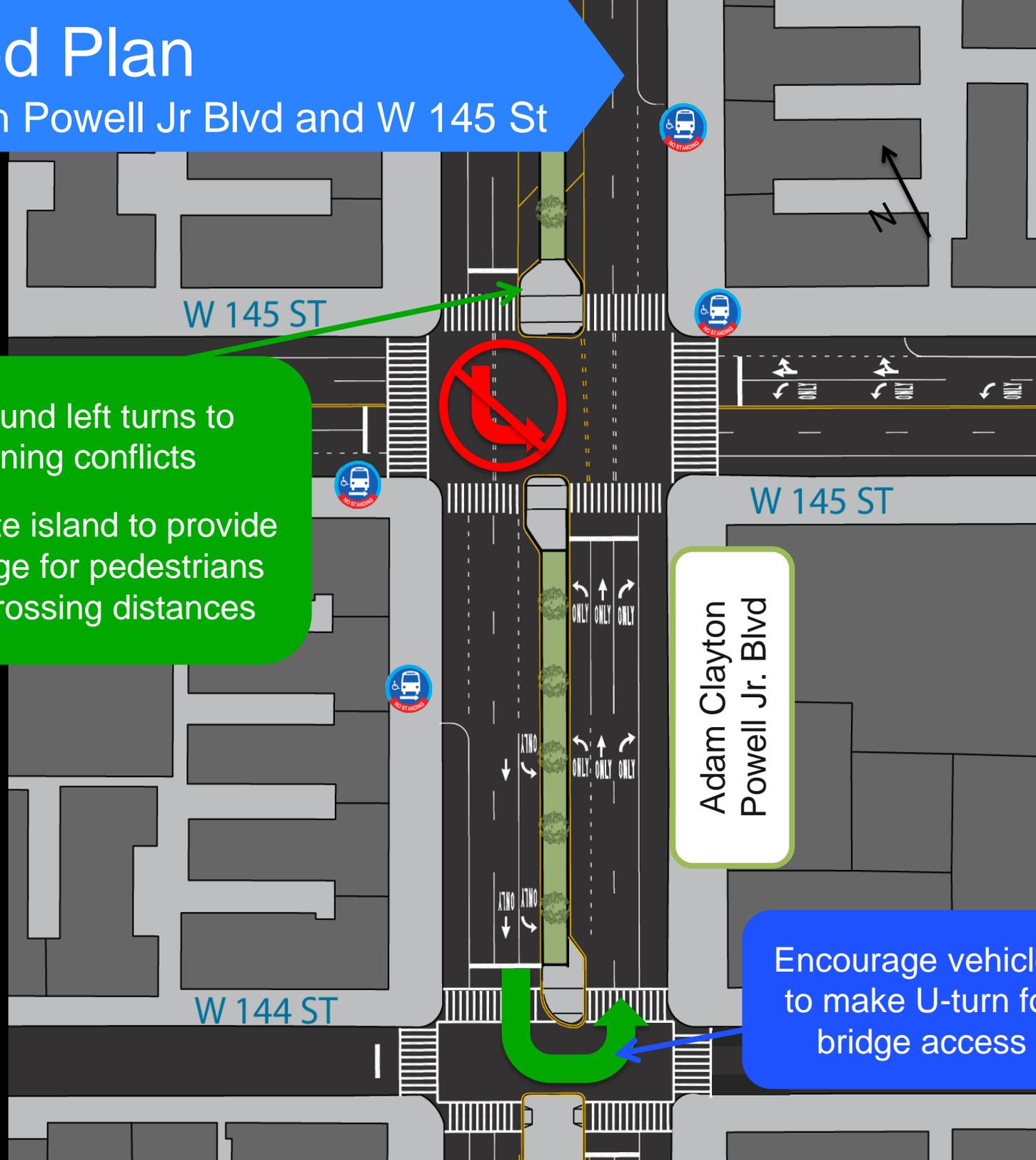
Adam Clayton Powell Jr Blvd and W 145 St

