

Sherman Creek – Inwood

Safety Improvements

2011



Nagle Avenue at Dyckman Street,
Fort George Hill & Hillside Avenue

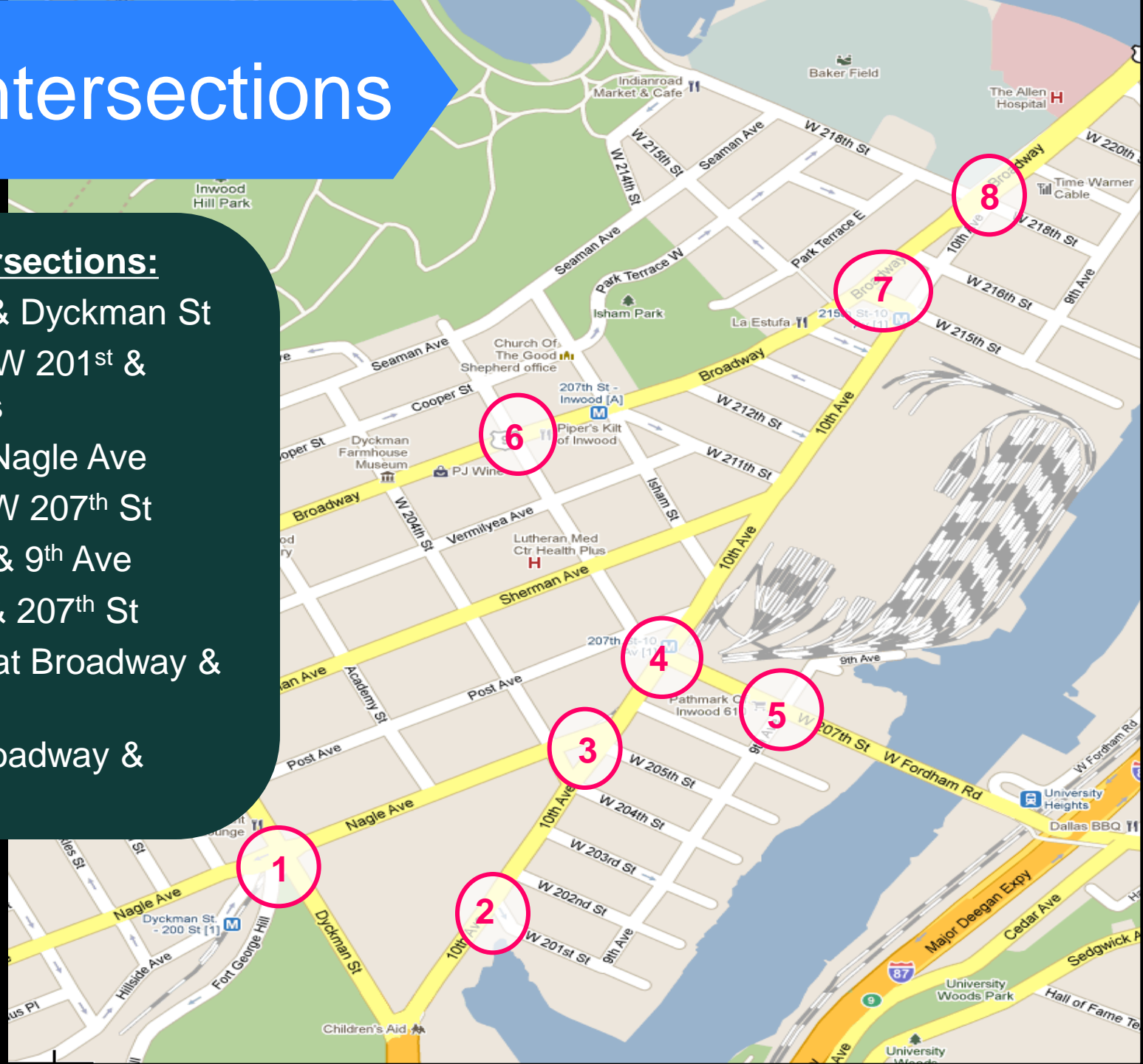
Commissioner Janette Sadik-Khan New York City Department of Transportation
Presented to Community Board 12 by the Pedestrian Projects Group, May 2, 2011
+ Additions at 10th Avenue/Broadway + W. 218th Street based upon community input



2011 Intersections

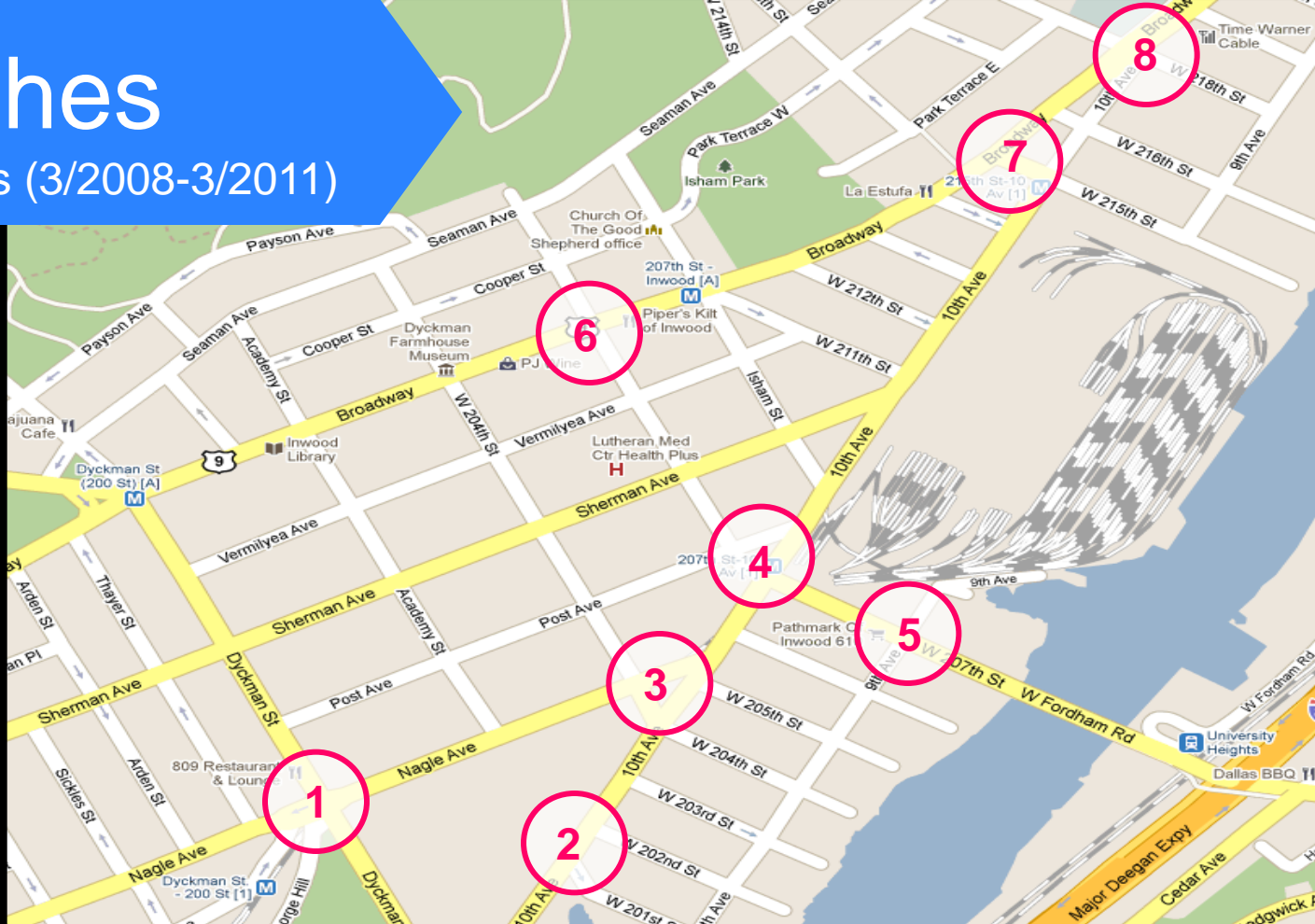
Eight Intersections:

1. Nagle Ave & Dyckman St
2. 10th Ave at W 201st & W.202nd Sts
3. 10th Ave & Nagle Ave
4. 10th Ave & W 207th St
5. W 207th St & 9th Ave
6. Broadway & 207th St
7. W 215th St at Broadway & 10th Aves
8. 10th Ave/Broadway & W.218th St



Crashes

Recent Three Years (3/2008-3/2011)



