

East Tremont Ave

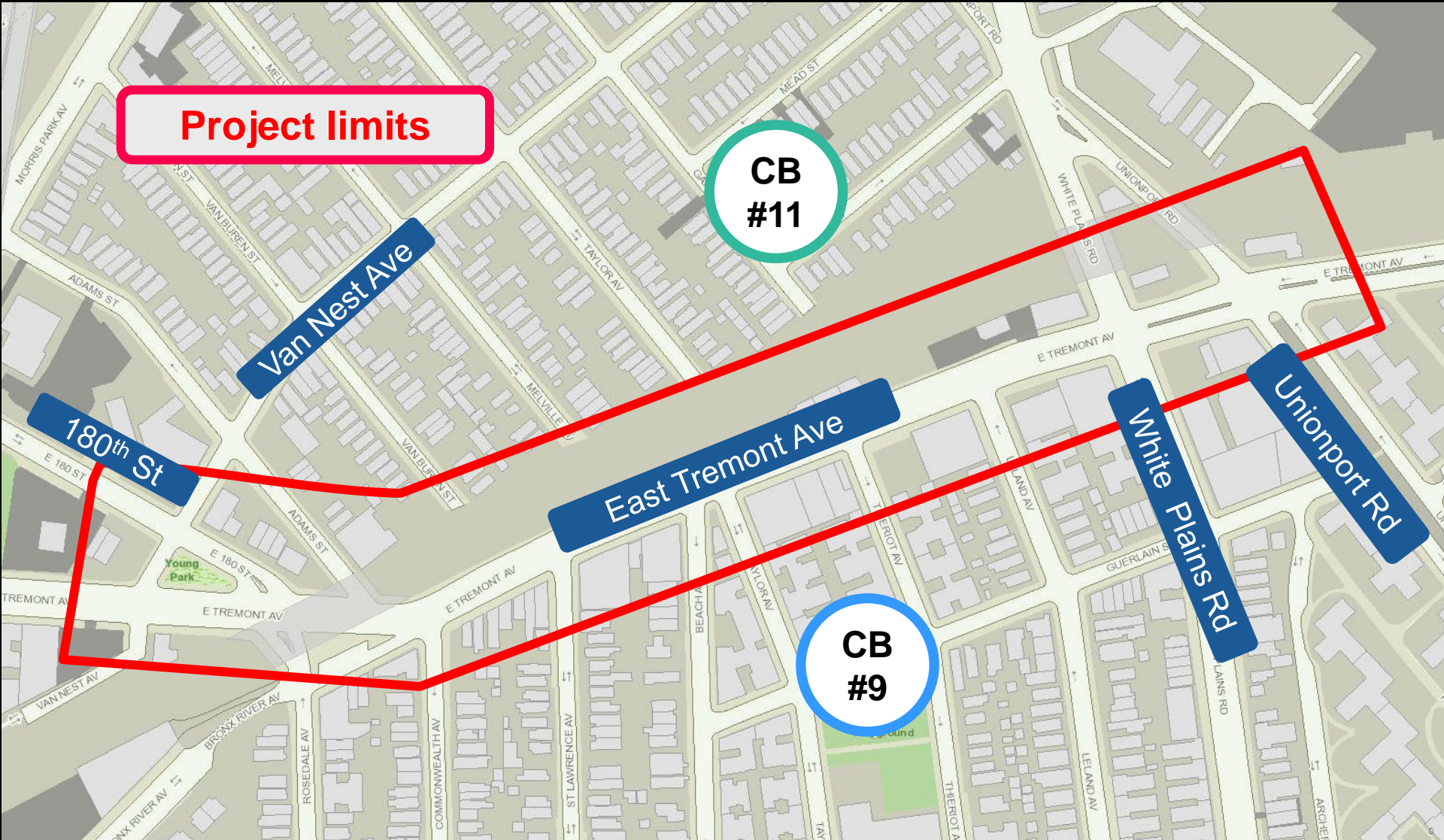
Van Nest Ave to Unionport Rd

2016



New York City Department of Transportation
Presented to Community Board 9 on April 7, 2016

Project Location

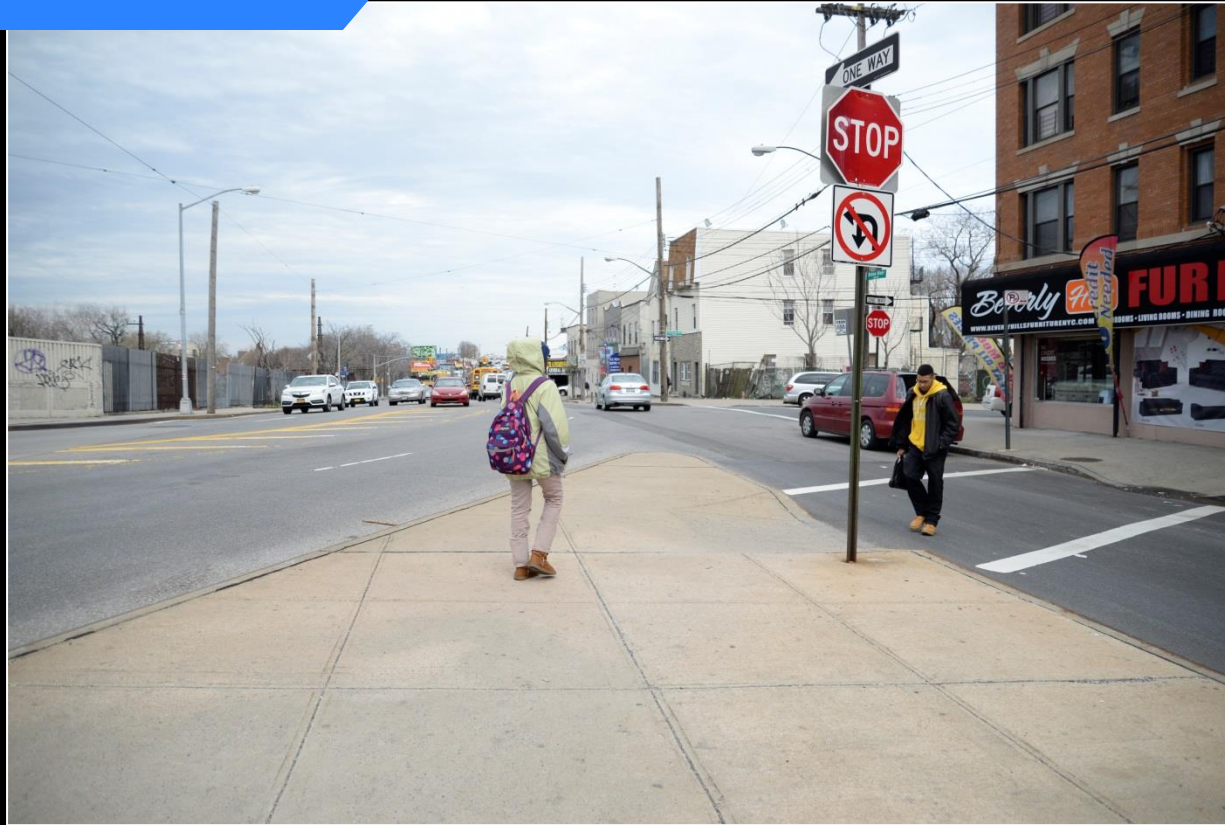


Project limits

**CB
#11**

**CB
#9**

Background



- Continuing upon community requested 2014 and 2015 projects from Unionport Rd to Ericson Pl
- Pedestrian fatality at E. Tremont Ave at Van Nest Ave in 2014