Ban southbound left turns to reduce turning conflicts

Expand concrete island to provide additional refuge for pedestrians and shorten crossing distances

Adam Clayton Powell Jr. Blvd

Encourage vehicles to make U-turn for bridge access



Proposed Plan: Network Changes

Adam Clayton Powell Jr. Blvd

ADAM CLAYTON POWELL BLVD

W 146 St

W 146 ST

W 145 St

W 145 ST

W 144 St

W 145 ST

W 144 ST

Lenox Ave / Malcolm X Blvd
/ Esplanade Gardens Plaza

LENOX AVE



W 145 ST

W 144 ST

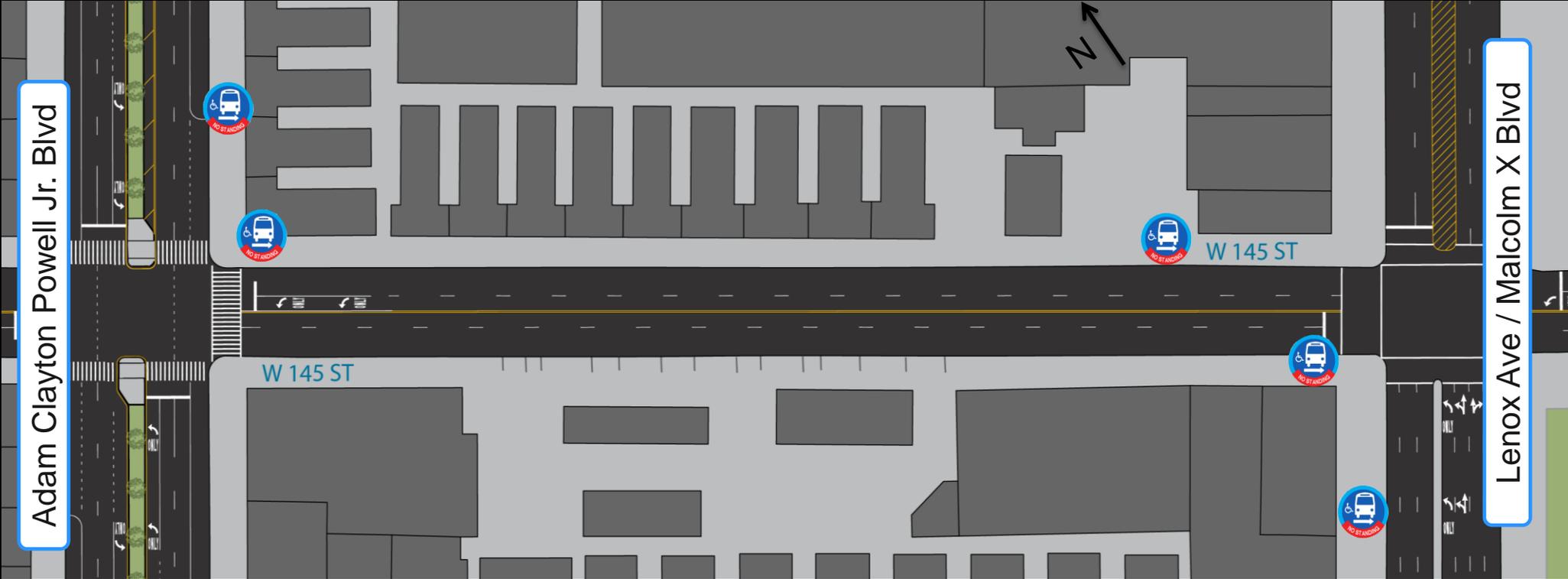
W 145 St

Lenox Ave to Adam Clayton Powell Jr Blvd



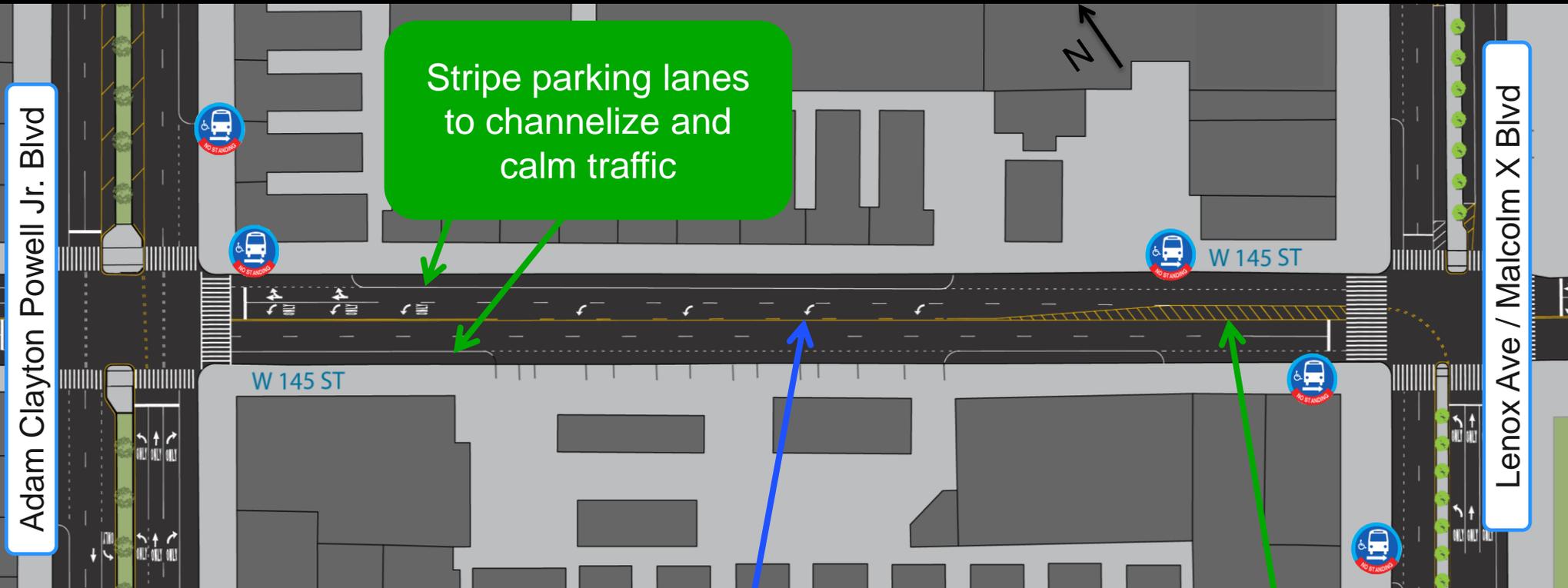
Existing Conditions:

W 145 St, Lenox Ave to Adam Clayton Powell Jr Blvd



Proposed Plan:

W 145 St, Lenox Ave to Adam Clayton Powell Jr Blvd

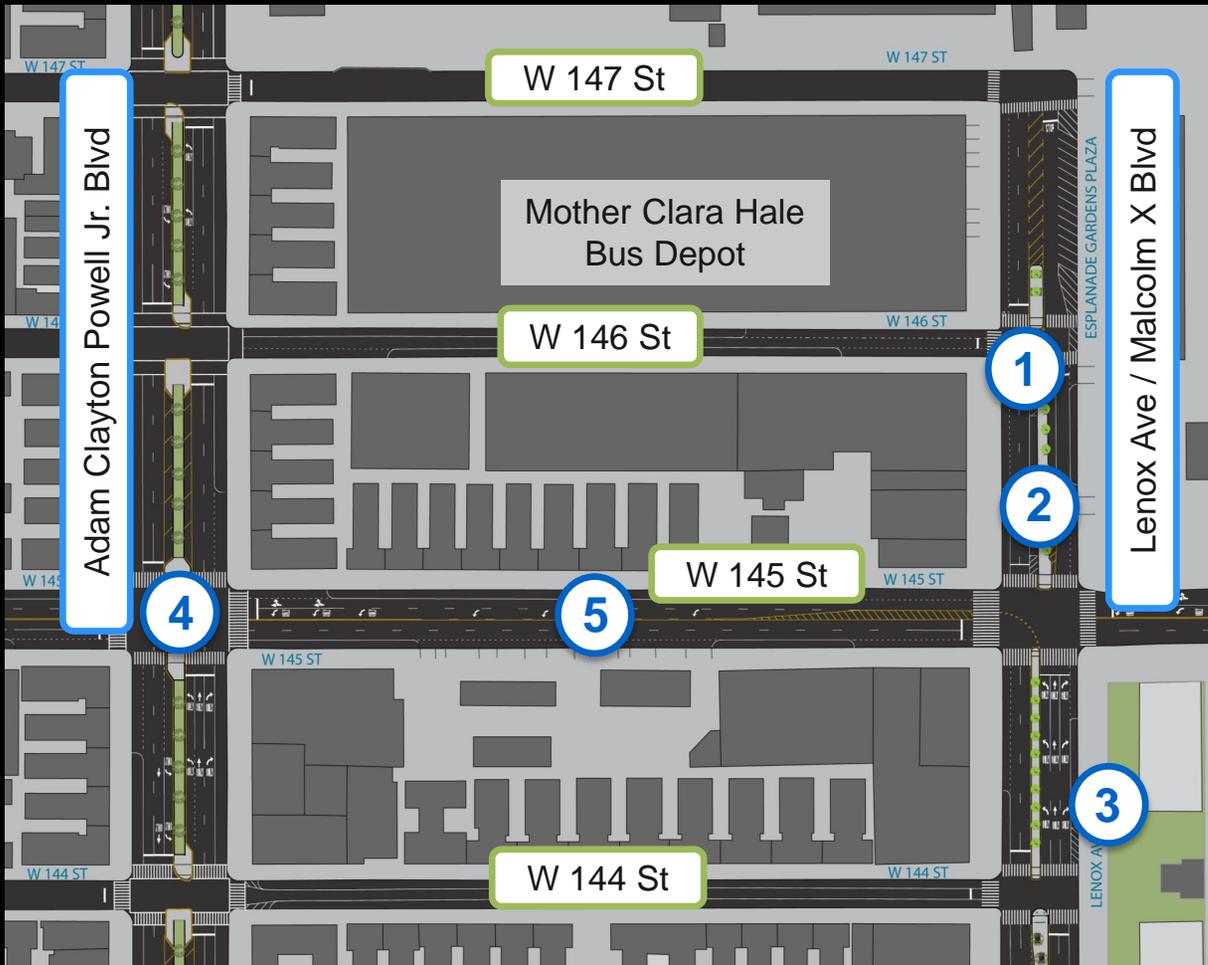


Stripe parking lanes to channelize and calm traffic

Provide left turn lane to separate turning from thru traffic to reduce congestion

New painted yellow median to channelize and calm traffic

Proposal Summary



1. Construct concrete median and islands on Lenox Ave between W 144 St and W 147 St
2. Add 5 additional parking spaces between W 145 St and W 147 St along Lenox Ave
3. Remove rush hour curb regulation on east side of Lenox Ave between W 143 St and W 145 St, restoring 16 parking spaces between 4pm and 7pm
4. Ban southbound left turn and expand north side concrete island at Adam Clayton Powell Jr Blvd and W 145 St
5. Stripe parking lanes, painted median, and left turn bay along W 145 St

	Change in Parking Supply
Lenox Ave 145 St – 147 St	+ 5 spaces
Lenox Ave 143 St – 145 St	- 2 spaces
Total	+ 3 spaces



Malcolm X Blvd

New Kennedy
Fried Chicken
& More
OUT WINGS • BURGERS • GYRO • WRITING FISH • SEA FOOD • STEAK • SANDWICH

LENOX AV
ICE CREAM

Cottis

CAR WASH
FLAT FEE

701 DELI
701

ANDWTC
BREAKFAST LUNCH DELI & BAKERY

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Thank
You