Source: NYPD

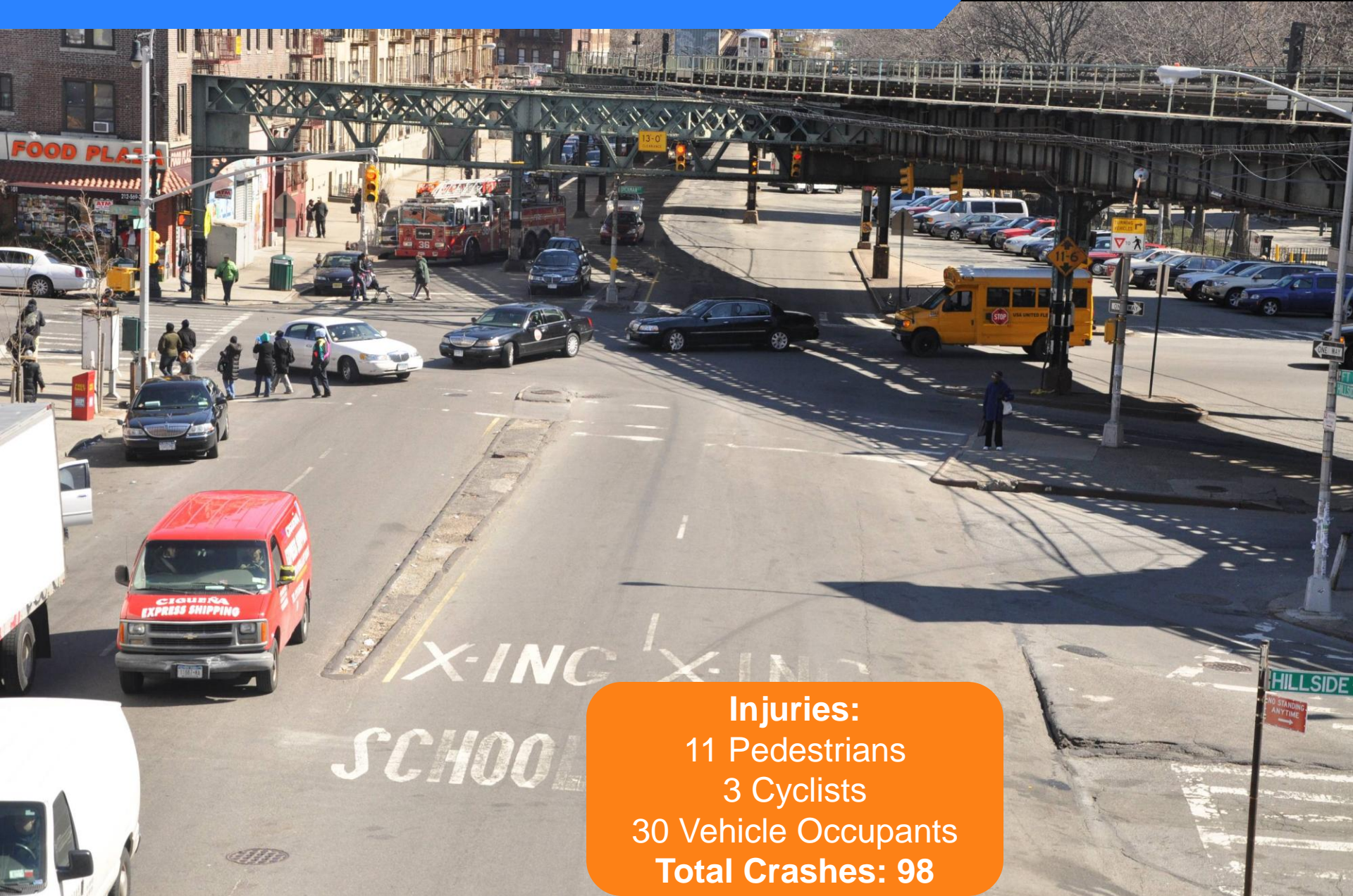
	Pedestrian Injuries	Bicyclist Injuries	Motor Vehicle Occupant Injuries	Total Crashes
1 Nagle Ave and Dyckman St	11	3	30	98
2 10th Ave and W.201st St & W.202nd	3	0	6	24
3 10th Ave and Nagle Ave at W.204th - W.206th St	6	1	12	66
4 10th Ave and W.207th St	11	0	12	85
5 9th Ave and W.207th St	2	0	22	116
6 Broadway and West 207th St	7	0	9	21
7 W.215th St at Broadway and 10th Ave	3	0	8	33
8 10th Ave and W.218th St	4	0	12	46
Totals →	47	4	111	489

DOT's 2011 Operational Toolkit

- Pavement Markings
- Signal Timing
- New Signage
- Painted and/or Textured Surfaces
- Concrete Islands
- Flexible Delineators



1. Nagle Ave & Dyckman St



Injuries:

11 Pedestrians
3 Cyclists
30 Vehicle Occupants
Total Crashes: 98

1. Nagle Ave & Dyckman St

Unpredictable
vehicle movements



Pedestrian access to
the subway
challenging



1. Nagle Ave & Dyckman St

Existing

Proposed

Subway
Entrance

Nagle Ave

Dyckman Street

Hillside Ave

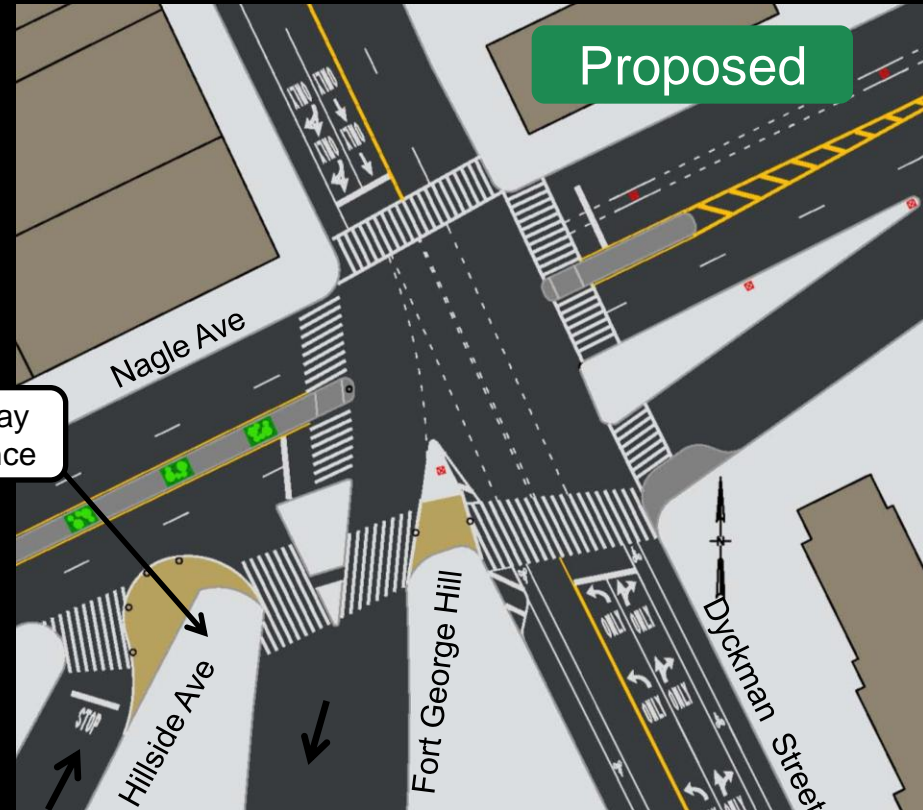
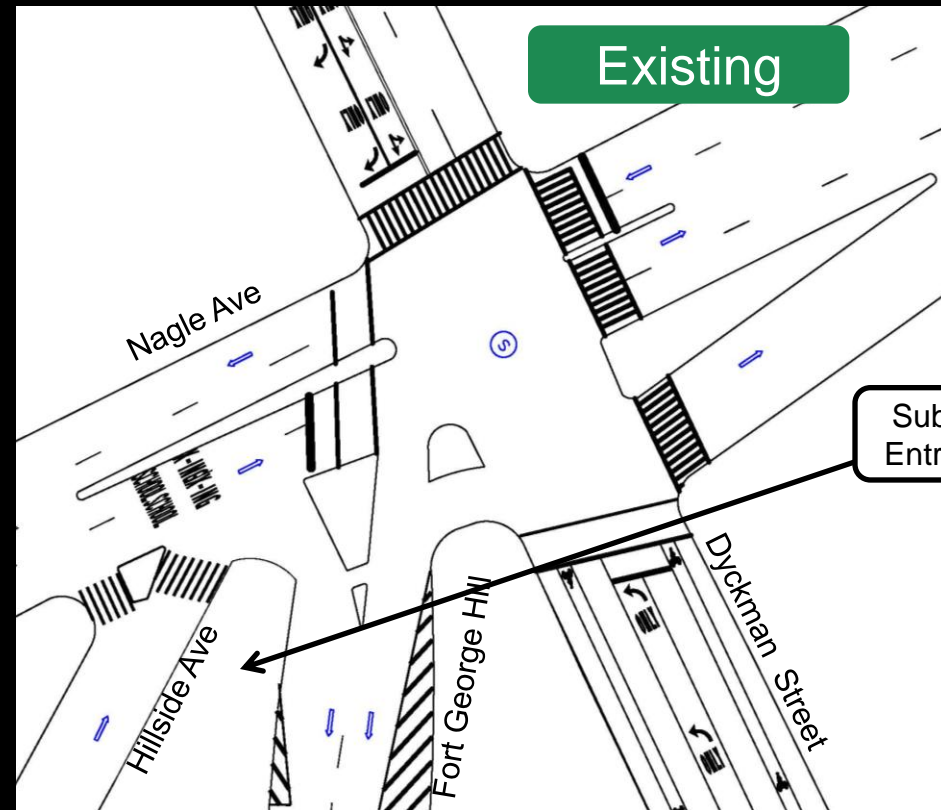
Fort George Hill