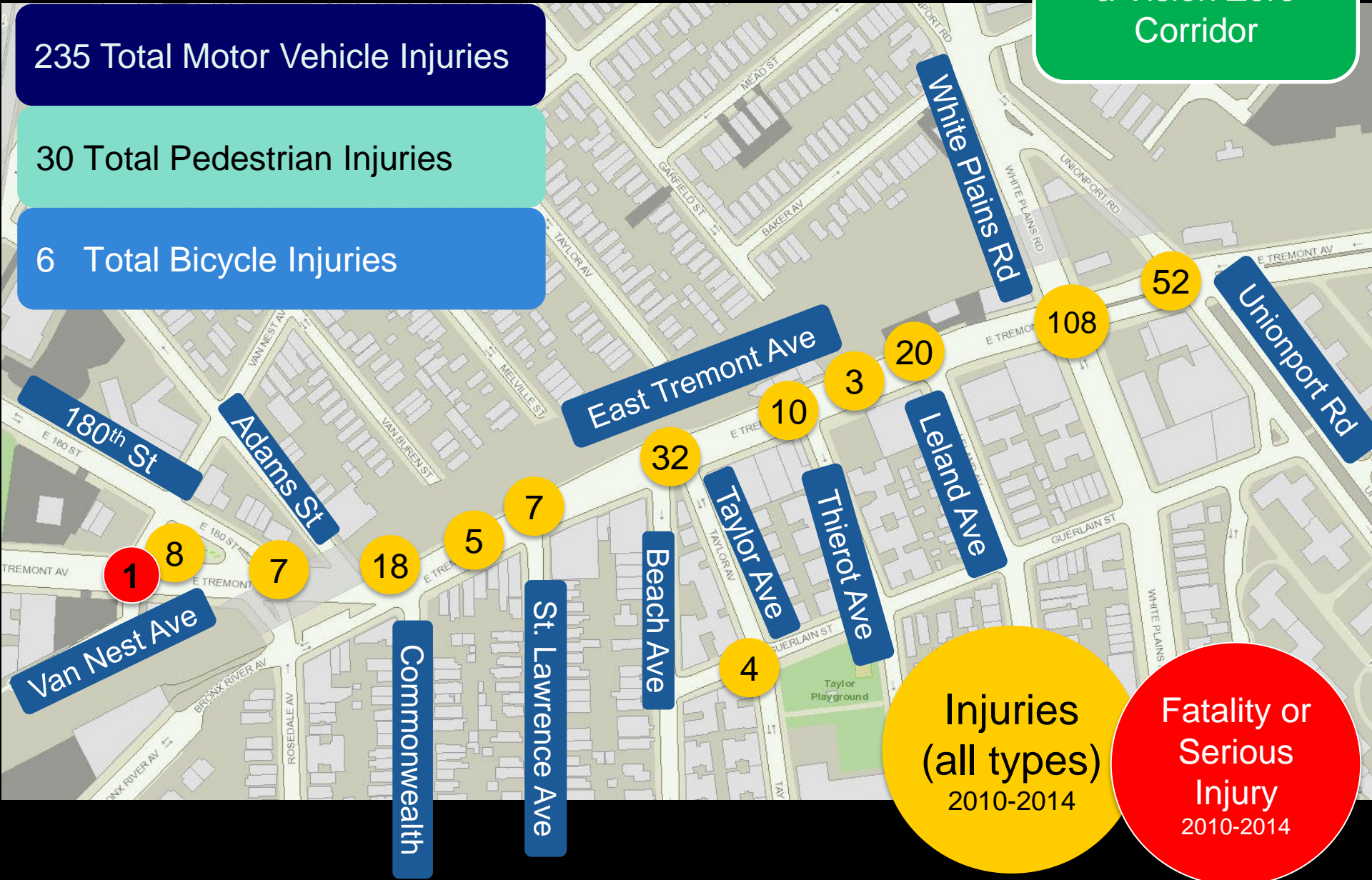
Safety Data

E. Tremont Ave is
a Vision Zero
Corridor

235 Total Motor Vehicle Injuries

30 Total Pedestrian Injuries

6 Total Bicycle Injuries



Injuries
(all types)
2010-2014

Fatality or
Serious
Injury
2010-2014

Speeding

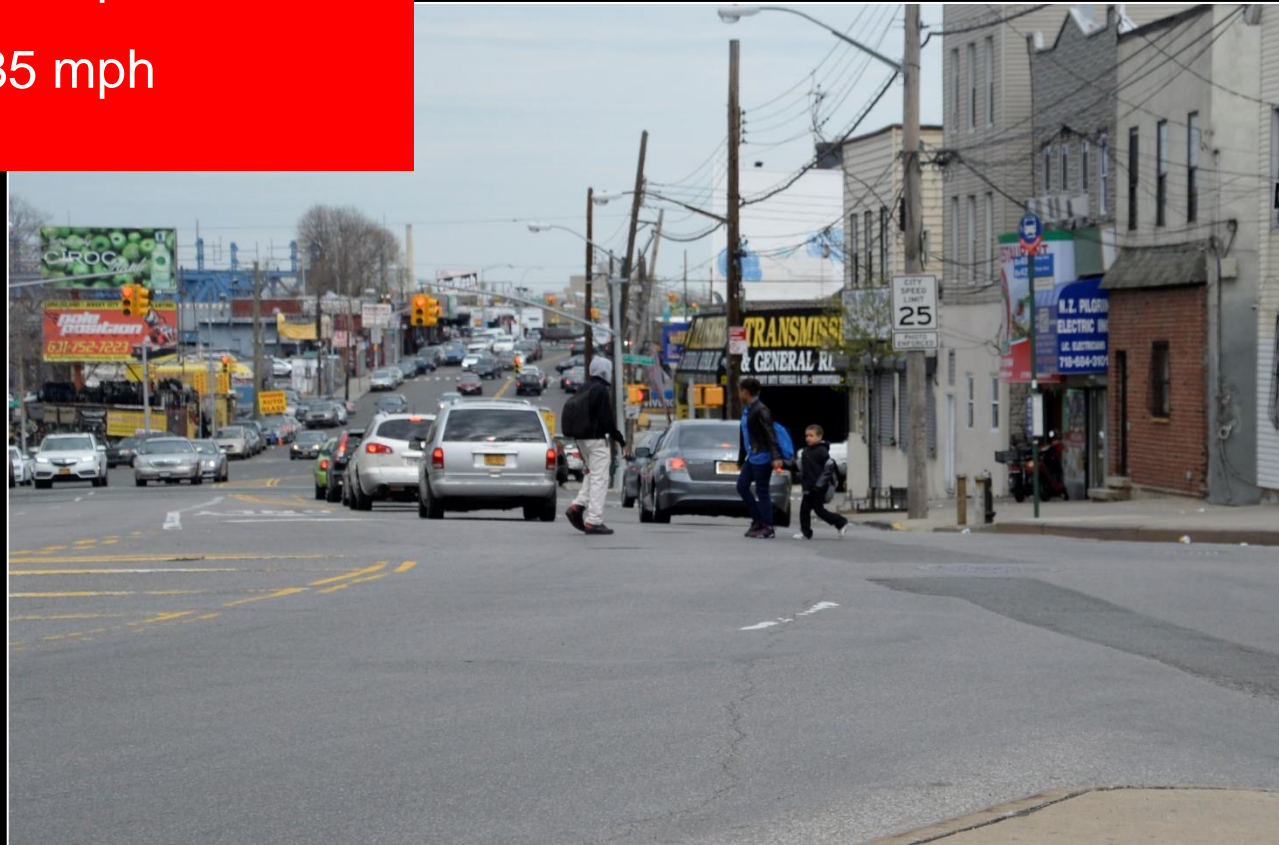
Speed Study

(Conducted at time of school dismissal)

69% Above speed limit - 25mph

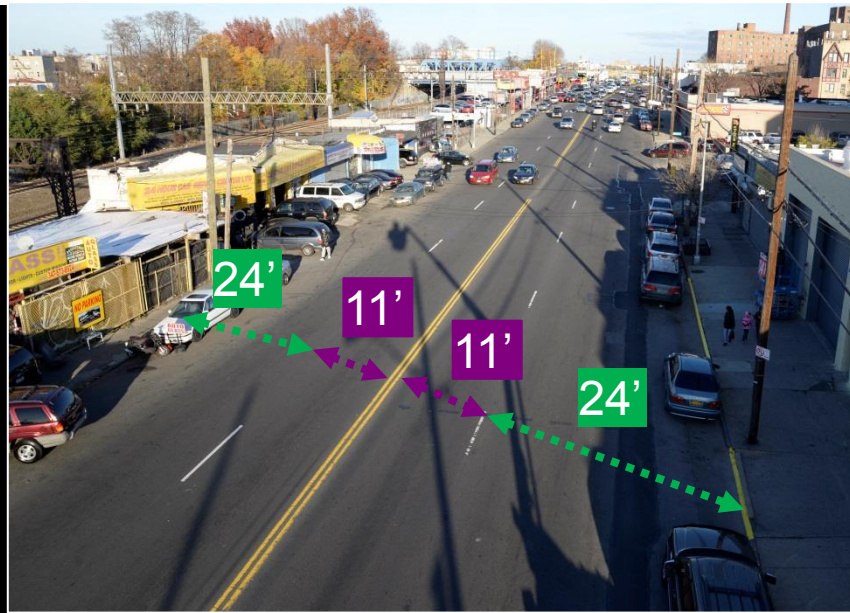
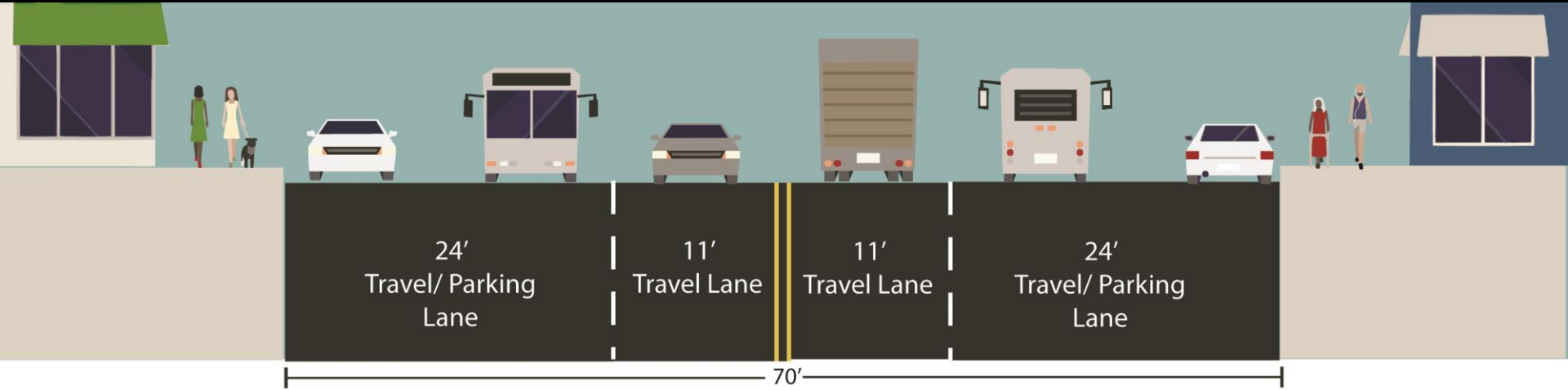
30% Above 30 mph

