

Morningside Avenue

2013



Commissioner Janette Sadik-Khan, New York City Department of Transportation
Presented by Division of Traffic & Planning, October 23rd, to Community Boards 9 & 10

Project Background

Morningside Avenue - W 116th St to W 126th St, MN Injury Summary, 2007-2011 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	27	4	0	4
Bicyclist	9	1	0	1
Motor Vehicle Occupant	66	4	0	4
Total	102	9	0	9

Fatalities, 01/01/2007-7/1/2013 : None

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

2 pedestrian fatalities in 2006

Morningside Ave narrows to 42' south of W 116th St and to 38' north of W 126th St

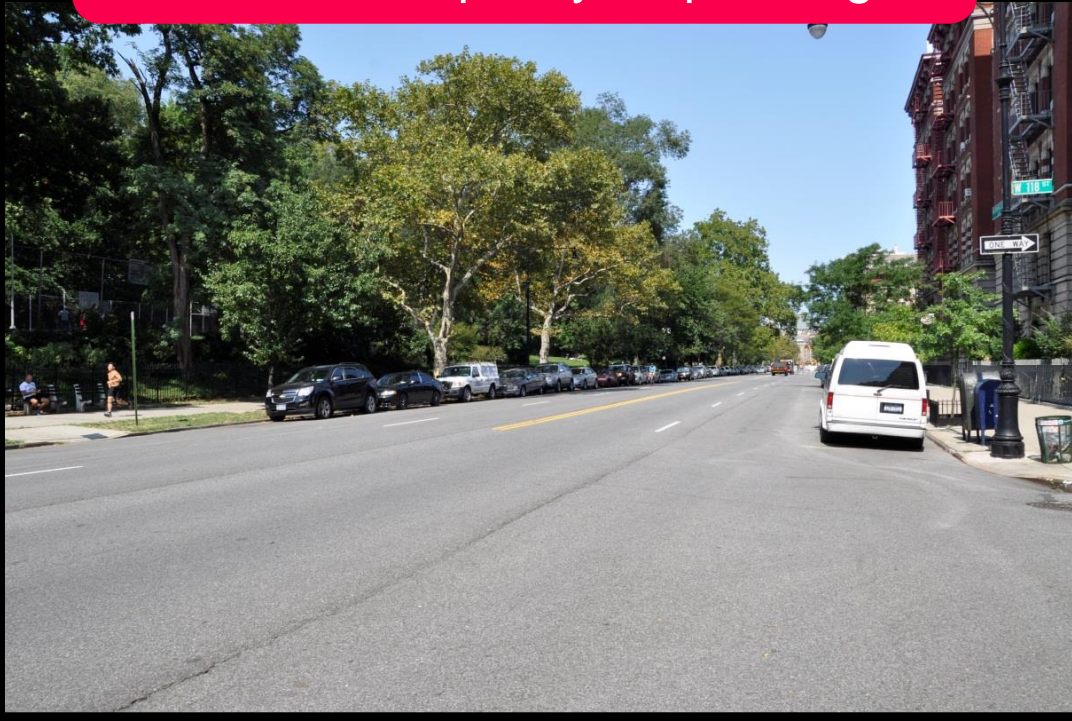
Morningside Ave separates park from community to the east



Morningside Ave Corridor

Existing Conditions

60' roadway with low traffic volumes
= excess capacity + speeding



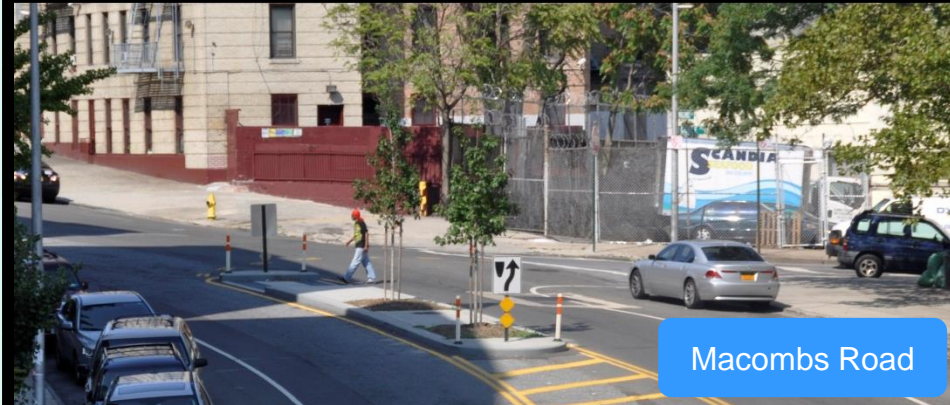
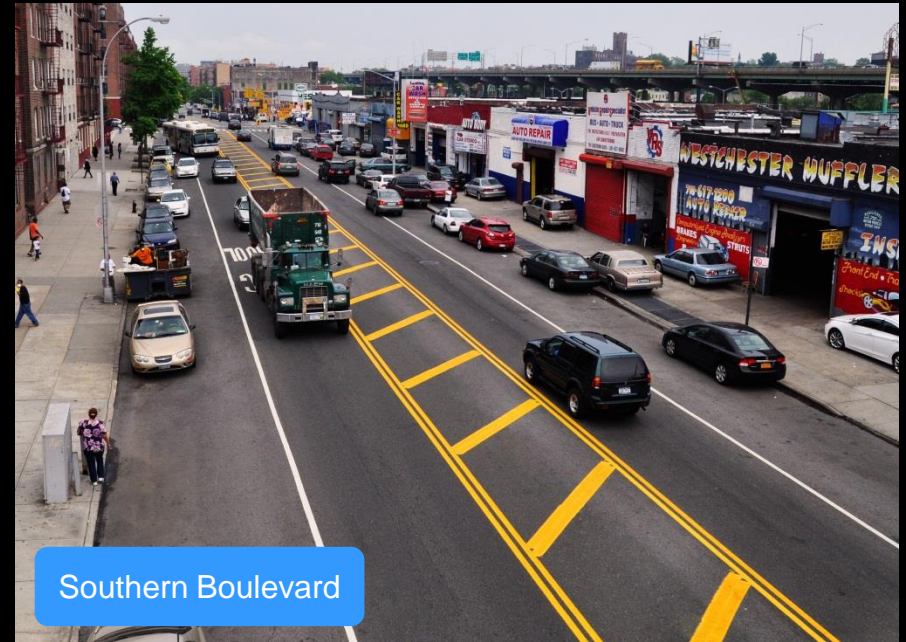
58% of northbound vehicles and
66% of southbound were speeding
during recent speed survey