Nagle Ave

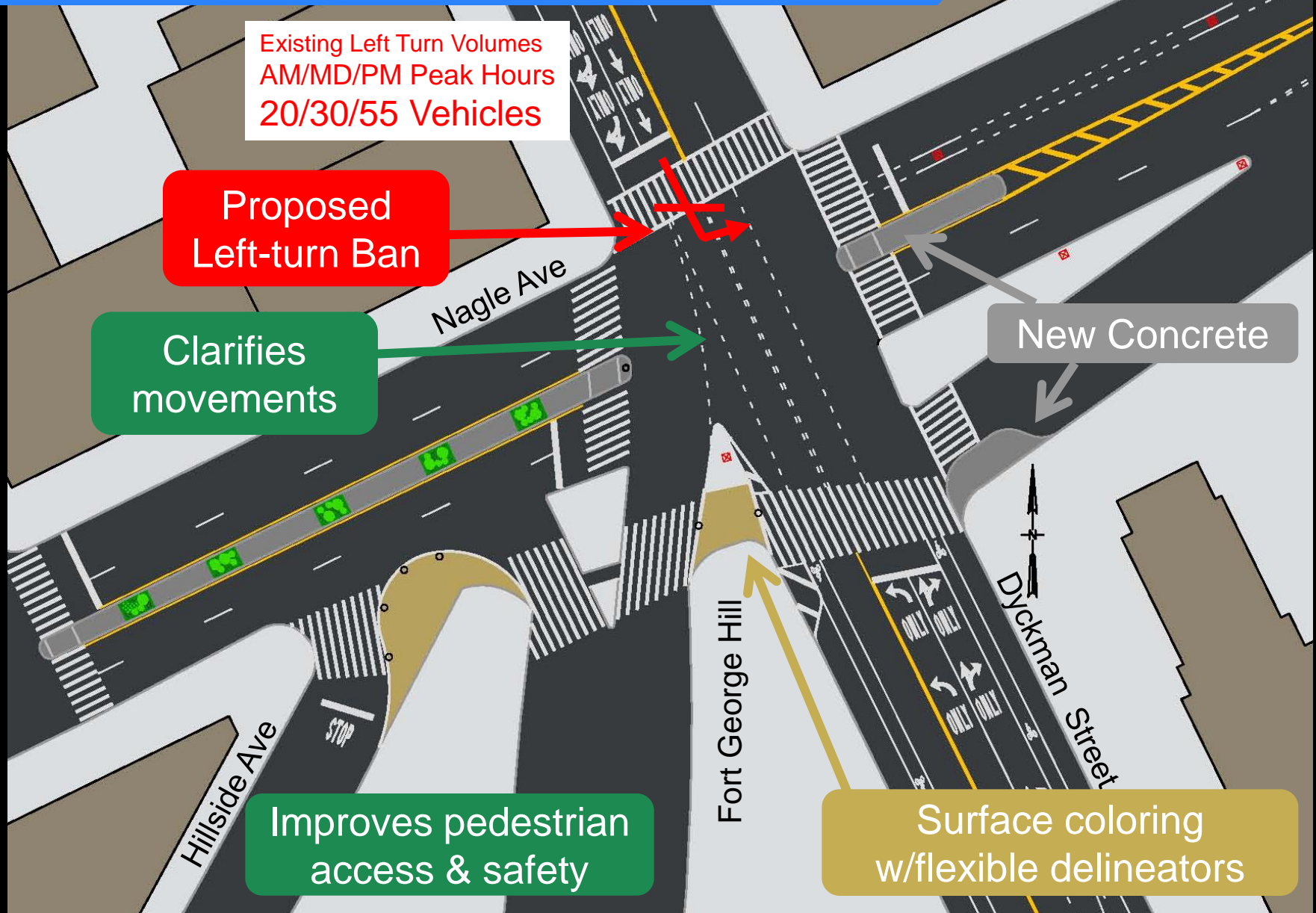
Hillside Ave

Fort George Hill

Dyckman Street



1. Nagle Ave & Dyckman St

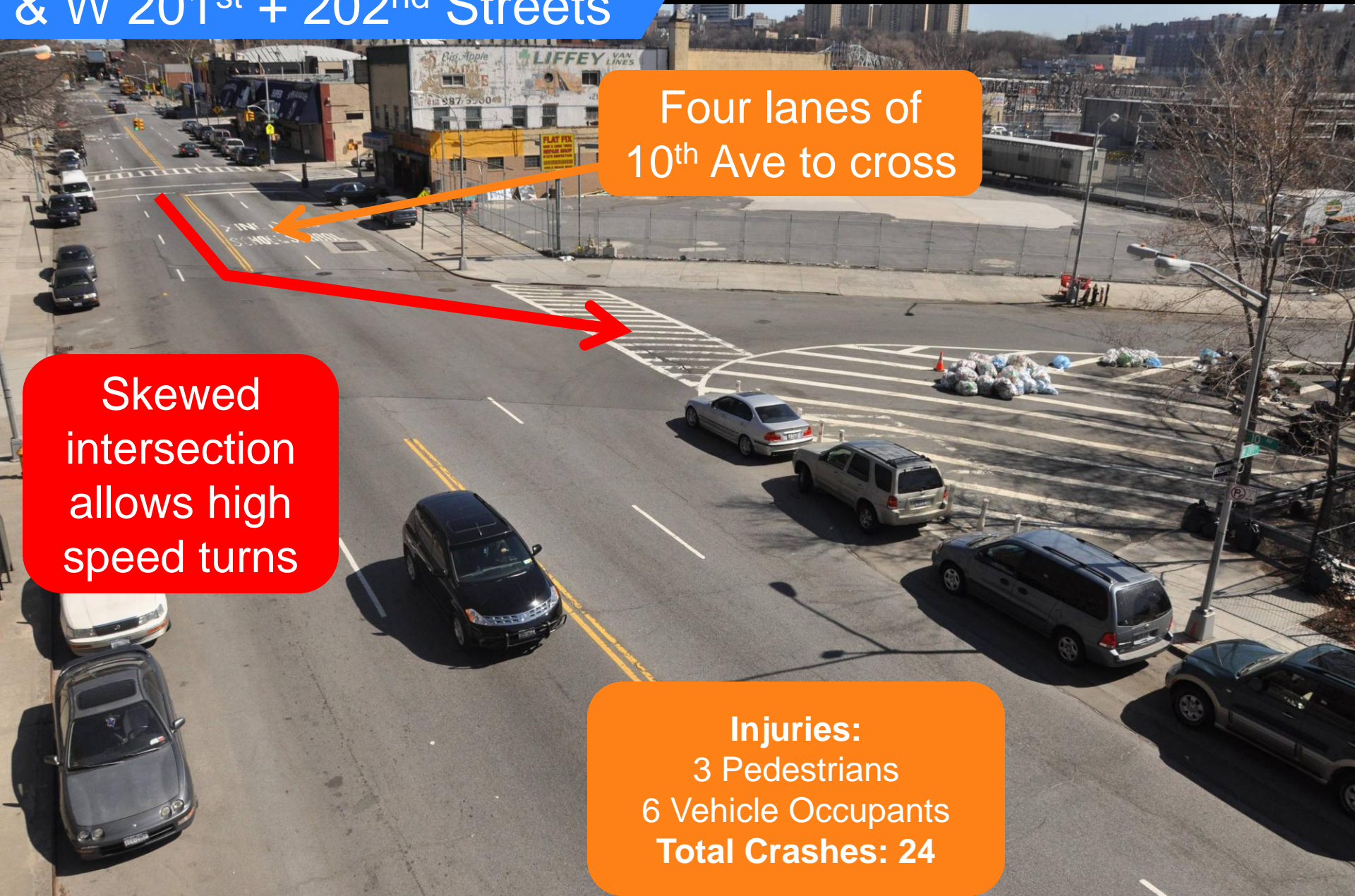


2. 10th Ave & W 201st + 202nd Streets

Four lanes of
10th Ave to cross

Skewed
intersection
allows high
speed turns

Injuries:
3 Pedestrians
6 Vehicle Occupants
Total Crashes: 24



2. 10th Ave & W 201st + 202nd Streets