10% Above 35 mph



Existing Cross Section

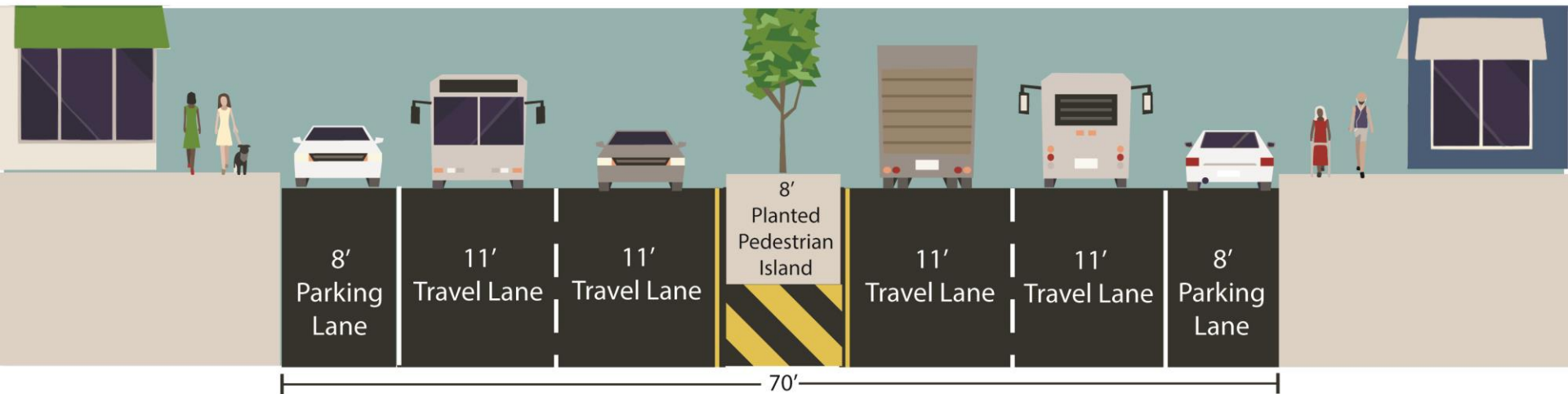
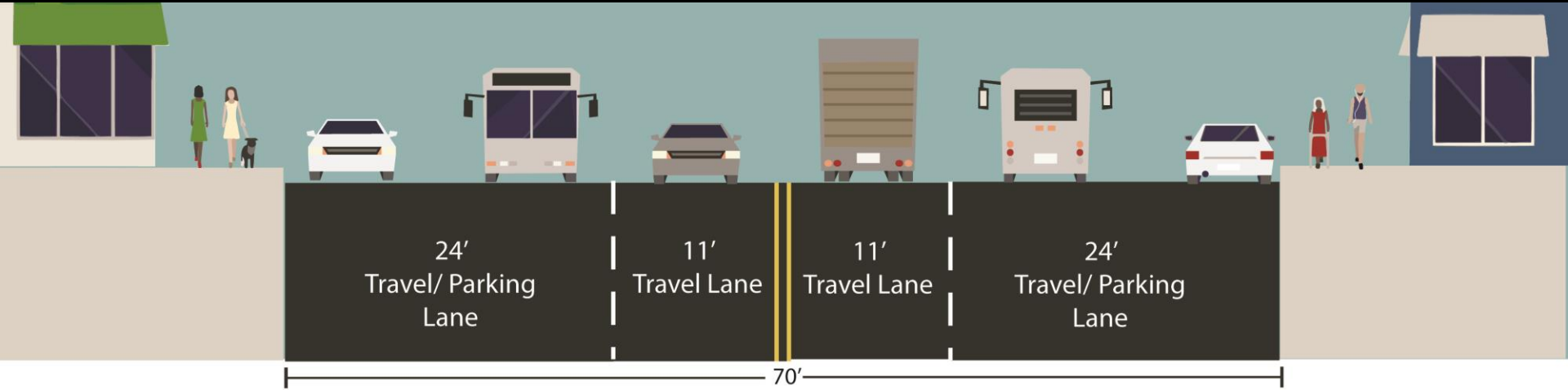
Existing Road Profile