Safety Results from Similar Treatments

4 lane to 3 lane Traffic Calming

PROJECT	CRASHES WITH INJURIES (% CHANGE)
WEST 6 TH STREET	-24%
EMPIRE BOULEVARD	-15%
ALLERTON AVENUE	-28%
GERRITSEN AVENUE	-40%
SOUTHERN BOULEVARD	-20%
RANDALL AVENUE	-22%
MACOMBS ROAD	-44%



Morningside Ave and W 118th St/W 117th St

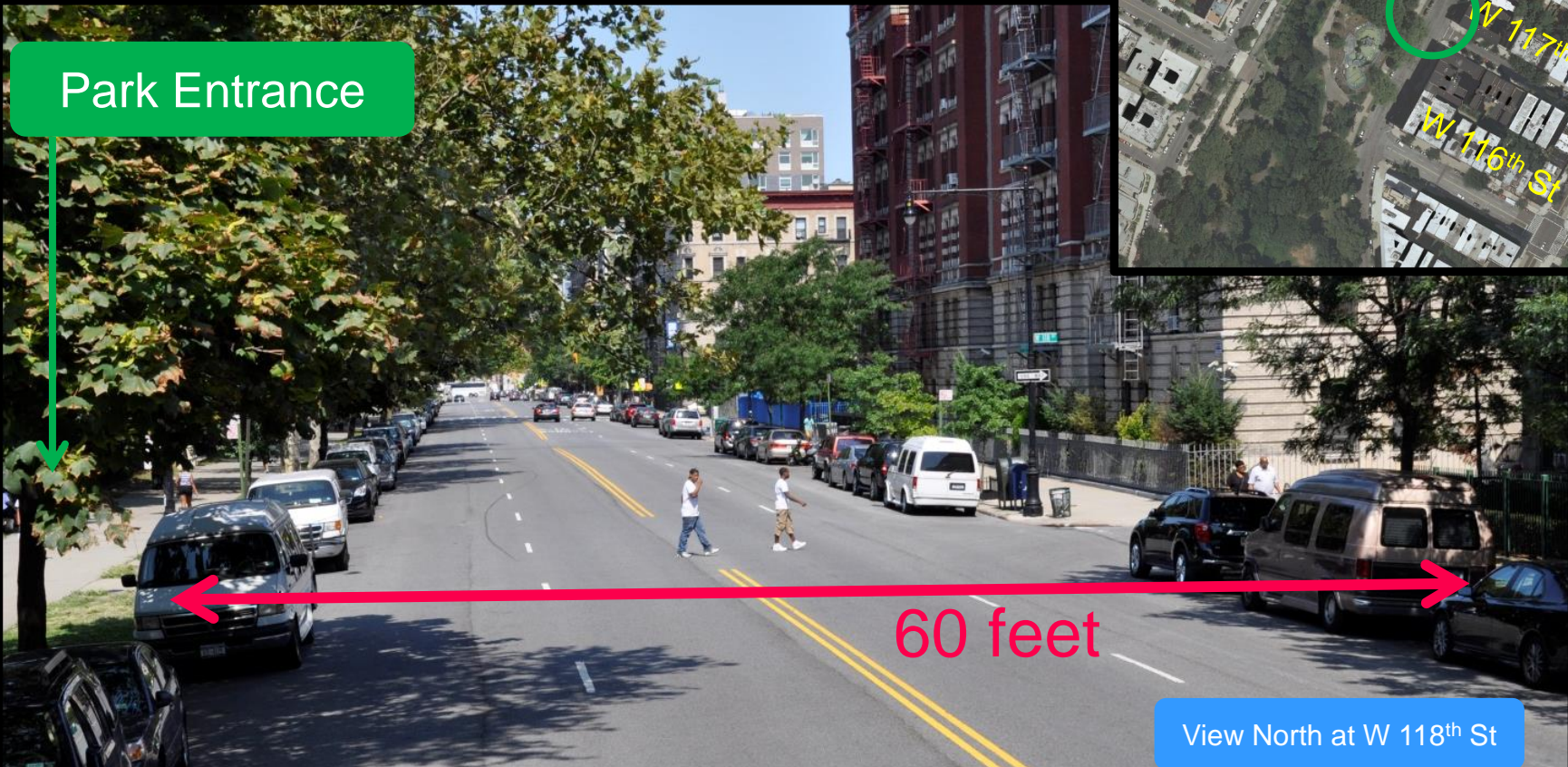
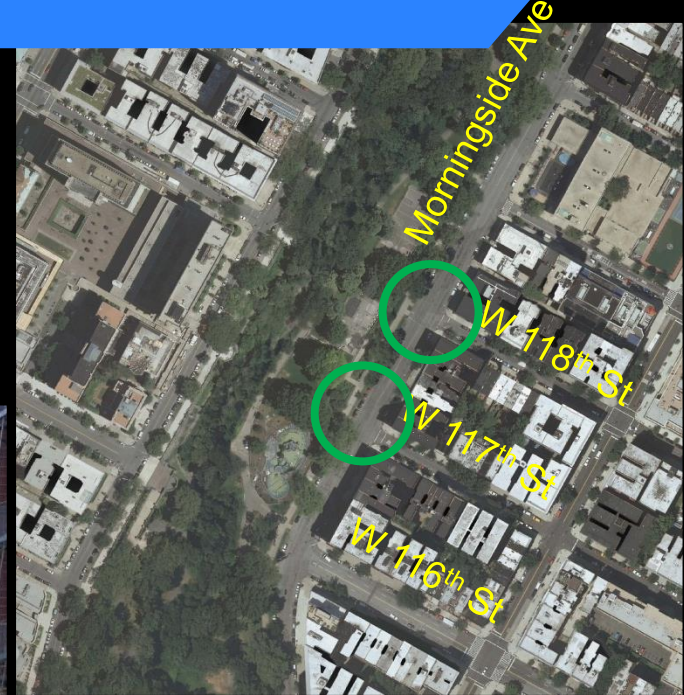
Existing Conditions