Four lanes of
10th Ave to
cross

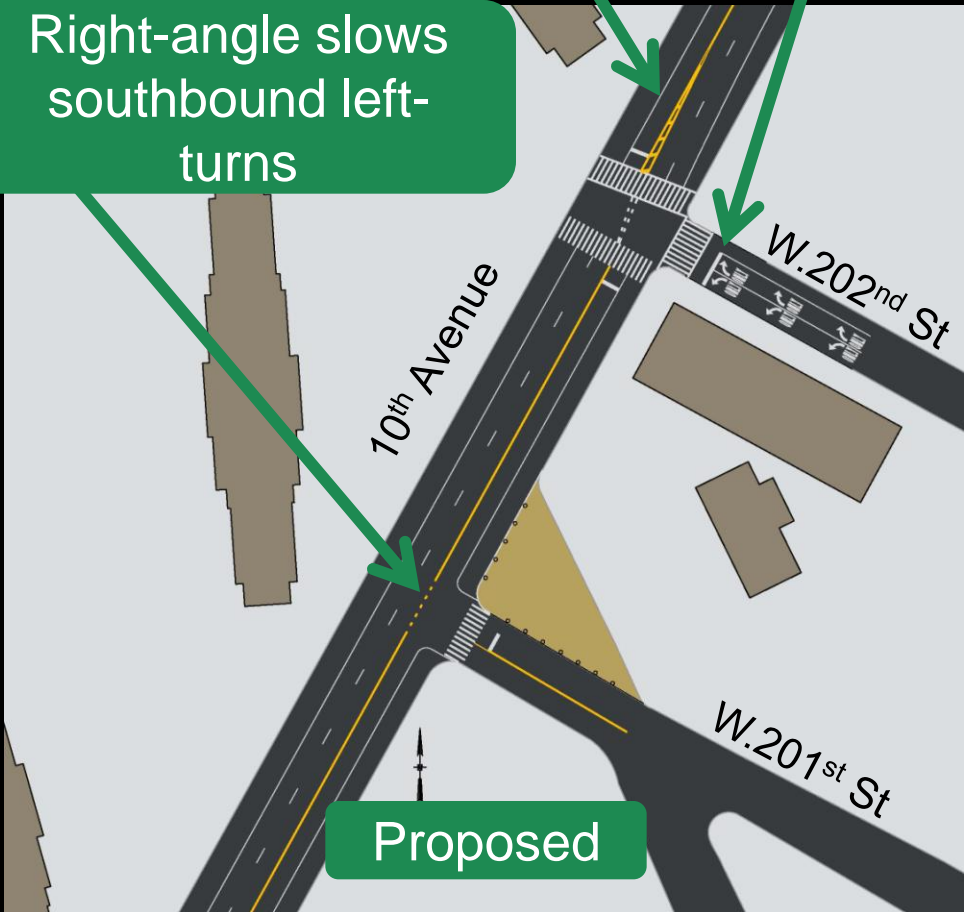
Skewed
intersection
allows high
speed turns

Existing

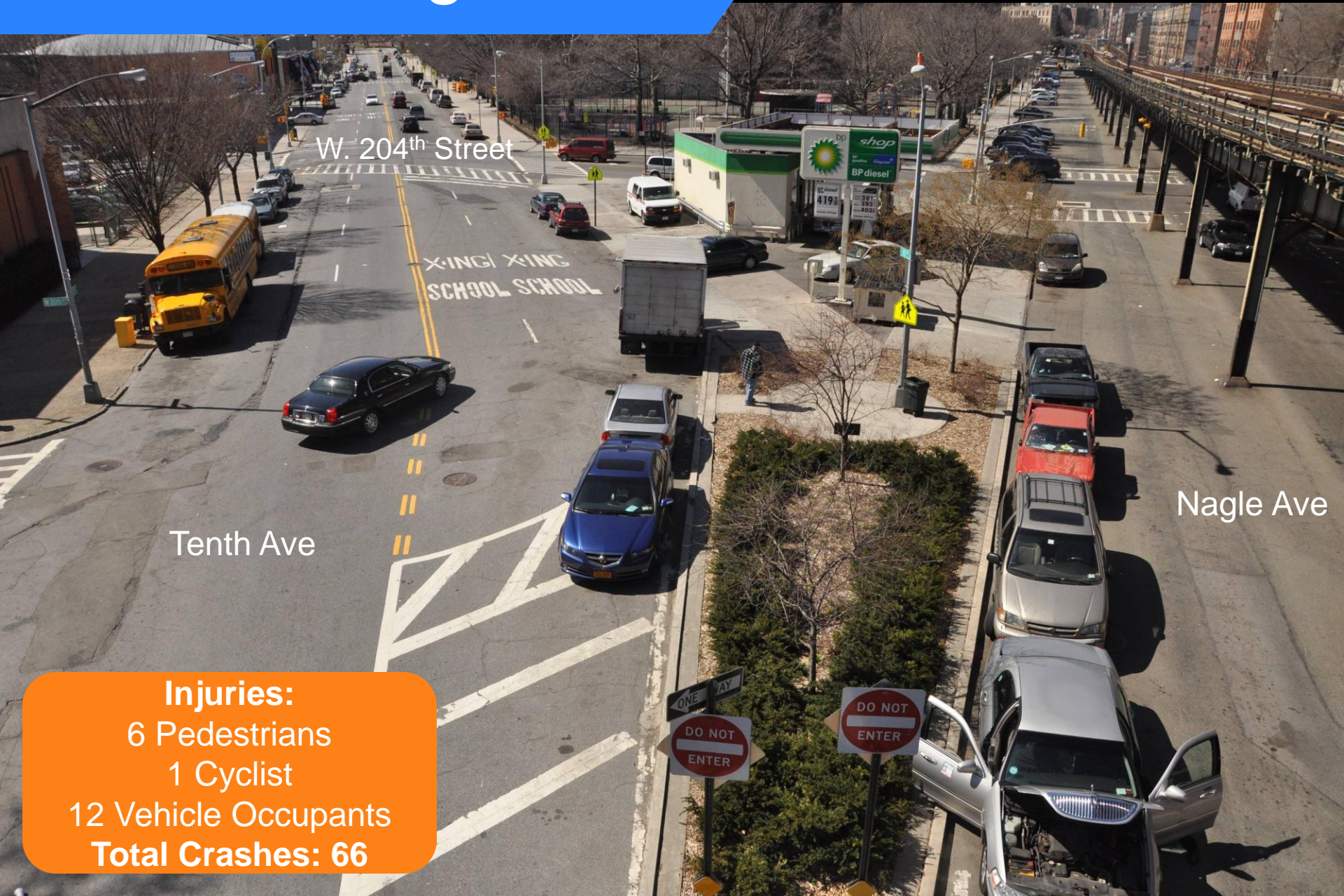
Turn lanes improve
traffic flow

Traffic needs 3 lanes,
4th removed for
pedestrian safety

Right-angle slows
southbound left-
turns



3. 10th & Nagle Aves



Tenth Ave

Nagle Ave

Injuries:

6 Pedestrians

1 Cyclist

12 Vehicle Occupants

Total Crashes: 66

3. 10th & Nagle Aves

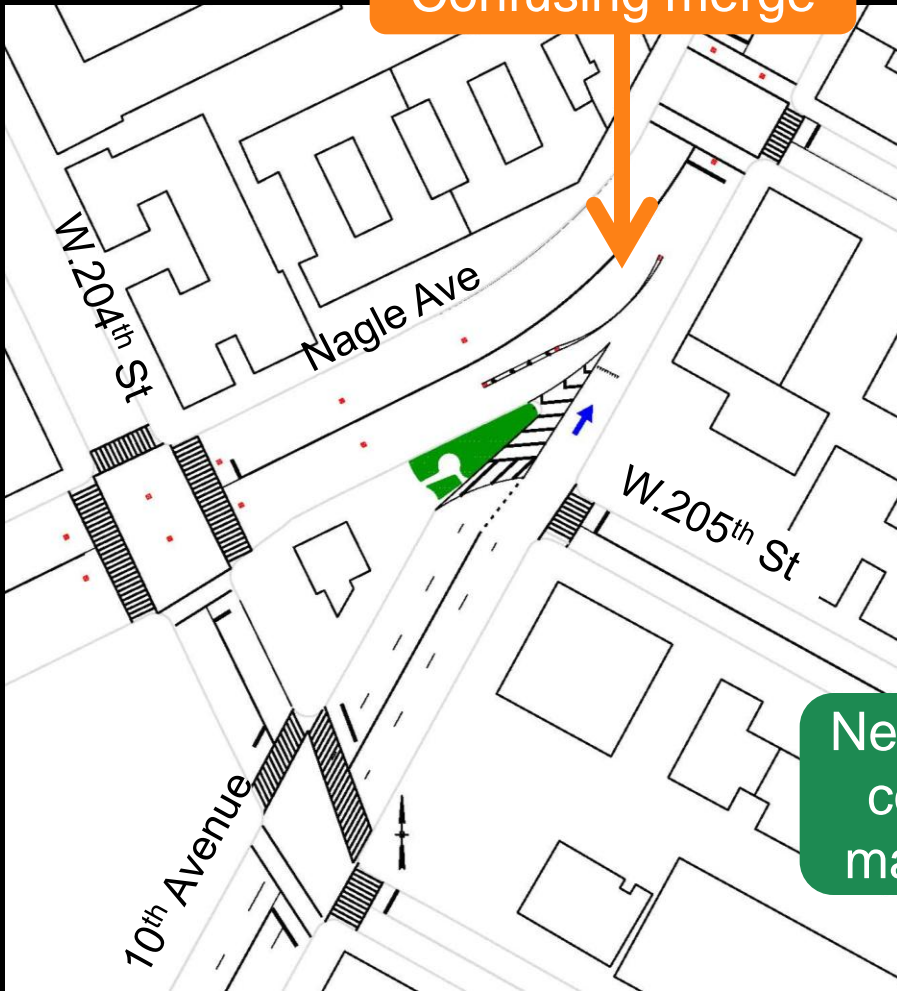


Chaotic merge &
traffic blocked by
double parked
vehicles

3. 10th & Nagle Aves

Existing

Confusing merge

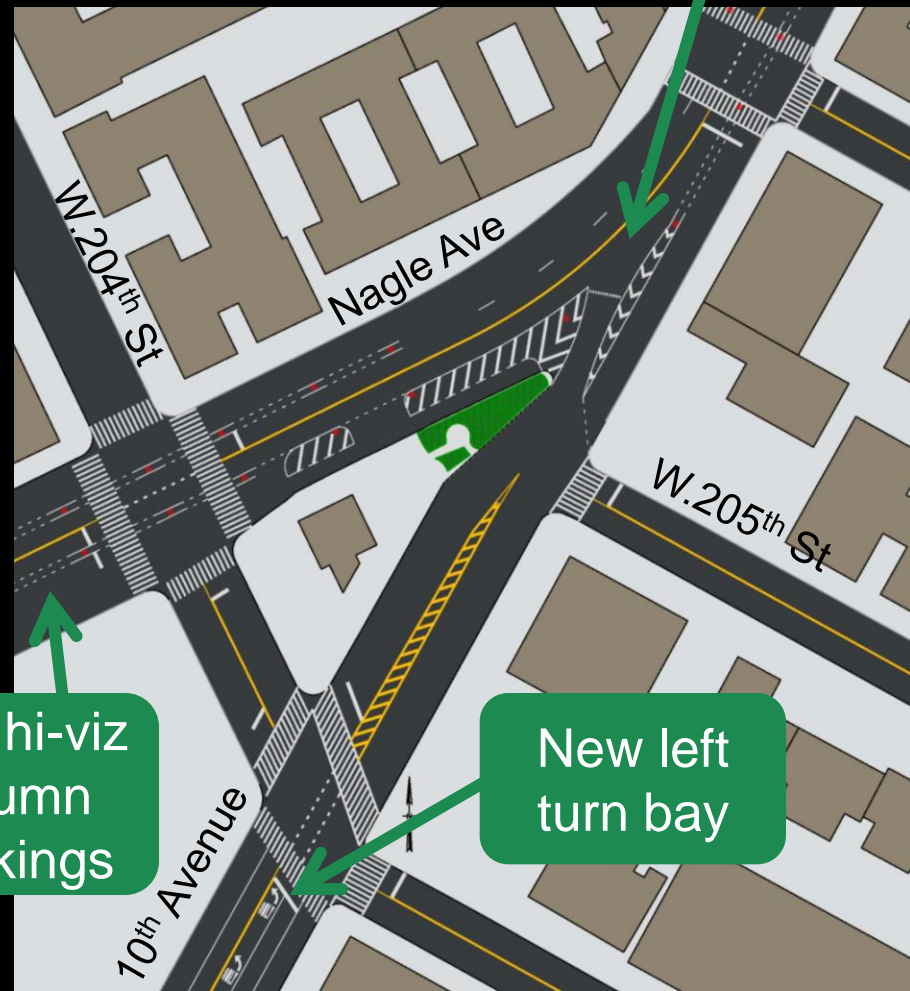


Proposed

New markings clarify merge to Nagle Ave

New hi-viz column markings

New left turn bay



4. 10th Ave & W. 207th St

Injuries:

11 Pedestrians

12 Vehicle Occupants

Total Crashes: 85



Heavy pedestrian volumes

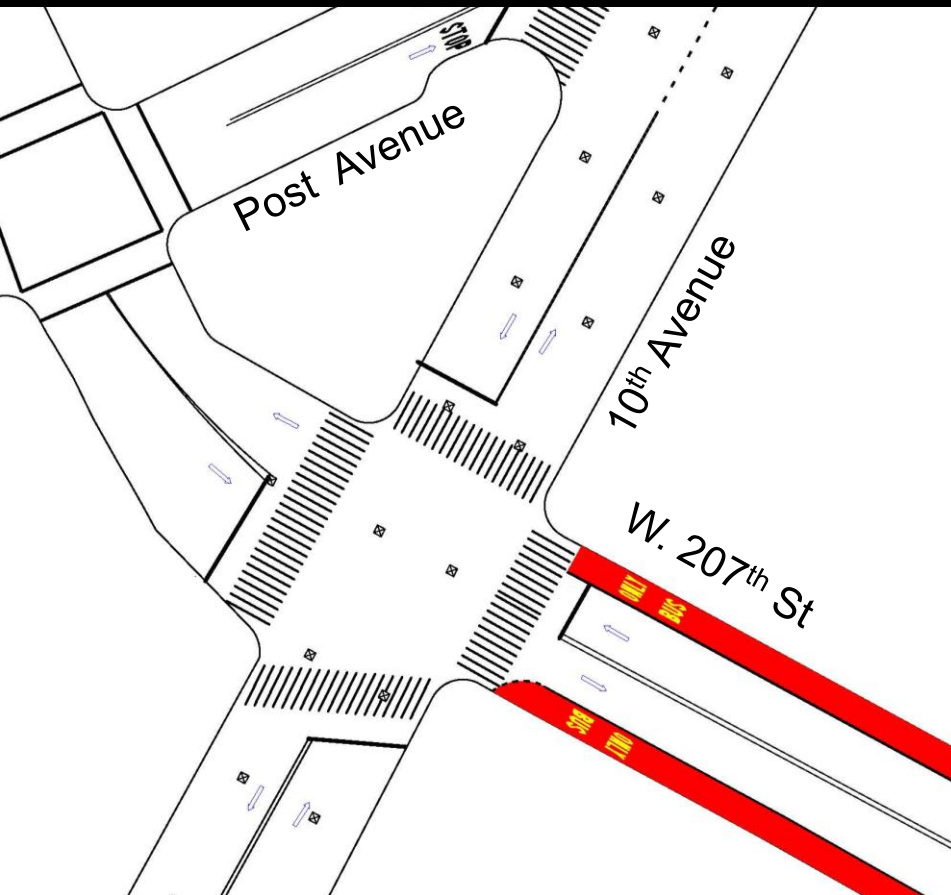


Wide & confusing intersection

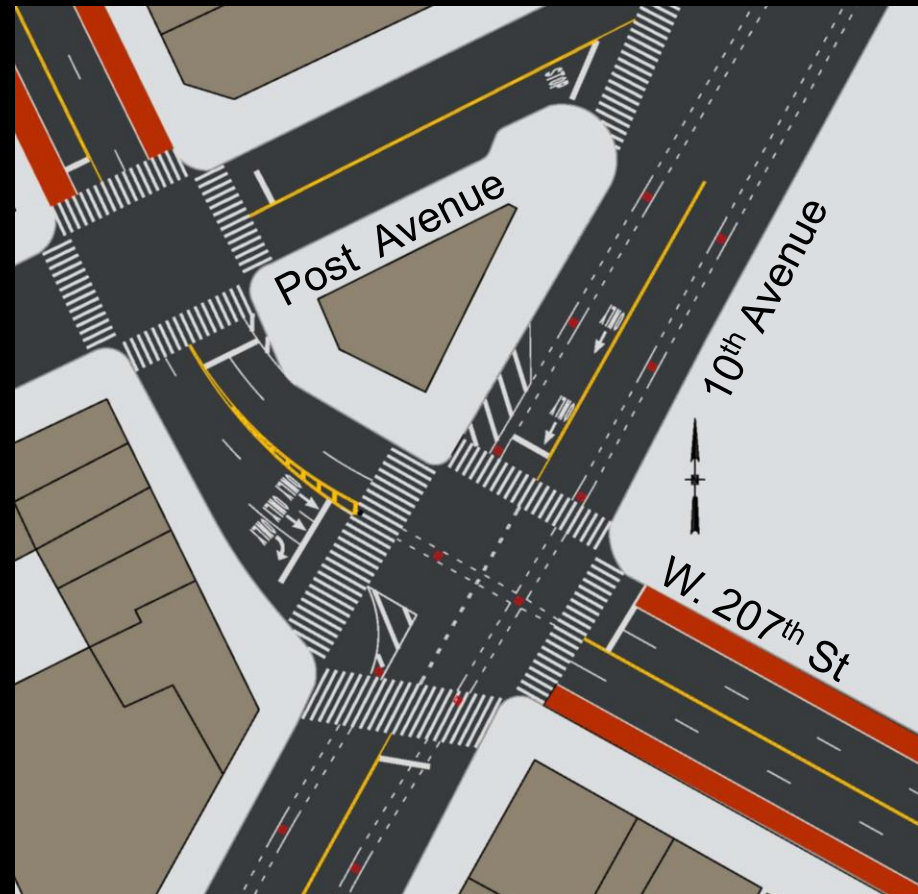
Elevated subway columns block visibility