Proposed Cross Section

No lane removals

Existing Road Profile



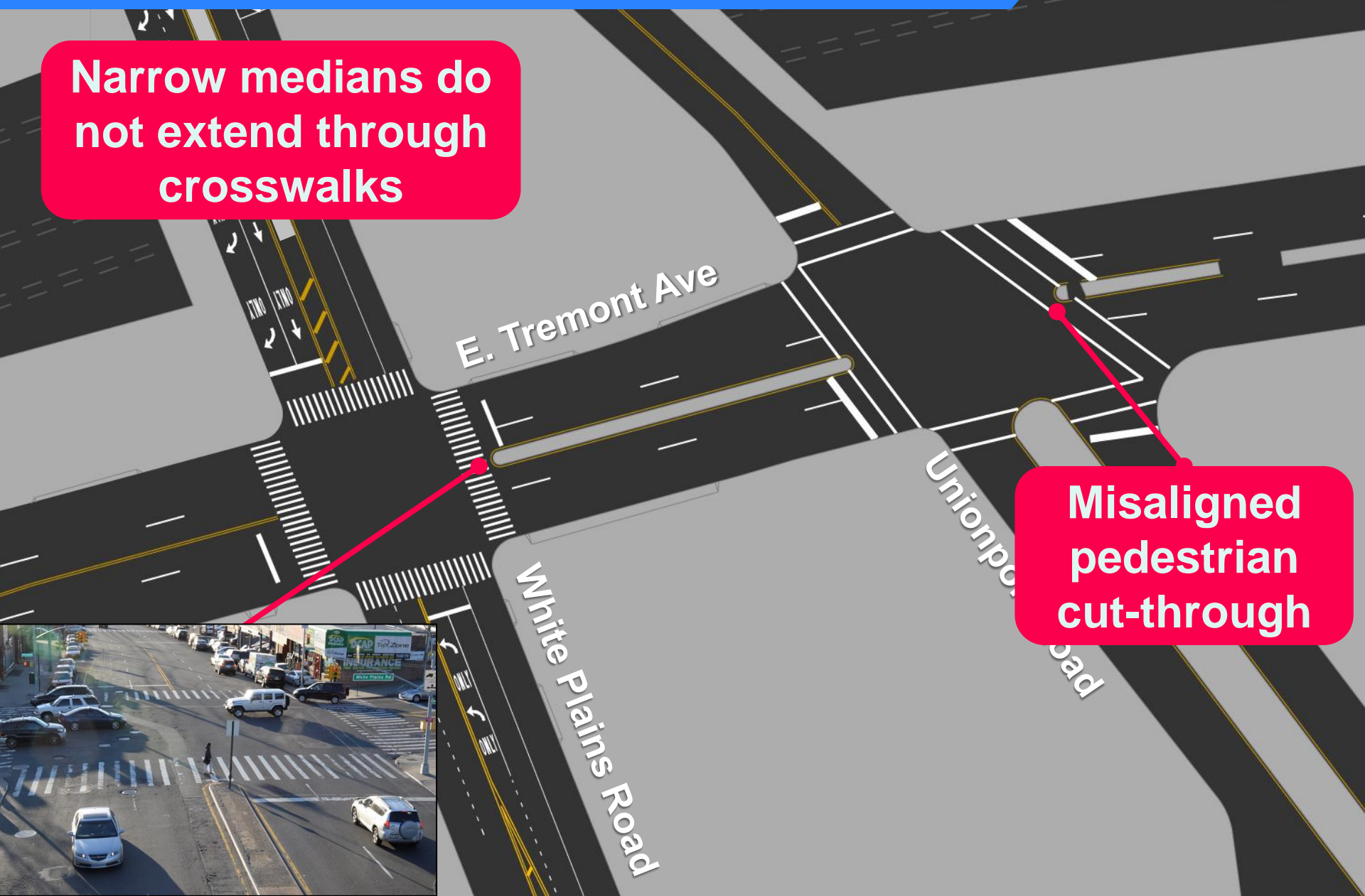
Proposed Road Profile

Existing: White Plains to Unionport



Narrow medians do not extend through crosswalks

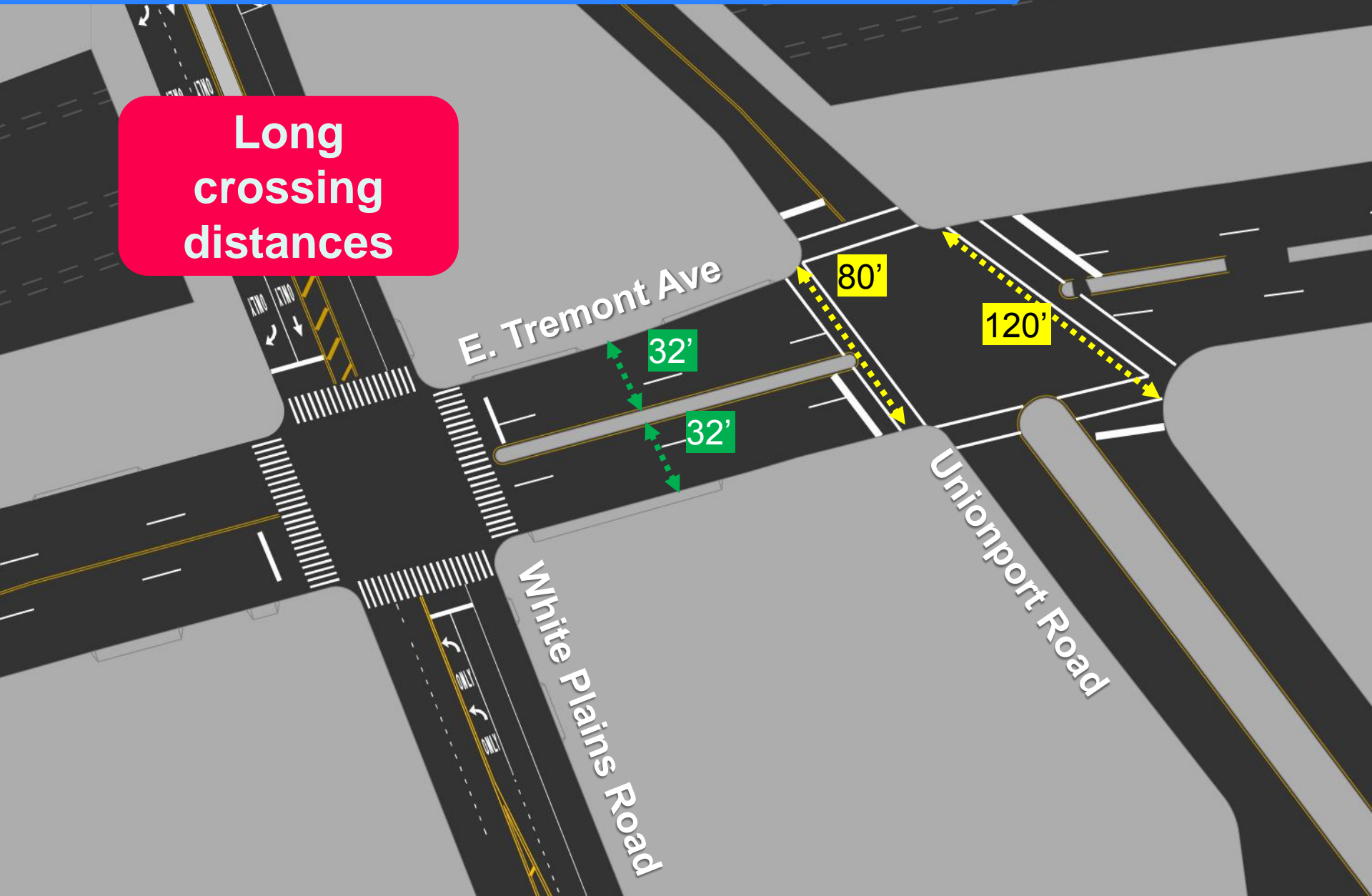
Misaligned pedestrian cut-through



Existing: White Plains to Unionport



**Long
crossing
distances**



Proposed: White Plains to Unionport



Landscaped pedestrian islands
& neckdown

E. Tremont Ave

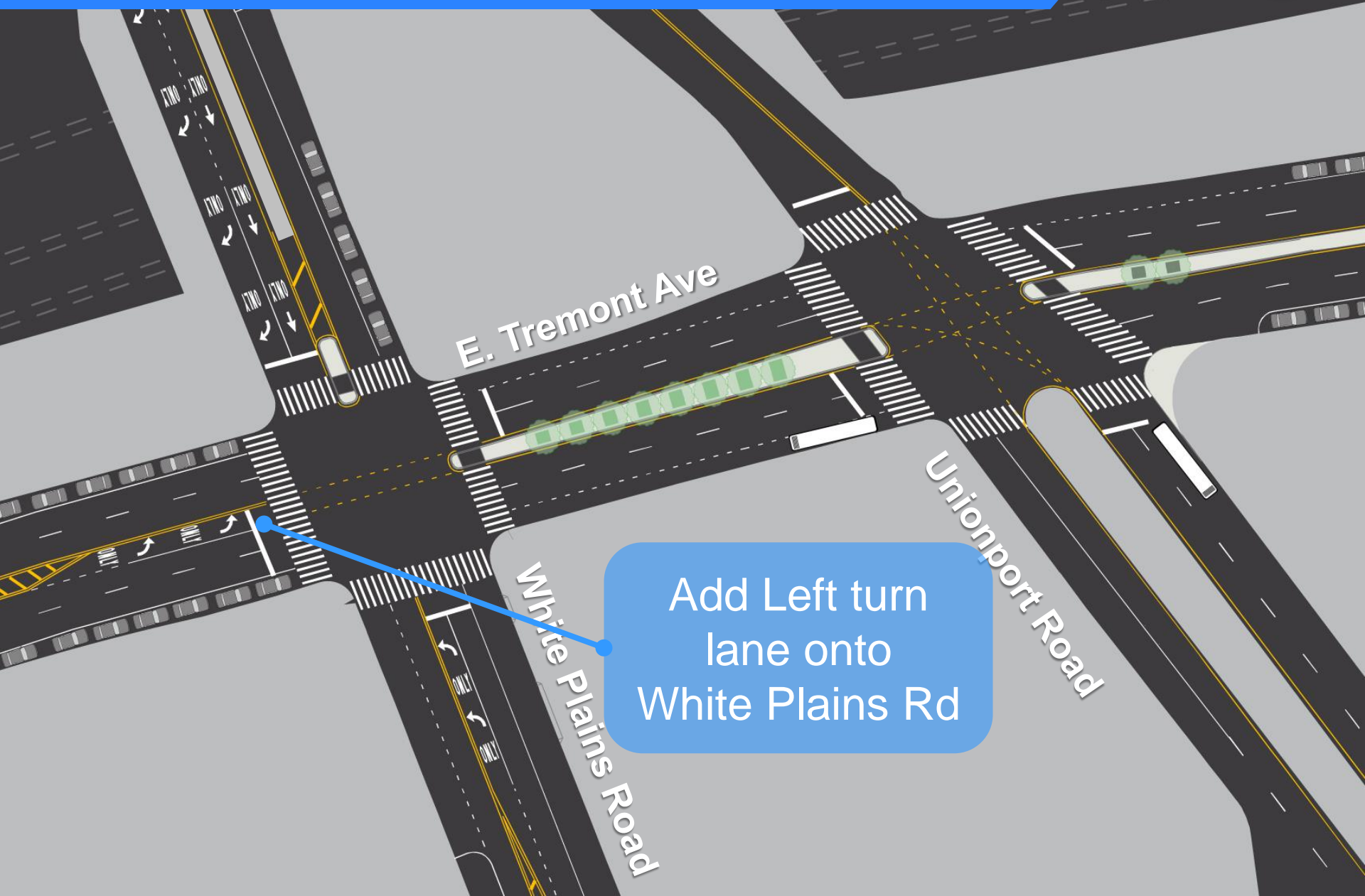
Shortens
crossings and
calms speeding
traffic