No crosswalks or vehicle control at playground entrances

Park Entrance

60 feet

View North at W 118th St



Morningside Ave and W 120th St

Existing Conditions

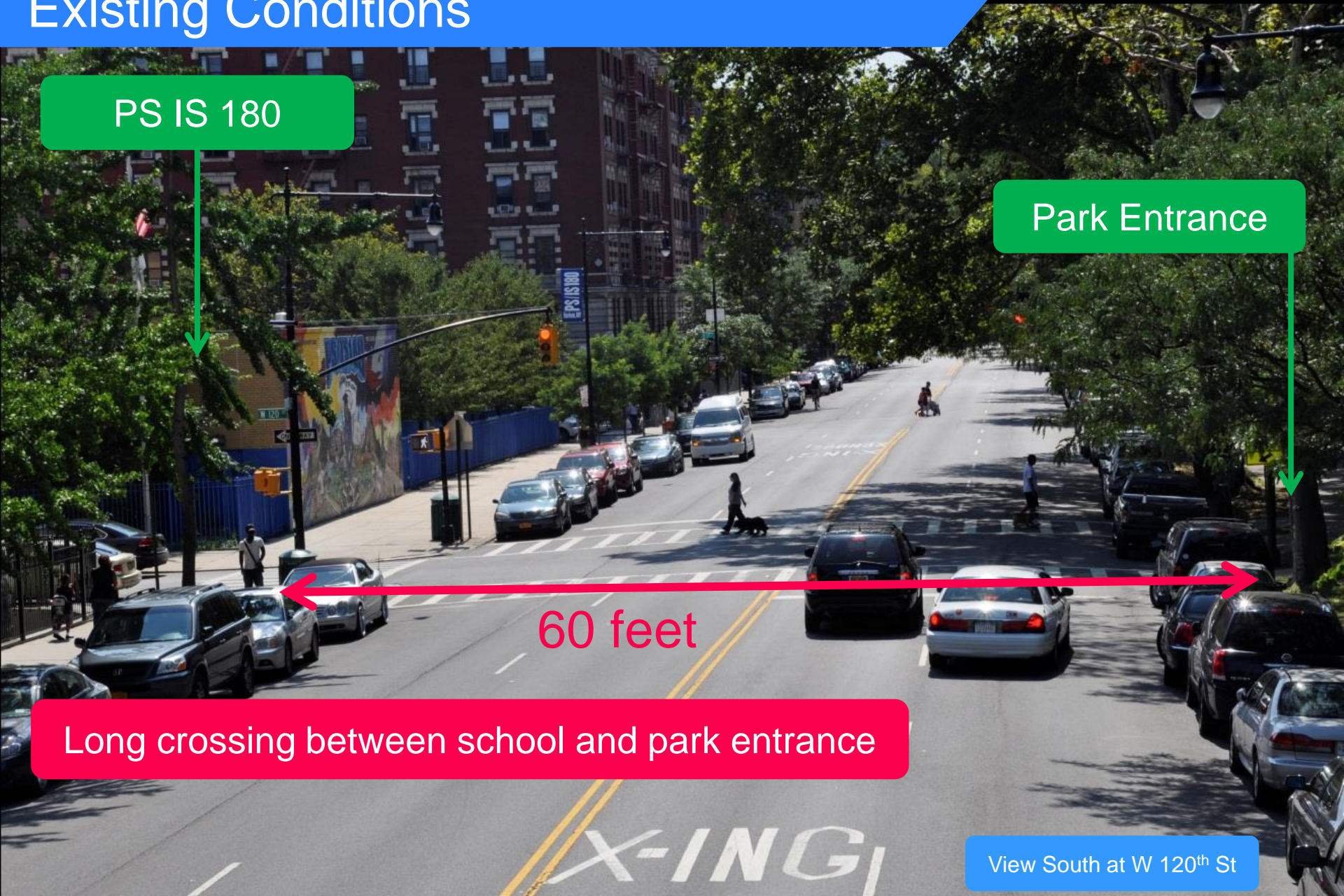
PS IS 180

Park Entrance

60 feet

Long crossing between school and park entrance

View South at W 120th St