4. 10th Ave & W. 207th St

Existing



Proposed



4. 10th Ave & W. 207th St

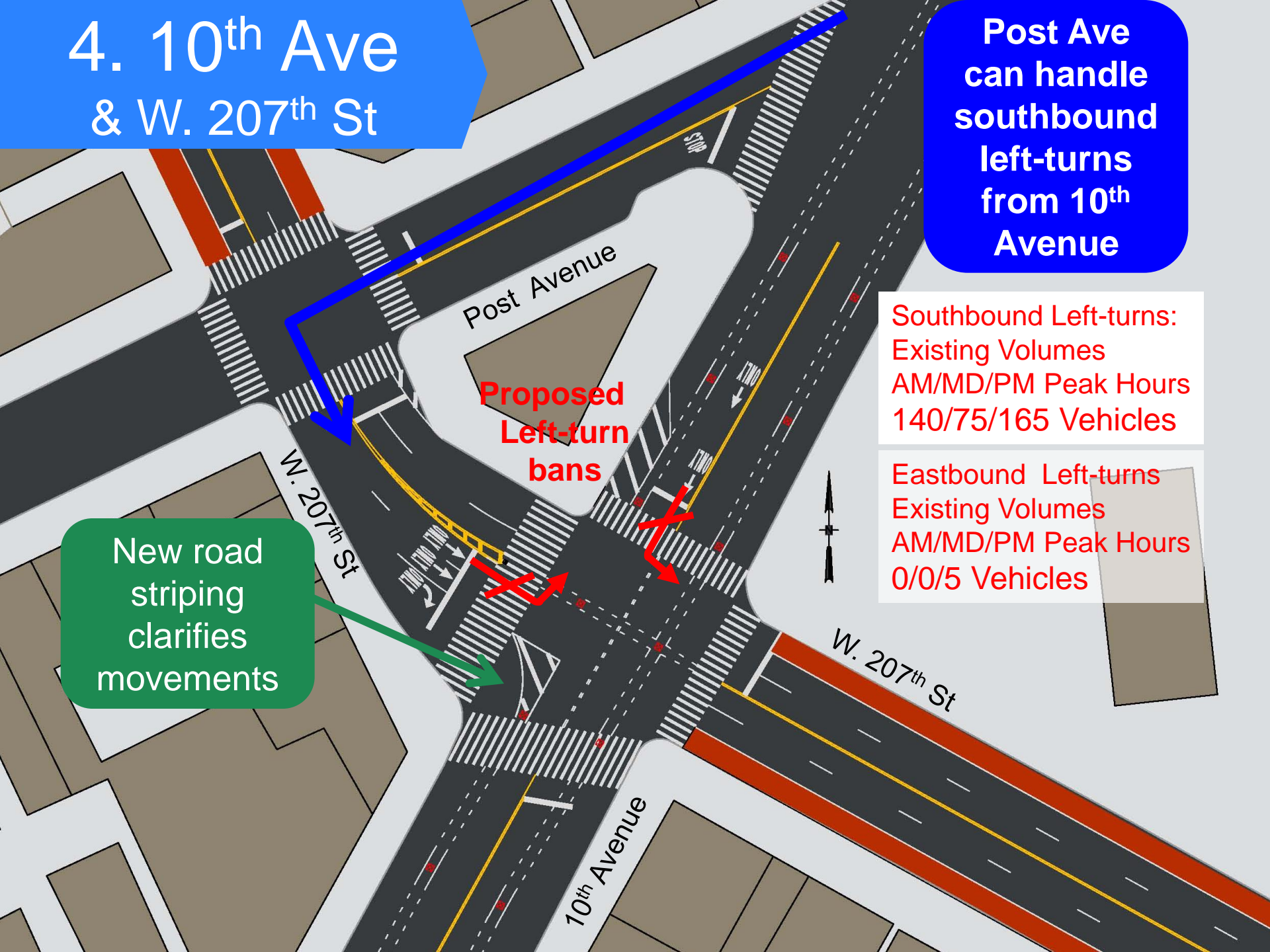
Post Ave
can handle
southbound
left-turns
from 10th
Avenue

Southbound Left-turns:
Existing Volumes
AM/MD/PM Peak Hours
140/75/165 Vehicles

Eastbound Left-turns
Existing Volumes
AM/MD/PM Peak Hours
0/0/5 Vehicles

Proposed
Left-turn
bans

New road
striping
clarifies
movements



5. W 207th St & 9th Ave

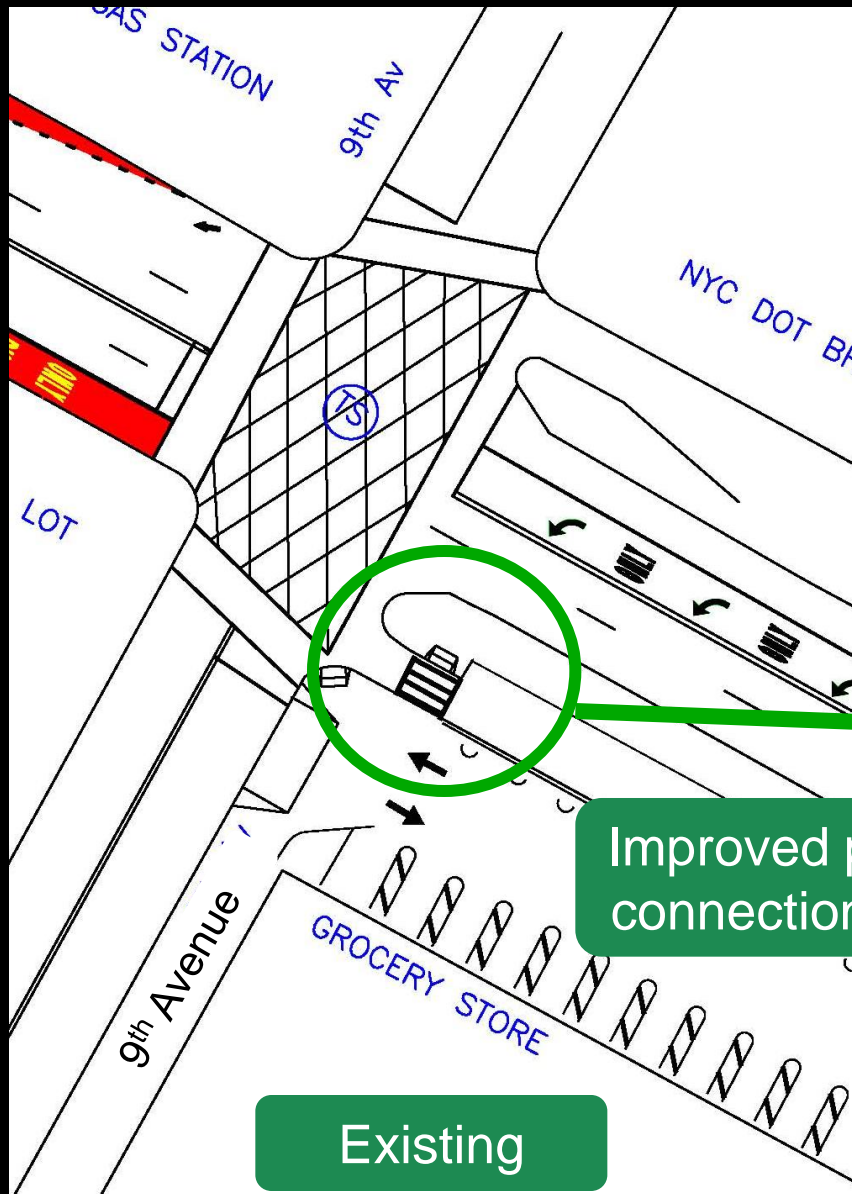
Injuries:
2 Pedestrians
22 Vehicle Occupants
Total Crashes: 116