White Plains Road

Unionport Road



Proposed: White Plains to Unionport



Add Left turn
lane onto
White Plains Rd

E. Tremont Ave

Unionport Road

White Plains Road

Proposed: White Plains to Unionport



Existing: Beach/Taylor Avenues



**Wide
intersection
with missing
crosswalk**



Existing: Beach/Taylor Avenues



Railroad

E. Tremont Ave

**Broken
sidewalk**



Beach Avenue

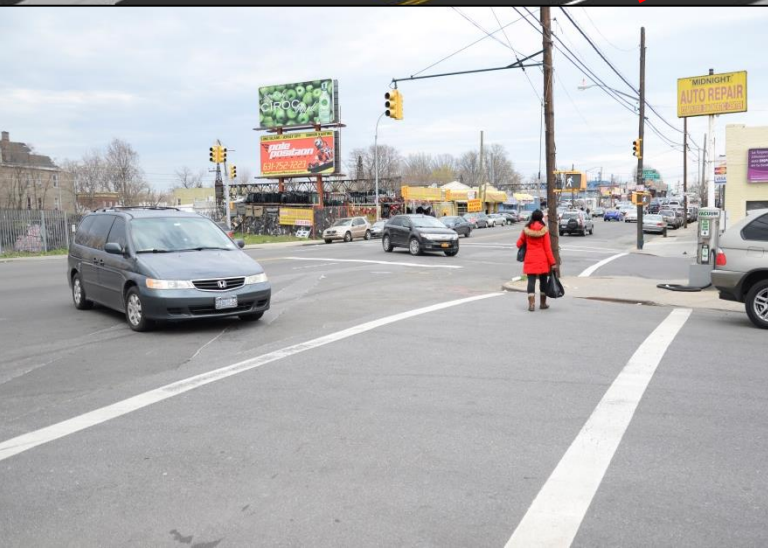
Taylor Avenue

Existing: Beach/Taylor Avenues



**Duplicate
movements**

**Creates unclear
movements &
excessive
conflicts**



Beach Avenue



Taylor Avenue



E. Tremont Ave



Proposed: Beach/Taylor Avenues



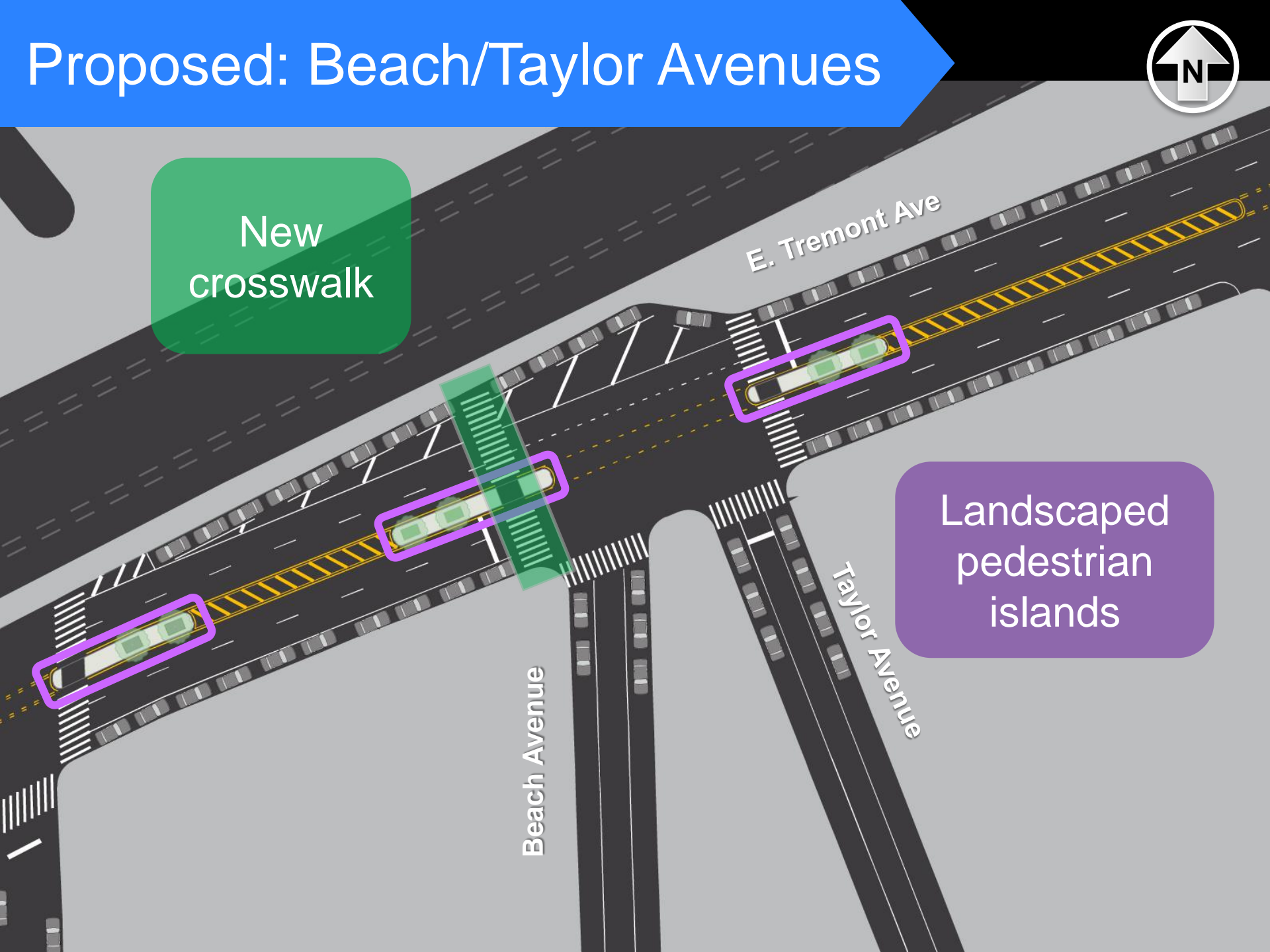
New