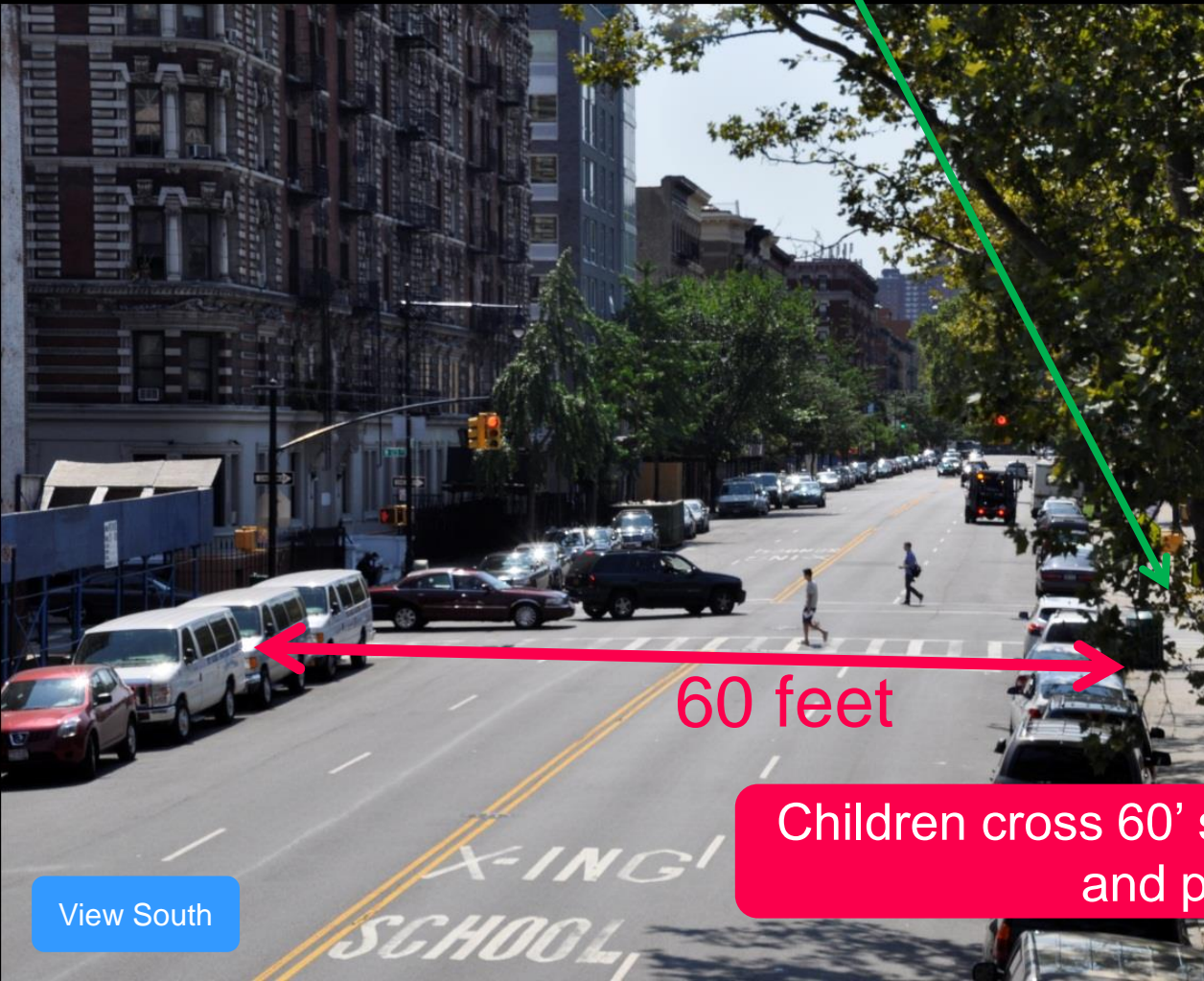


Morningside Ave and W 123rd St

Existing Conditions

Park Entrance

PS 125



Children cross 60' street between residential and park/ PS 125

Morningside Ave

Existing Corridor Conditions

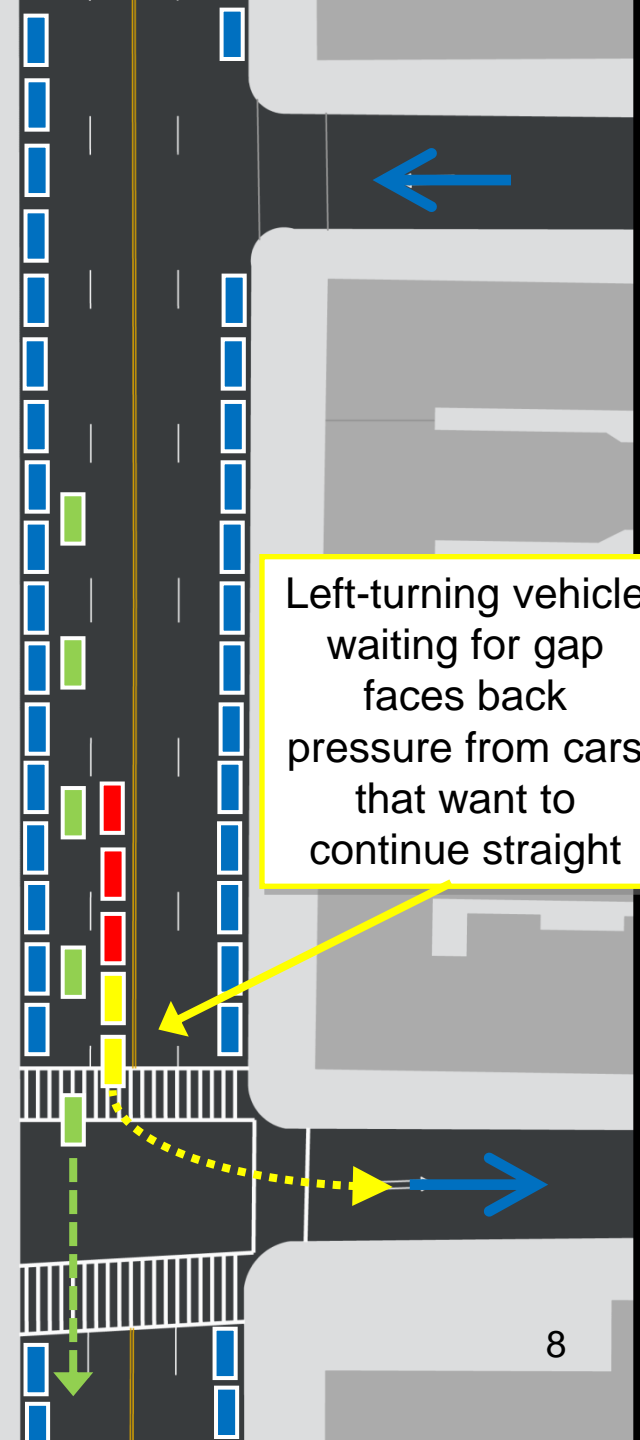
Volumes
385 AM/325 PM
10 vehicles per signal cycle