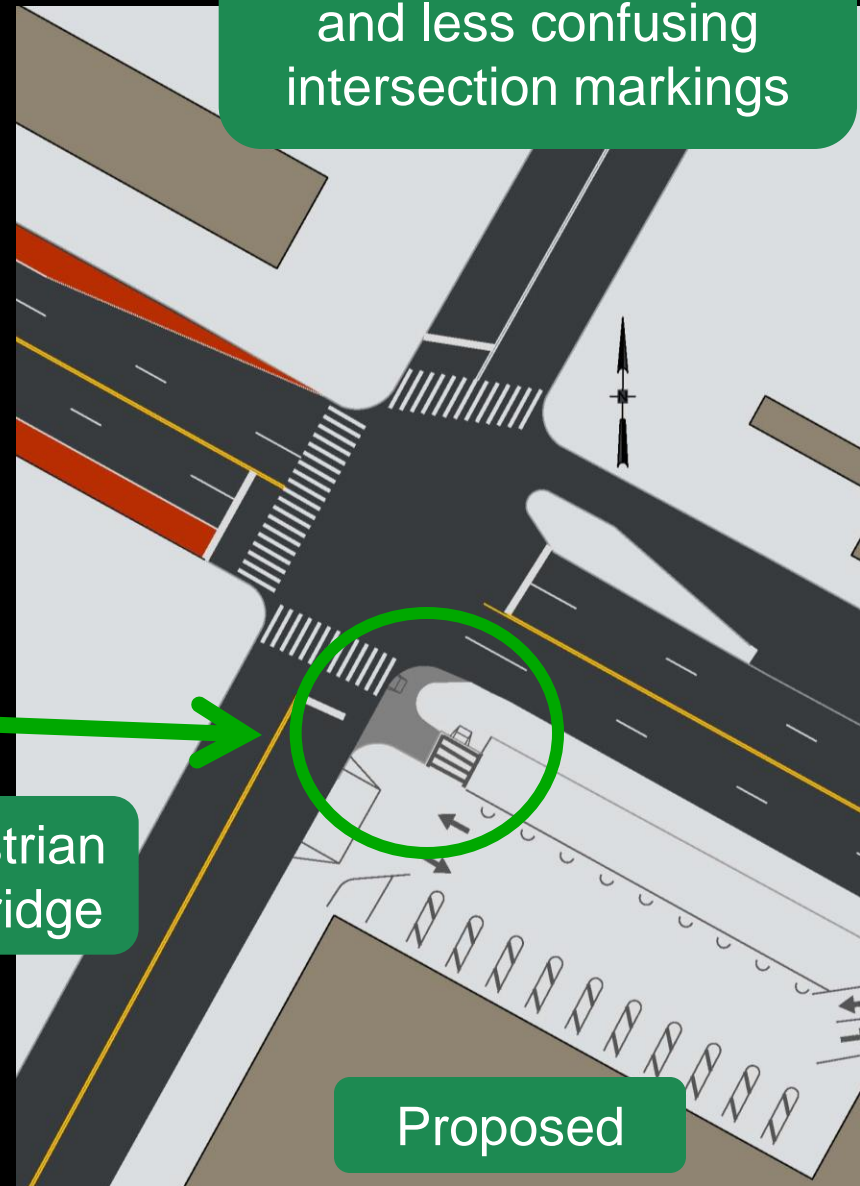
Gap in
sidewalk

5. W 207th St & 9th Ave

Improved crosswalks
and less confusing
intersection markings

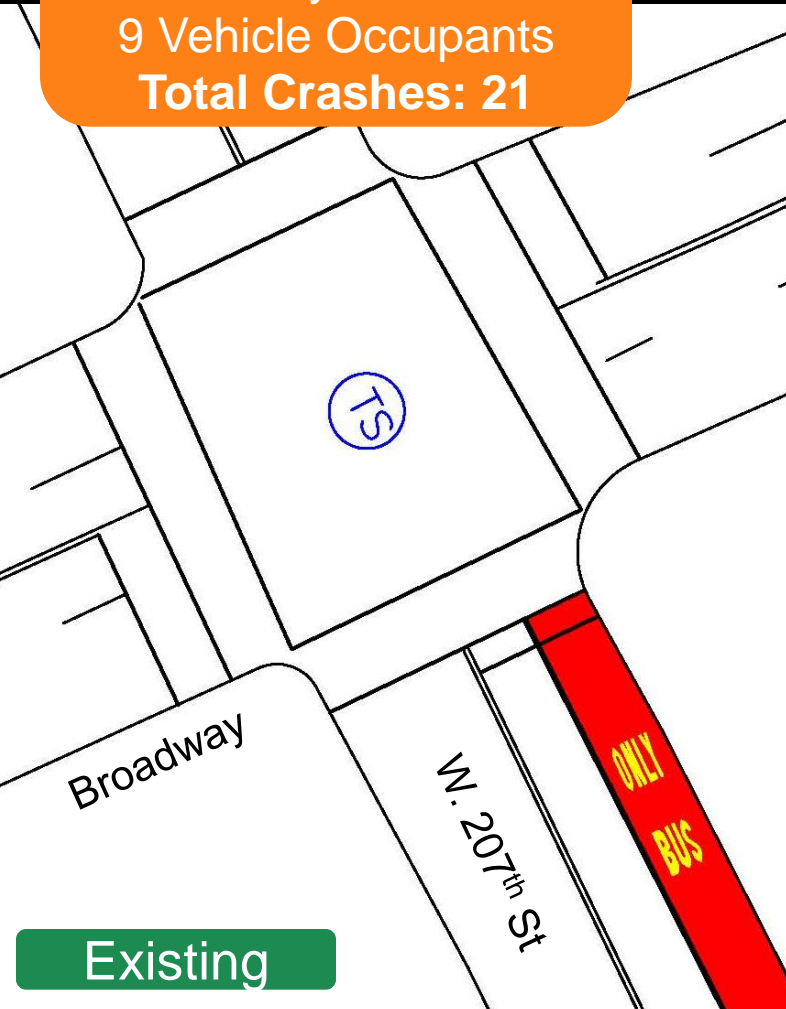


Improved pedestrian
connection to bridge

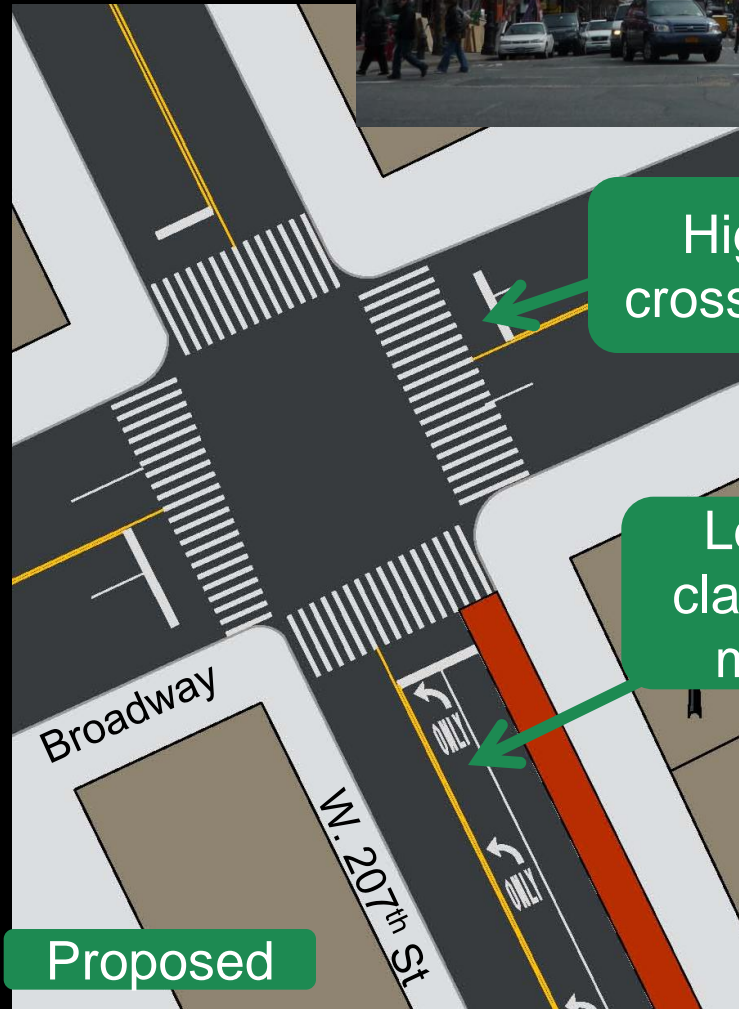


6. Broadway & W 207th St

Injuries:
7 Pedestrians
3 Cyclists
9 Vehicle Occupants
Total Crashes: 21



Existing



Proposed



High visibility
crosswalks added

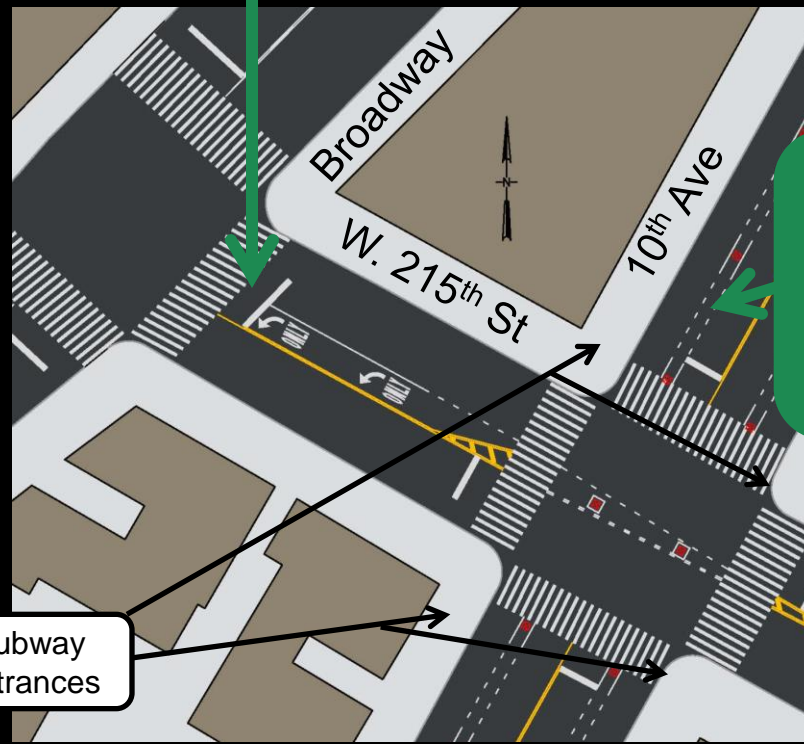
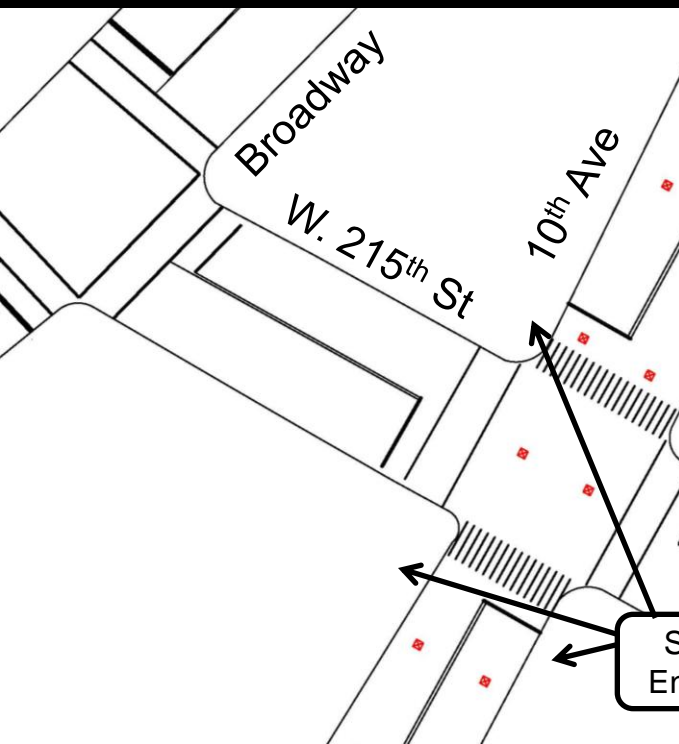
Left-turn bay
clarifies vehicle
movements