crosswalk

E. Tremont Ave

Landscaped
pedestrian
islands

Beach Avenue

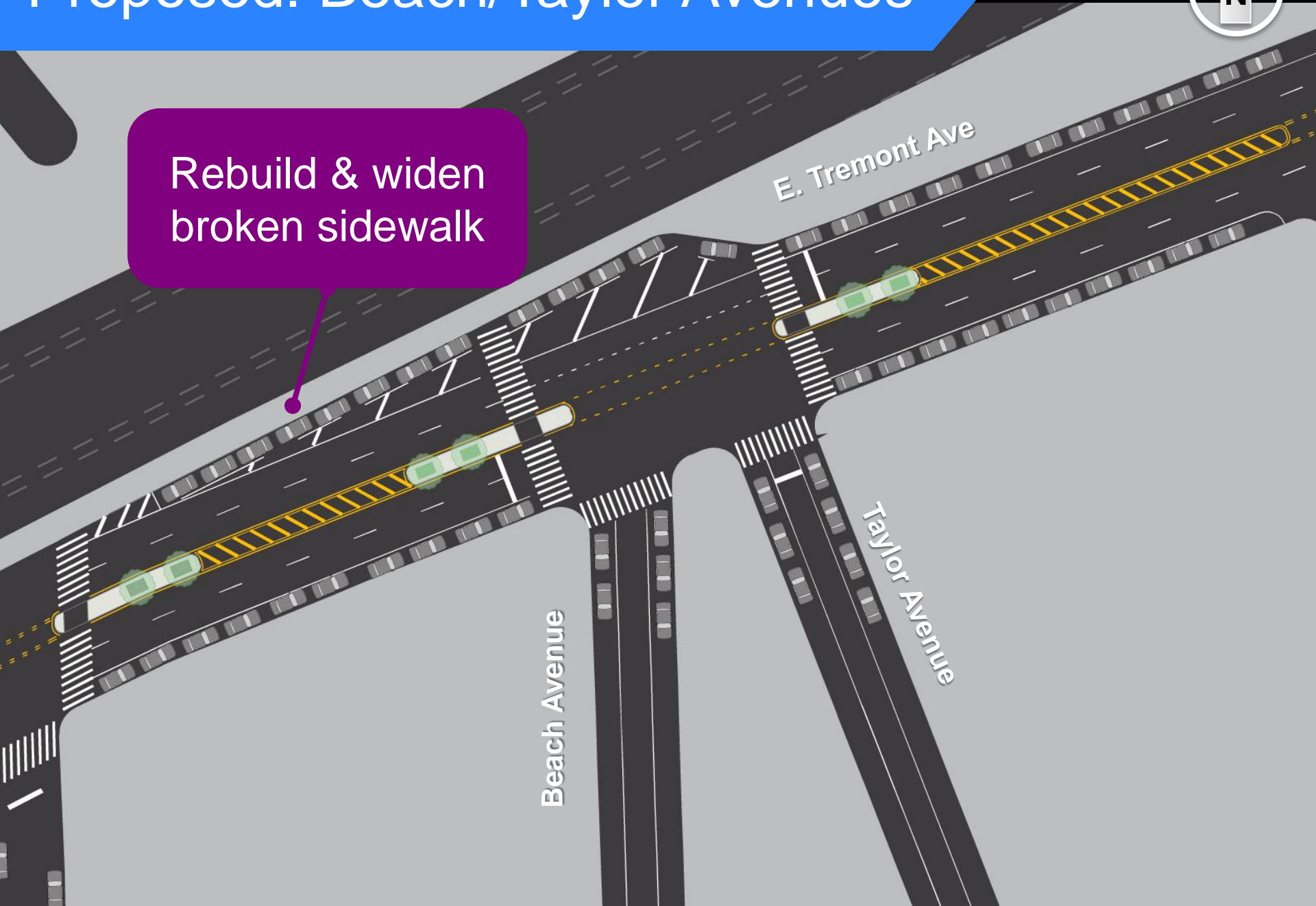
Taylor Avenue



Proposed: Beach/Taylor Avenues



Rebuild & widen
broken sidewalk



Proposed: Beach/Taylor Avenues



**Reverse Taylor
to One-Way
northbound**

E. Tremont Ave



Beach Avenue

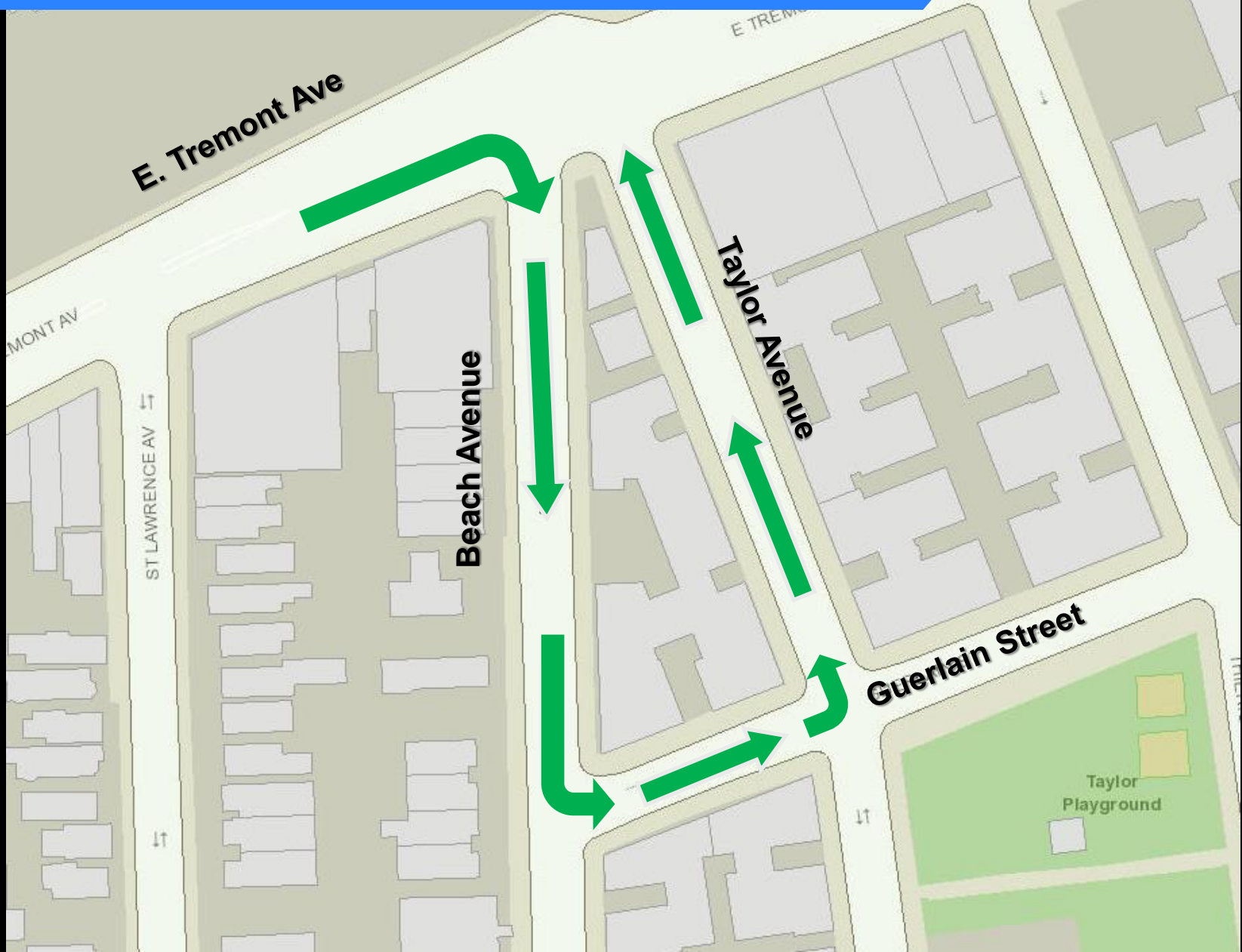


Taylor Avenue

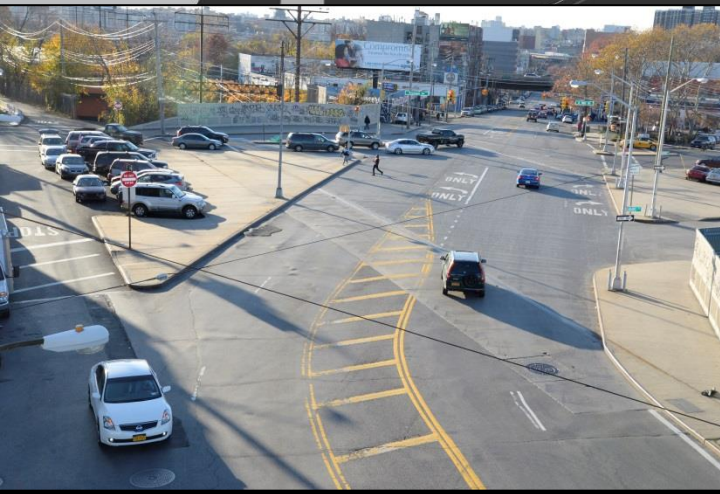


**Creates
predictable
turns**

Proposed: Beach/Taylor Avenues



Existing: E 180th/Bronx River Ave



**Limited visibility
around road bend**

Existing: E 180th/Bronx River Ave



Long
crossing
distances

Pedestrian
desire line

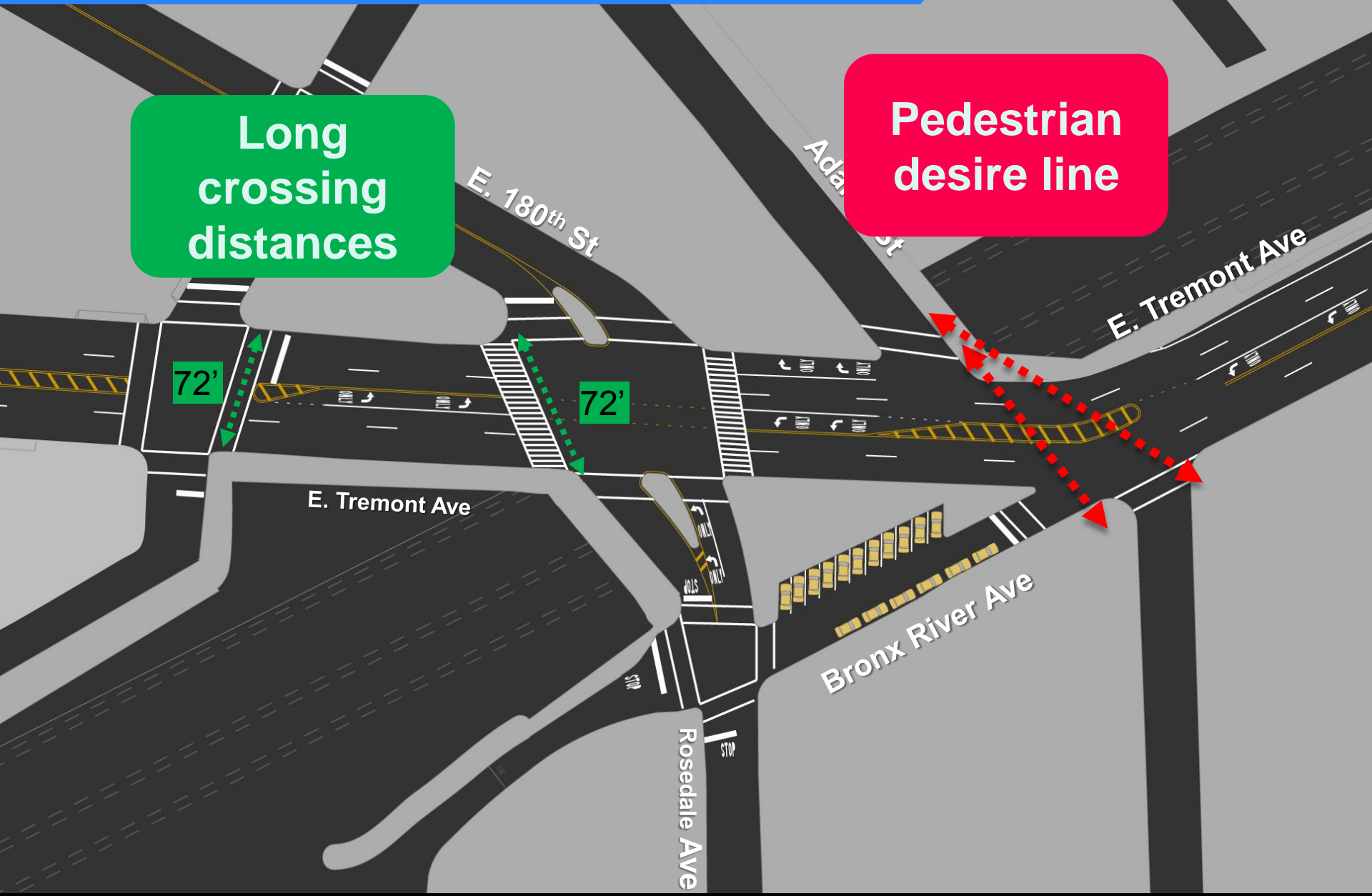
72'