Legend

Parked vehicle
Moving thru vehicle
Left turning vehicle
Stopped blocked vehicle

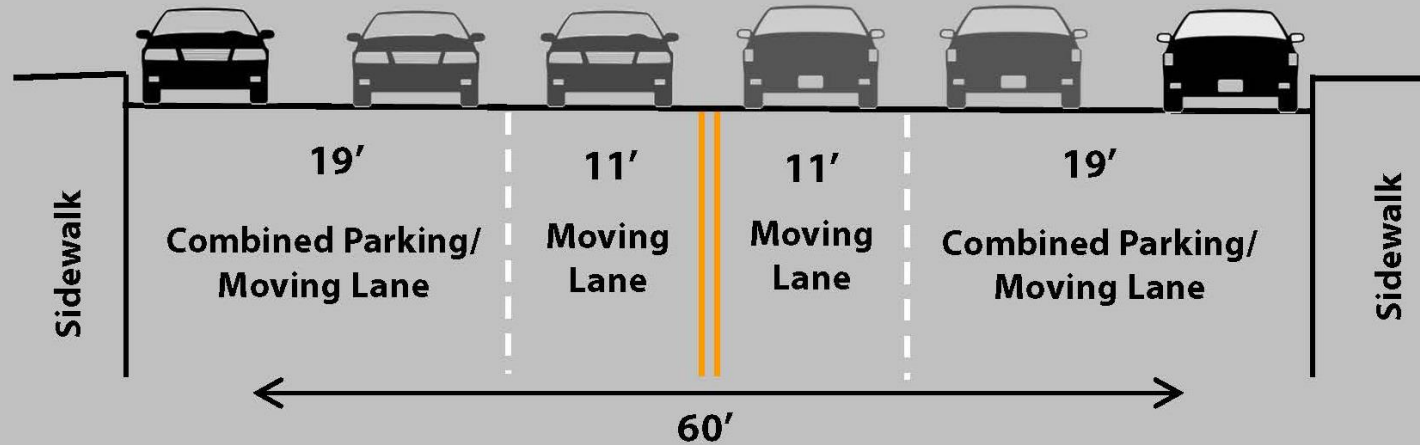


Left-turning vehicle
waiting for gap
faces back
pressure from cars
that want to
continue straight

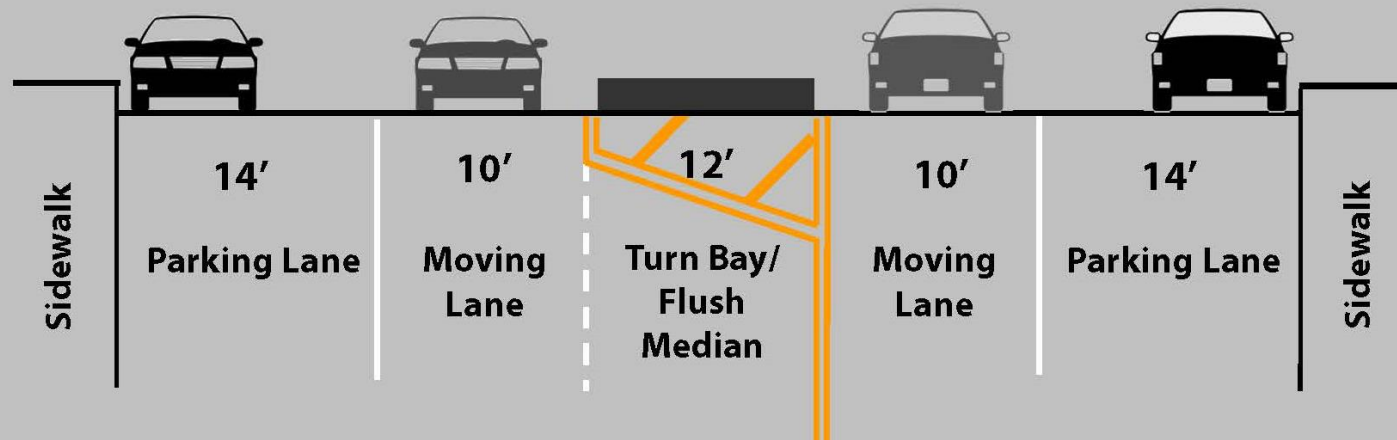


Morningside Avenue Profile

EXISTING



PROPOSED



Morningside Ave

Proposed Corridor Conditions

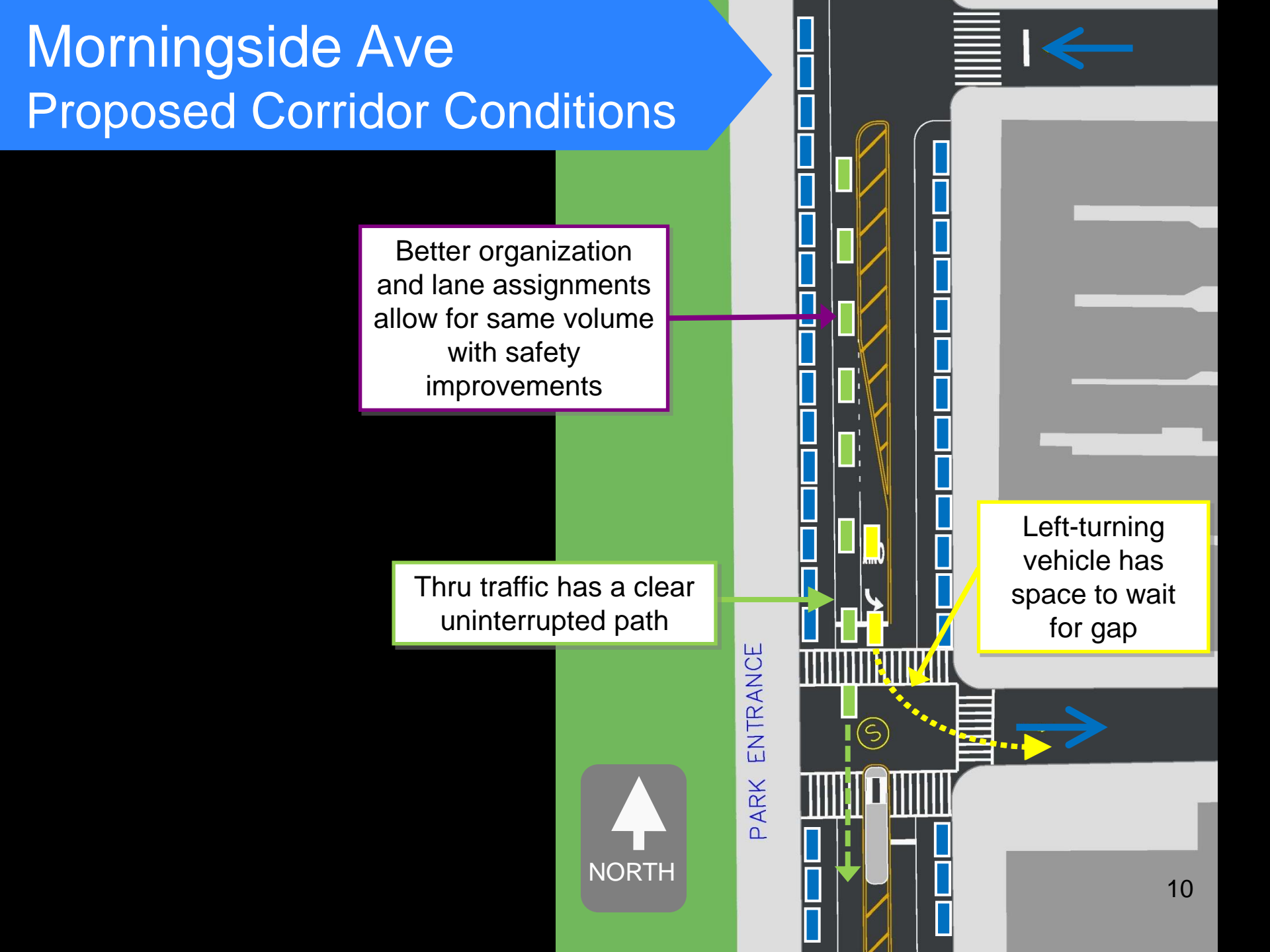
Better organization
and lane assignments
allow for same volume
with safety
improvements