7. W. 215th St at Broadway and 10th Avenue

Injuries:
3 Pedestrians
8 Vehicle Occupants
Total Crashes: 33

Existing

Left-turn bay clarifies
vehicle movements



High visibility
crosswalks
added + striping
around columns

Proposed

8. 10th Ave/Broadway & W.218th



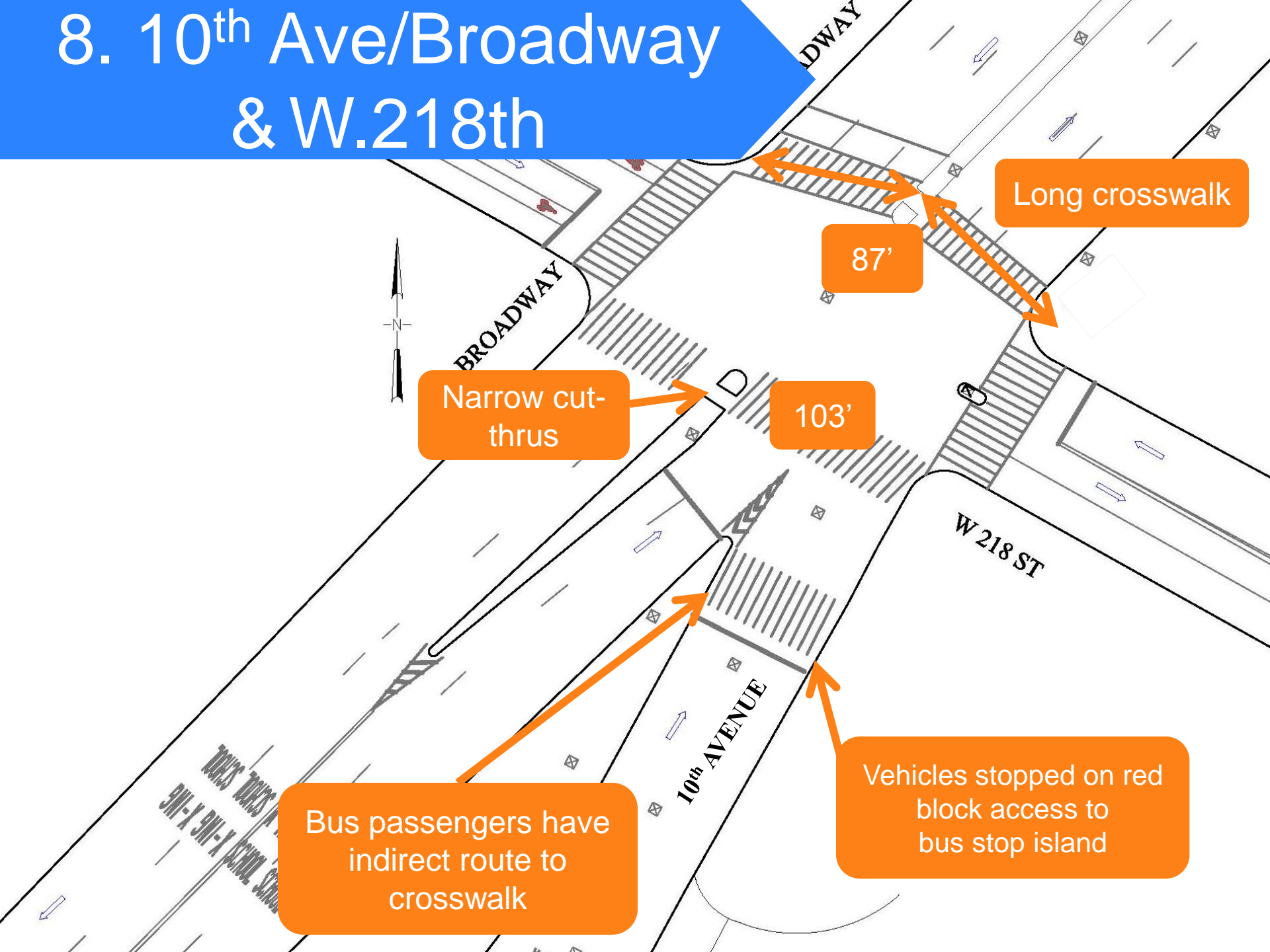
Long crosswalk

Narrow cut-thrus on
medians

Vehicles stopped on
red
block access to
bus stop island



8. 10th Ave/Broadway & W.218th



Long crosswalk

87'

Narrow cut-thrus

103'

Bus passengers have indirect route to crosswalk

Vehicles stopped on red block access to bus stop island

W 218 ST

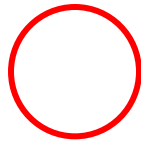
10th AVENUE

BROADWAY

Partially funded - future construction

Plans in Development
For September
Community Board 12
Meeting

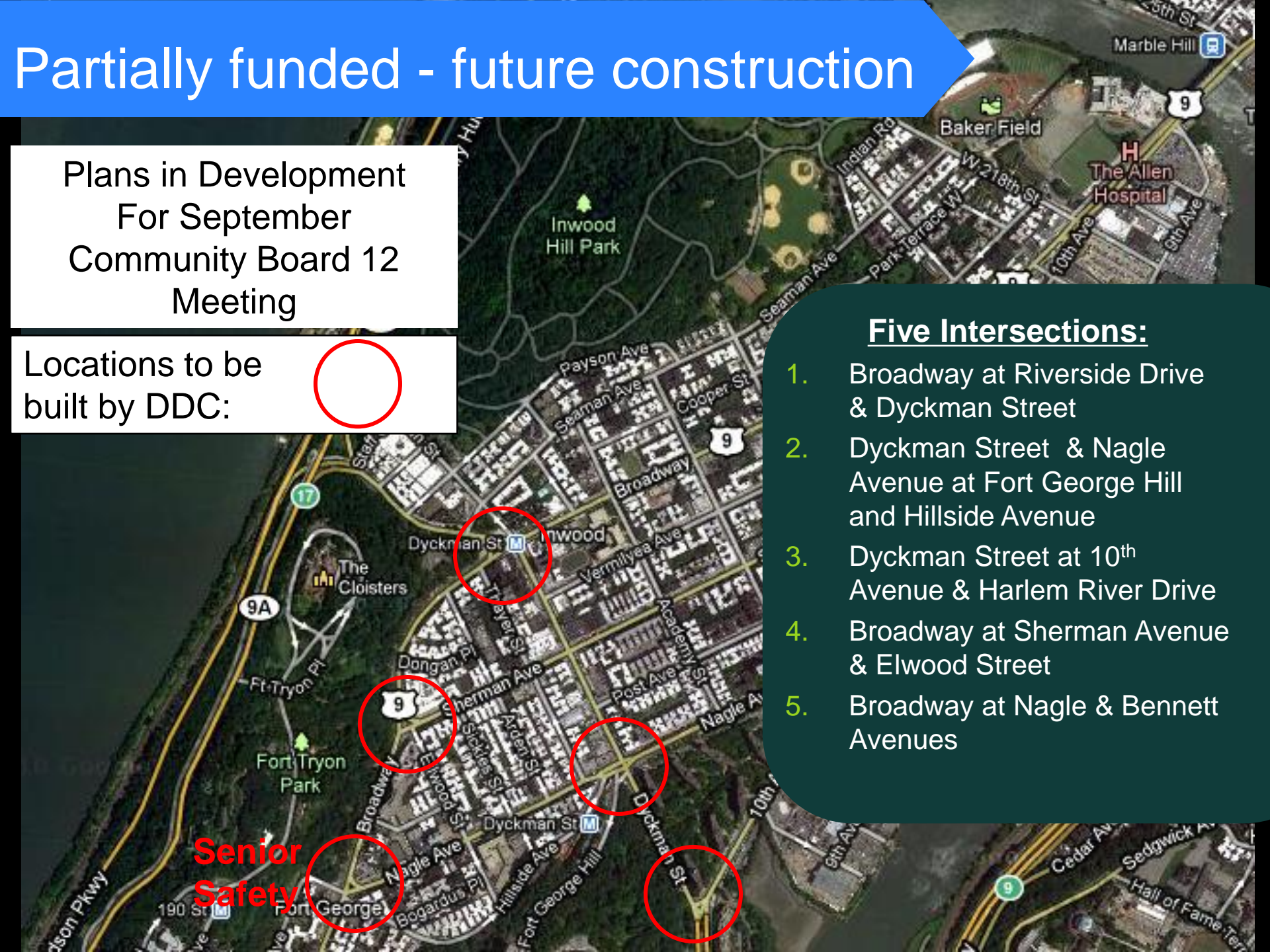
Locations to be
built by DDC:



Five Intersections:

1. Broadway at Riverside Drive & Dyckman Street
2. Dyckman Street & Nagle Avenue at Fort George Hill and Hillside Avenue
3. Dyckman Street at 10th Avenue & Harlem River Drive
4. Broadway at Sherman Avenue & Elwood Street
5. Broadway at Nagle & Bennett Avenues

**Senior
Safety**



www.nyc.gov/dot

Thank
You