72'

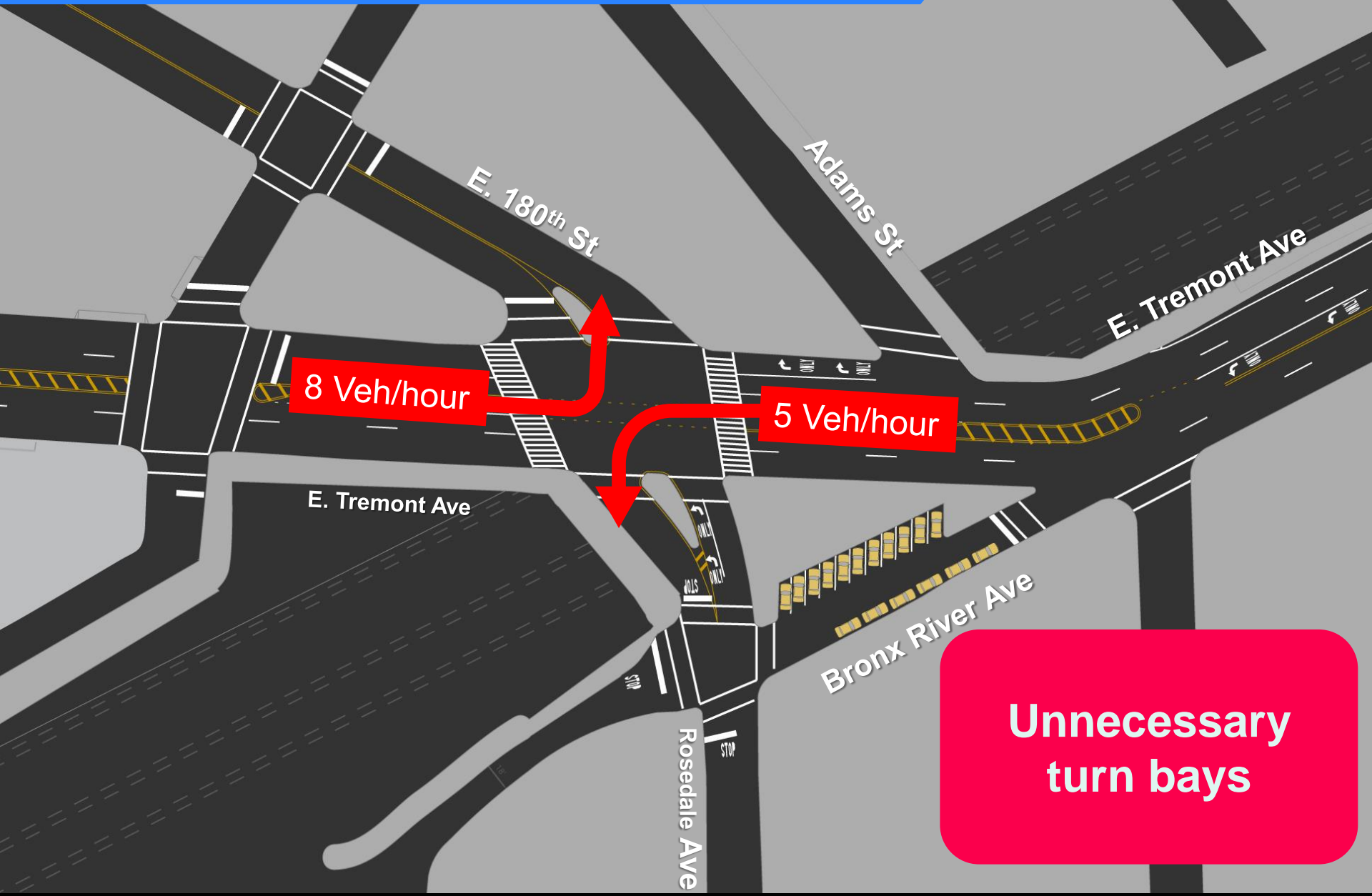
E. Tremont Ave

Bronx River Ave

Rosedale Ave



Existing: E 180th/Bronx River Ave

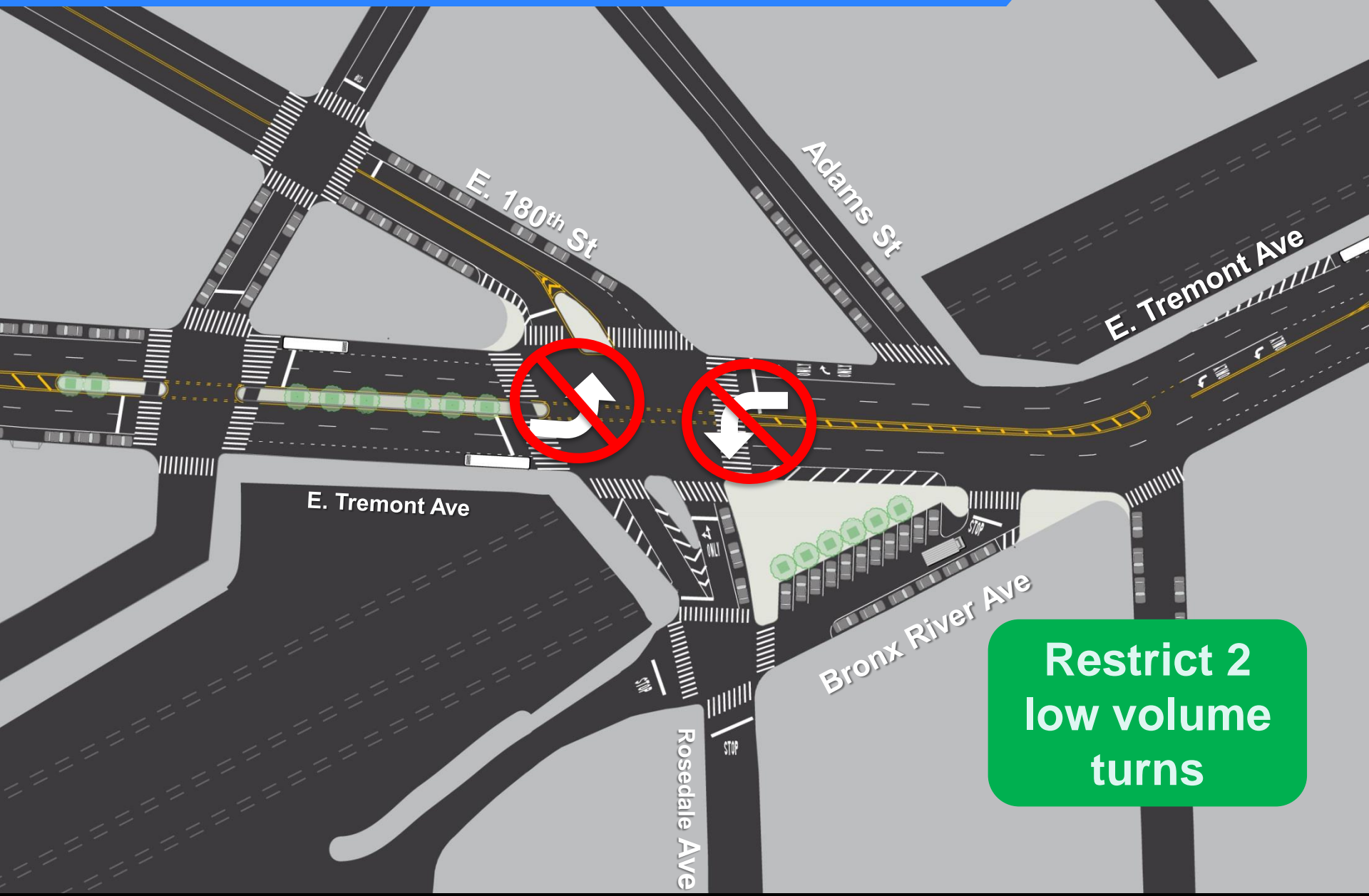


8 Veh/hour

5 Veh/hour

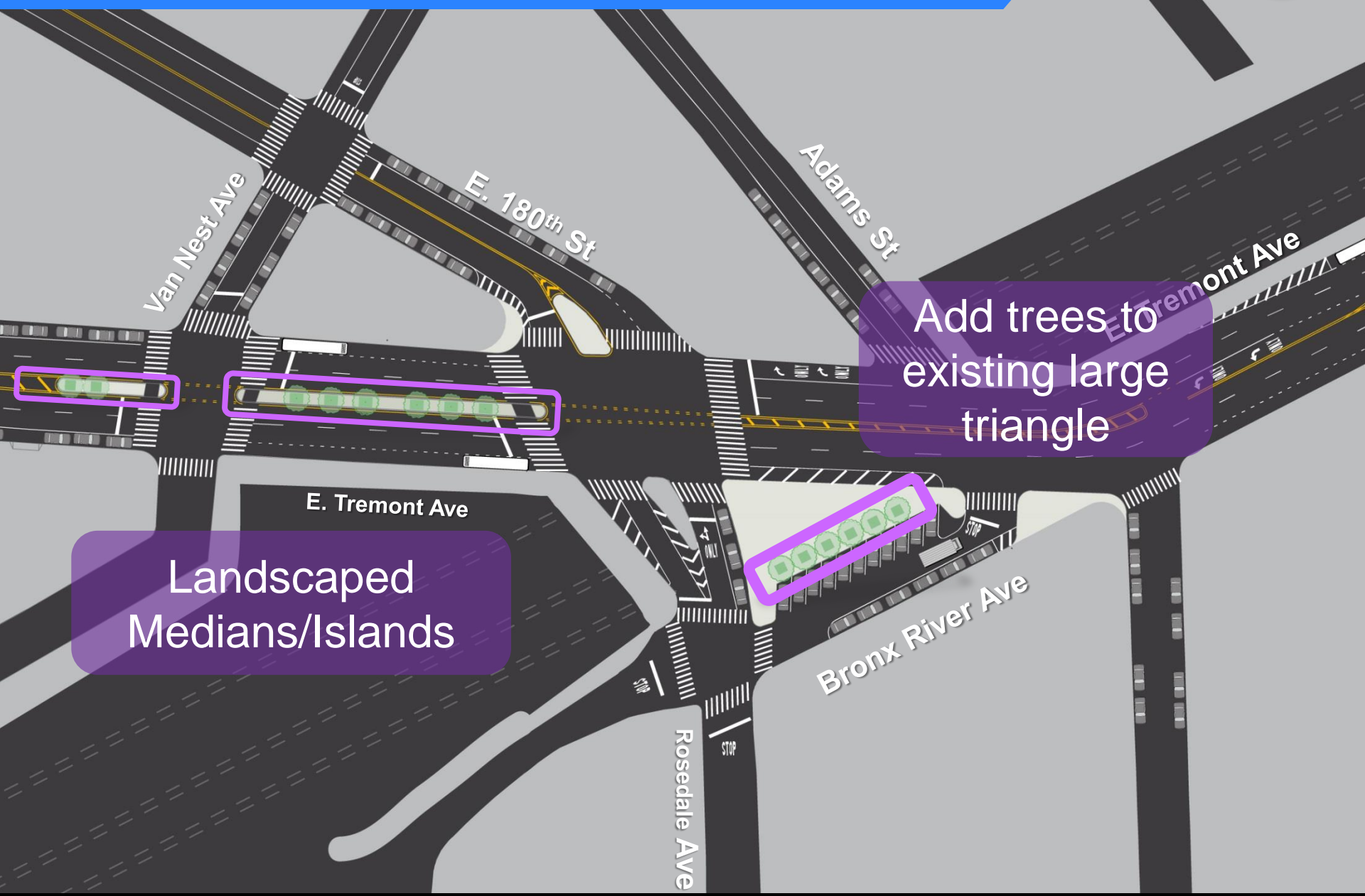
Unnecessary
turn bays

Proposed: E180th/Bronx River Ave



**Restrict 2
low volume
turns**

Proposed: E180th/Bronx River Ave



Add trees to existing large triangle

Landscaped Medians/Islands

Bronx River Ave

Rosedale Ave

Van Nest Ave

E. 180th St

Adams St

E. Tremont Ave

E. Tremont Ave

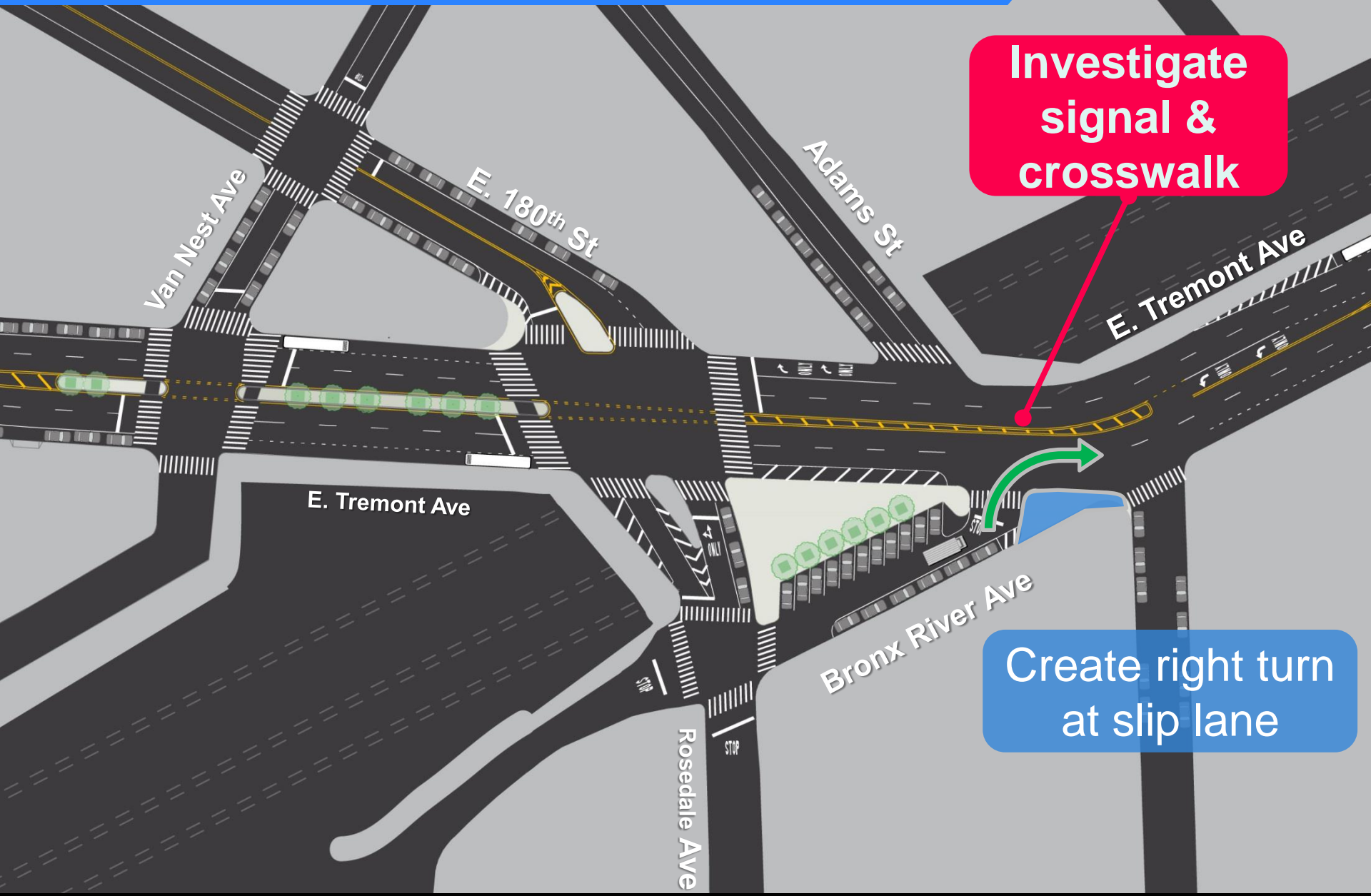
Proposed: E180th/Bronx River Ave



Extend sidewalk
& island to
shorten crossing



Proposed: E180th/Bronx River Ave



Investigate
signal &
crosswalk

Create right turn
at slip lane

Proposed: E180th/Bronx River Ave



Project Benefits

- Reduce speeding / calms traffic
- Improve pedestrian access
- Reduce conflicts for motorists
- Safer, shorter pedestrian crossing
- Improve intersection processing
- Clarify vehicular movements

- No loss of parking
- No lane removals

Summary

- Widen two medians on E Tremont at Unionport Rd
- Build 9 pedestrian safety islands/medians along E Tremont between White Plains Rd and Van Nest Ave
- Install flush median on E Tremont, White Plains Rd to St Lawrence Ave
- Convert Taylor Ave, E Tremont Ave to Guerlain St from two-way to one-way northbound
- Build 3 neckdowns on E Tremont Ave at Bronx River Ave/Commonwealth Ave; E 180th St; and Unionport Rd
- Widen triangle island at E 180th St and E Tremont Ave
- Add crosswalk at signalized intersection of E Tremont Ave and Beach Ave
- Add parking lane stripes along E Tremont



Thank
You

www.nyc.gov/dot

Contact DOT Bronx Borough Commissioners office at
212 748-6680 with additional questions