Thru traffic has a clear
uninterrupted path



PARK ENTRANCE

Left-turning
vehicle has
space to wait
for gap



Morningside Avenue

Example of Road Striping



West 6th Street, Brooklyn

One lane in
each direction

Wide parking lanes

Morningside Avenue Proposal

Left turn bay

New Stop Sign at
W 118th St

Lenox Ave & W 125th St

Safer two part crossing

PARK ENTRANCE

PARK ENTRANCE

MORNINGSIDE AV

W 118 ST



MORNINGSIDE AV

W 117 ST

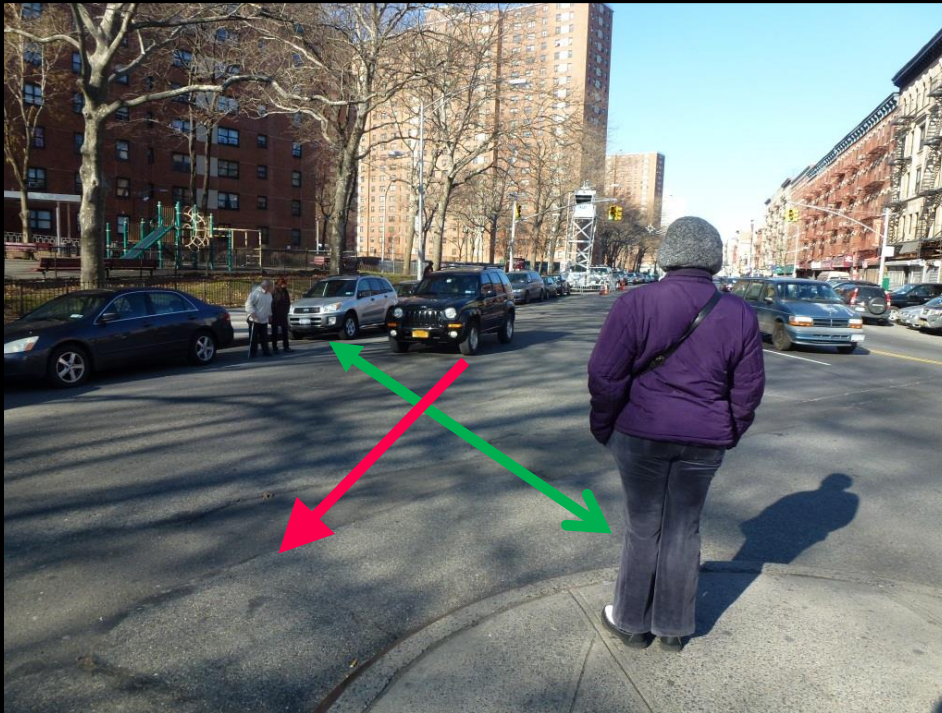


12

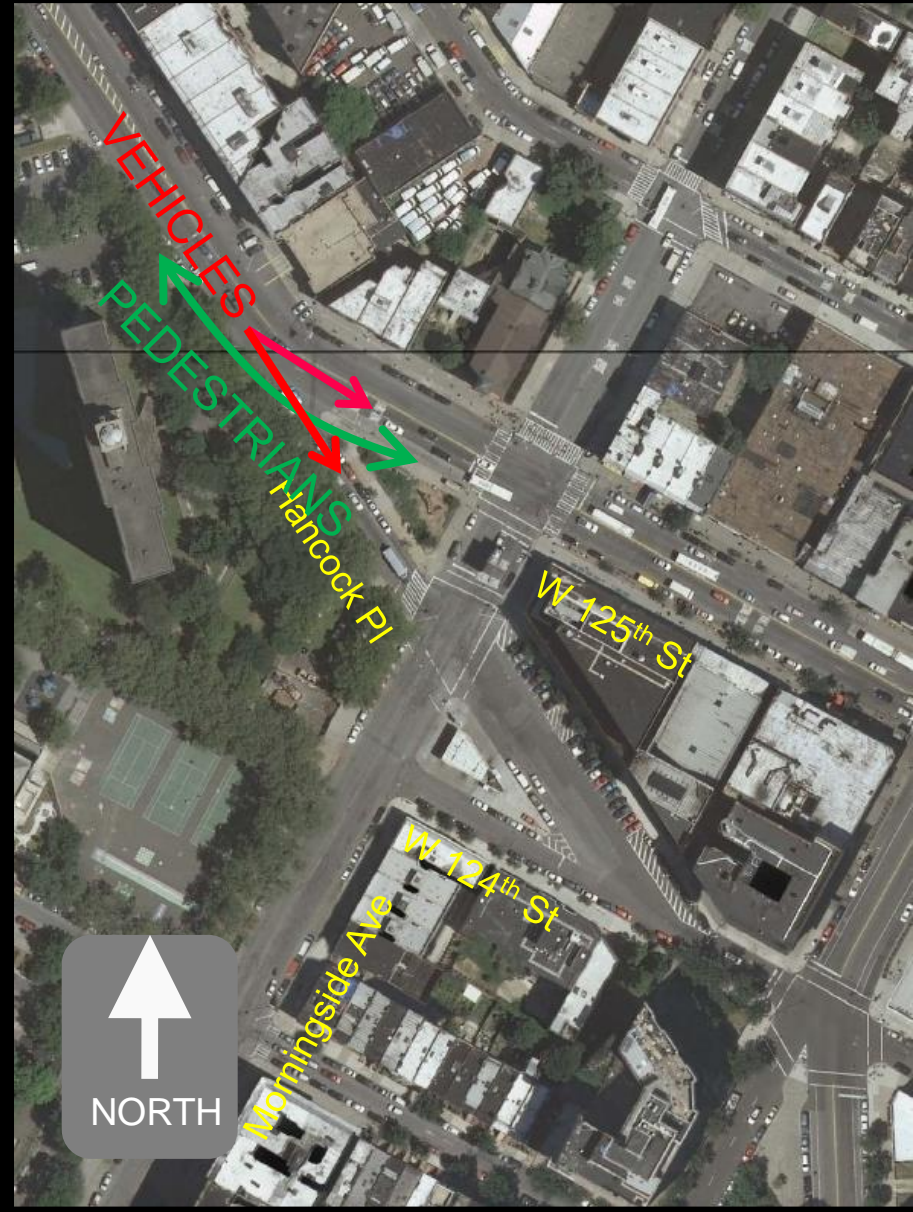
Morningside Ave and Hancock Pl

Existing Conditions

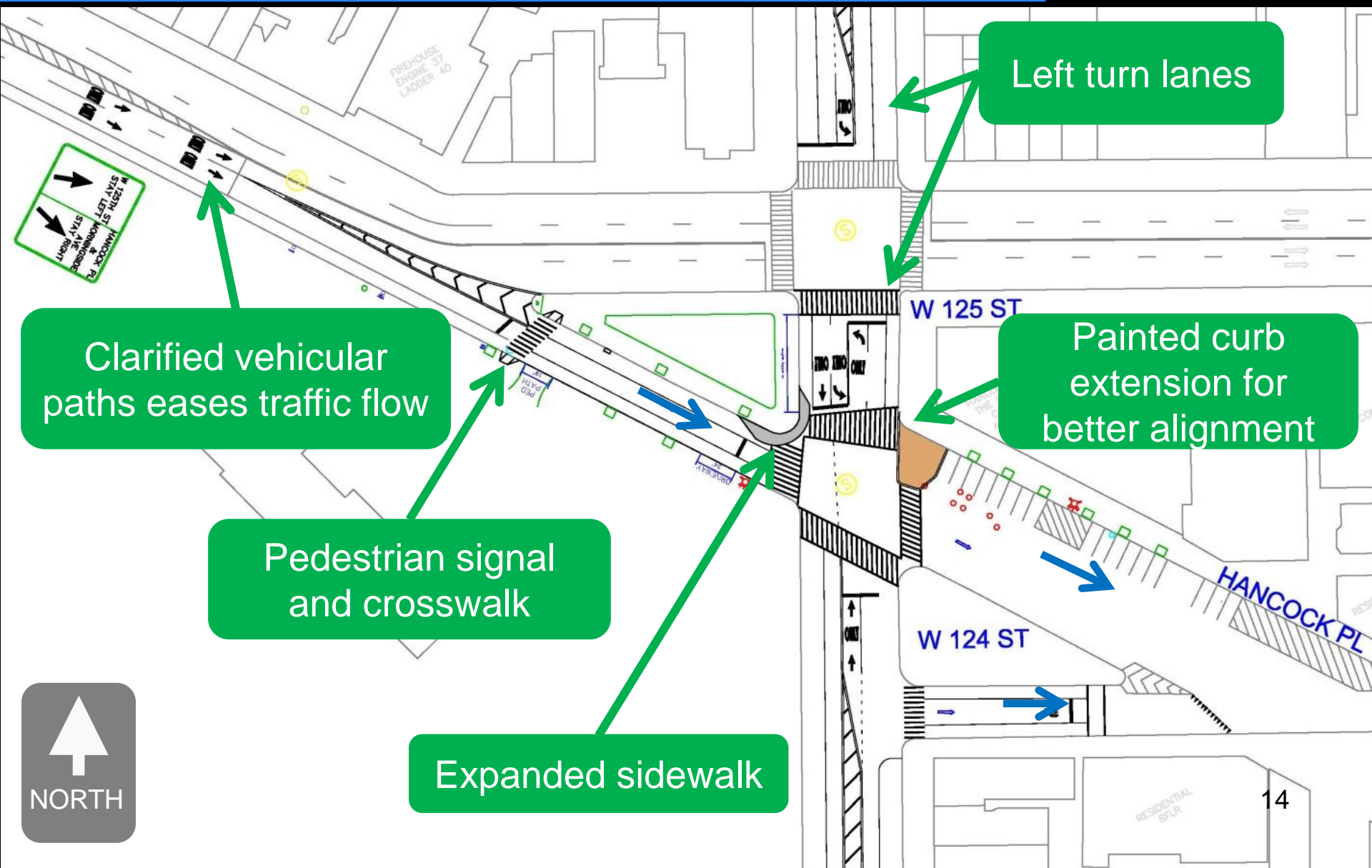
Pedestrian desire line along W 125th Street puts them in conflict with cars entering Hancock Place



Over 500 pedestrians cross a hour during PM peak



Morningside Ave and Hancock Pl Proposal



Morningside Ave and W 126th Street

Existing Conditions

North of W 126th Street, Morningside narrows to 38' creating a skewed alignment



Five injuries at this intersection
in 5 year period from 2007-2011
Two were pedestrian



Morningside Ave and W 126th Street Proposal

New left turn lanes

←
W 126 ST



Paint neckdown improves alignment



Delancey Street, MANHATTAN

Plan Summary

Improvements for Morningside Avenue:

1. Reduce travel lanes from four to three lanes, one in each direction with left-turn lanes as needed between W 116th Street and W 126th Street.
2. Construct pedestrian islands on Morningside Avenue at W 123rd Street, W 120th Street, W118th Street and W 117th Street
3. Extend concrete curb on existing GreenStreet at Morningside Avenue and Hancock Place
4. Extend NE curb with colored coating at intersection of Morningside Ave and Hancock Place
5. Extend SE curb with colored coating at intersection of Morningside Avenue and W 126th Street
6. Add stop sign on Morningside and W 118th Street
7. Add pedestrian signal and new crosswalk at Hancock Place



A wide-angle photograph of a city street, likely in New York City. The street is lined with trees on both sides, some with yellowing leaves, suggesting autumn. Several cars are parked along the curbs, and a few are driving in the lanes. In the background, there are various buildings, including some taller ones. A large green circle is overlaid on the right side of the image, containing the text "Thank You".

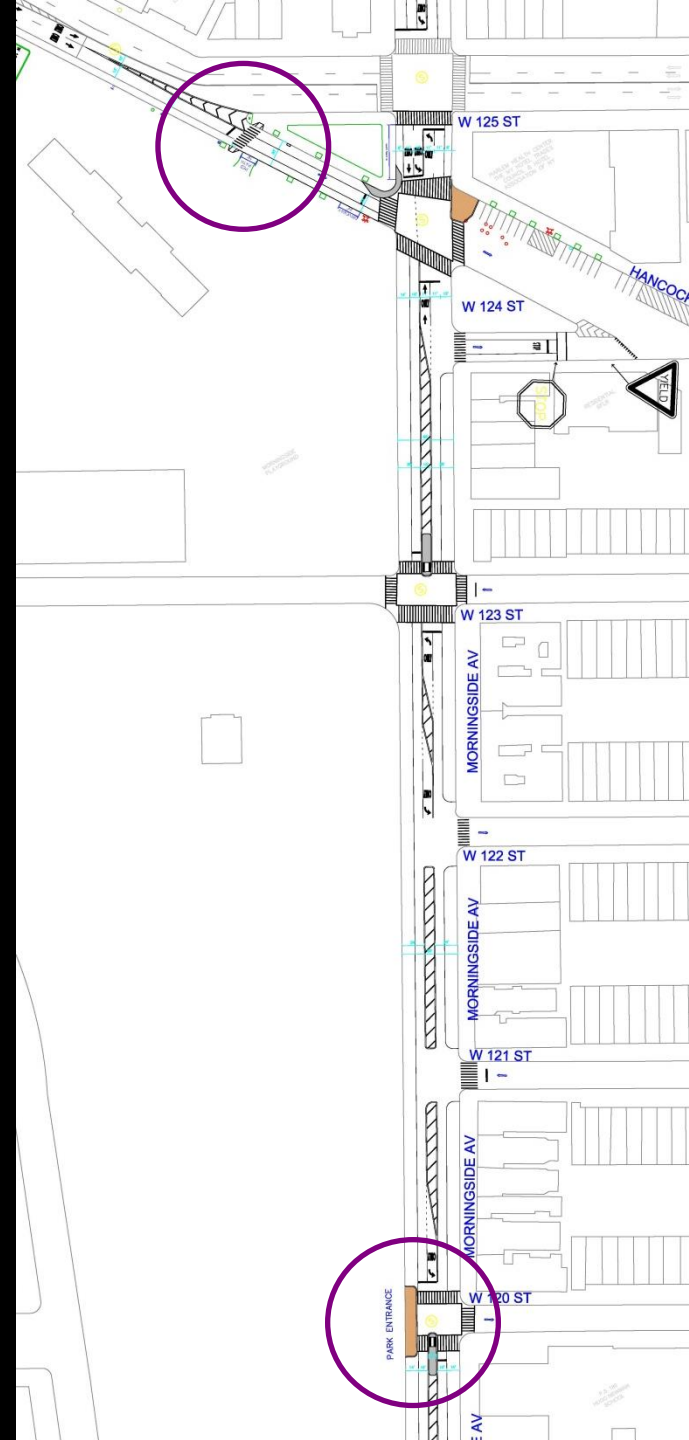
**Thank
You**

www.nyc.gov/dot

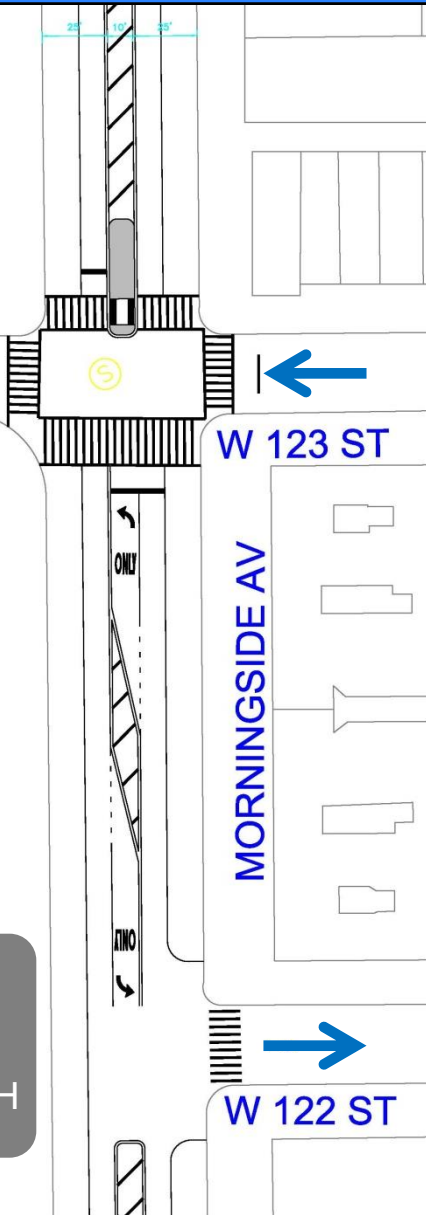
Parking Summary

Net parking loss of two spaces

- 1 for new crosswalk at W 125th Street and Hancock Place
- 1 for curb extension at W 120th Street park entrance



W 120th and W 123rd Streets Proposal



New left turn bays

Safer two part crossing

Wide parking lanes

PARK ENTRANCE

